2012 ATE Product Catalog

General Contract Information

Supplier and Service Point Name, Address, and Phone Number
Advanced Testing Technologies, Inc.
110 Ricefield Lane
Hauppauge, New York 11788-2008
1-(631) 231-8777
1-(800) ATTI-VXI (288-4894)
1-(631) 231-7174 Fax

Contract Administration Source
Velma Galletta
or
Mr. Eli Levi
Executive Vice President

Business Size
Small Business

Maximum Order
Unlimited

Minimum Order
1 Unit

Geographic Coverage
48 Contiguous States, District of Columbia, Alaska, Hawaii, Puerto Rico, and International

Point of Production
110 Ricefield Lane
Hauppauge, New York 11788-2008

Payment Terms
Net 30

Foreign Items
None

Time of Delivery
<table>
<thead>
<tr>
<th>Item</th>
<th>Delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAT® Test Systems and Options</td>
<td>6 Months ARO</td>
</tr>
<tr>
<td>Software</td>
<td>3 - 8 Weeks ARO</td>
</tr>
<tr>
<td>Expedited Delivery</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Urgent Requirements</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

F.O.B. Origin

Ordering Address
Advanced Testing Technologies, Inc.
110 Ricefield Lane
Hauppauge, New York 11788-2008
ATTN.: Velma Galletta

Payment Address
Same as above
ATTN.: Velma Galletta

Warranty Provisions
Commercial Warranty applies

Export Packing Charges
None

Terms and Conditions of Repair and Maintenance
Available upon request

Terms and Conditions of Installation
Available upon request

Terms and Conditions of Test Program Sets (TPS)
Available upon request

Terms and Conditions of Repair Parts Indicating Date of Parts Price Lists and Any Discounts from List Prices
Available upon request
### General Contract Information

<table>
<thead>
<tr>
<th>Service and Distribution Points</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>List of Service and Distribution Points</td>
<td>Hauppauge, New York</td>
</tr>
<tr>
<td>Standard Software License Terms and Conditions Apply to Catalog Items as Indicated in the Item Nomenclature</td>
<td>Appendix A</td>
</tr>
<tr>
<td>Test Program Set (TPS) Terms and Conditions</td>
<td>Appendix B</td>
</tr>
<tr>
<td>BRAT® Contractor Support - BRAT® Tester All Inclusive Support and Repairs Terms and Conditions</td>
<td>Appendix C</td>
</tr>
<tr>
<td>Leasing</td>
<td>Appendix D</td>
</tr>
</tbody>
</table>
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>1-3</td>
</tr>
<tr>
<td>BRAT® Equipment Unconditional Warranty</td>
<td>4</td>
</tr>
<tr>
<td><strong>Test Systems</strong></td>
<td></td>
</tr>
<tr>
<td>The BRAT® Test System</td>
<td>5-6</td>
</tr>
<tr>
<td>The BRAT® RF Test System</td>
<td>7-9</td>
</tr>
<tr>
<td>The Transportable BRAT® Test System</td>
<td>10</td>
</tr>
<tr>
<td>Test Systems</td>
<td>10</td>
</tr>
<tr>
<td>PXI Test Systems</td>
<td>11</td>
</tr>
<tr>
<td>The BRAT® 67 PXI Test System (Instruments Listing)</td>
<td>11</td>
</tr>
<tr>
<td>Option 67-100 - Digital for the BRAT® 67</td>
<td>11</td>
</tr>
<tr>
<td>The BRAT® 70 PXI Test System (Instruments Listing)</td>
<td>12</td>
</tr>
<tr>
<td>The BRAT® 90 VXI Test System (Instruments Listing)</td>
<td>12</td>
</tr>
<tr>
<td>The BRAT® B101 Test System (Instruments Listing)</td>
<td>13</td>
</tr>
<tr>
<td>The BRAT® B103 Test System (Instruments Listing)</td>
<td>13</td>
</tr>
<tr>
<td>The BRAT® B105 and B305B Test Systems (Instruments Listing)</td>
<td>14</td>
</tr>
<tr>
<td>The BRAT® B105-A Test System (Instruments Listing)</td>
<td>15</td>
</tr>
<tr>
<td>The BRAT® B305B-A Test System (Instruments Listing)</td>
<td>16</td>
</tr>
<tr>
<td>The BRAT® B303C Test System (Instruments Listing)</td>
<td>17</td>
</tr>
<tr>
<td>The BRAT® B305BJ Test System (Instruments Listing)</td>
<td>18</td>
</tr>
<tr>
<td>The BRAT® RF303 RF Test System (Instruments Listing)</td>
<td>19</td>
</tr>
<tr>
<td>The BRAT® RF305 RF Test System (Instruments Listing)</td>
<td>19</td>
</tr>
<tr>
<td>The Transportable BRAT® RF405 RF Test System (Instruments Listing)</td>
<td>20</td>
</tr>
<tr>
<td>The BRAT® RF305BJ RF Test System (Instruments Listing)</td>
<td>21</td>
</tr>
<tr>
<td>Option RF405BJ-100, Option RF405BJ-101, Option RF405BJ-102,</td>
<td>21</td>
</tr>
<tr>
<td>Option RF305BJ-200, and Option RF305BJ-500 for the BRAT® RF305BJ</td>
<td></td>
</tr>
<tr>
<td>The Transportable BRAT® RF405BJ RF Test System (Instruments Listing)</td>
<td>22</td>
</tr>
<tr>
<td>Option RF405BJ-100, Option RF405BJ-101, Option RF405BJ-102, and Option</td>
<td>22</td>
</tr>
<tr>
<td>RF405BJ-500/RF407BJ-500 for the Transportable BRAT® RF405BJ</td>
<td></td>
</tr>
<tr>
<td>The BRAT® Option B201M Missile Test System (Instruments Listing)</td>
<td>23-24</td>
</tr>
<tr>
<td>The BRAT® Option B35E Missile Electronics Test System (Instruments Listing)</td>
<td>25-26</td>
</tr>
<tr>
<td>The Transportable BRAT® R201 Test System (Instruments Listing)</td>
<td>27</td>
</tr>
<tr>
<td>The Transportable BRAT® R203 Test System (Instruments Listing)</td>
<td>27</td>
</tr>
<tr>
<td>The Transportable BRAT® R205 and R405B Test Systems (Instruments Listing)</td>
<td>28</td>
</tr>
<tr>
<td>The Transportable BRAT® R403C Test System (Instruments Listing)</td>
<td>29</td>
</tr>
<tr>
<td>The Transportable BRAT® R405BJ Test System (Instruments Listing)</td>
<td>30</td>
</tr>
<tr>
<td>The Transportable BRAT® R406 Test System (Instruments Listing)</td>
<td>31</td>
</tr>
<tr>
<td>The BRAT® Option B504 High Speed Digital Test System (Instruments Listing)</td>
<td>32-33</td>
</tr>
<tr>
<td>Option 100, Option 500, and Option 600 for the BRAT® Option B504</td>
<td>33</td>
</tr>
<tr>
<td>The BRAT® Option B507 Programmable Power Supply Test System (Instruments Listing)</td>
<td>34</td>
</tr>
<tr>
<td>Option B507-100 and Option B507-200 for the BRAT® Option B507</td>
<td>34</td>
</tr>
<tr>
<td>The BRAT® B509 Power Supply Test System (Instruments Listing)</td>
<td>35</td>
</tr>
<tr>
<td>The BRAT® Option B511 Air Data Test Set System (Instruments Listing)</td>
<td>36</td>
</tr>
<tr>
<td>Option B511-100, Option B511-900, Option B511-300, and Option B511-400</td>
<td>36</td>
</tr>
<tr>
<td>for the BRAT® Option B511</td>
<td></td>
</tr>
<tr>
<td>The BRAT® Option B512 X-Band Phase Noise High Power RF Test System (Instruments Listing)</td>
<td>37</td>
</tr>
<tr>
<td>The BRAT® Option B514A Improved High-Performance Display Analysis</td>
<td>38</td>
</tr>
<tr>
<td>System (Instruments Listing)</td>
<td></td>
</tr>
<tr>
<td>The BRAT® 514B1 Stand-Alone (A-10) HUD Test System (Instruments Listing)</td>
<td>39</td>
</tr>
<tr>
<td>The BRAT® Option B520 Comm/Nav Test System (Instruments Listing)</td>
<td>40</td>
</tr>
<tr>
<td>Option B520-100, Option B520-900, Option B520-300, and Option B520-400</td>
<td>40</td>
</tr>
<tr>
<td>for the BRAT® Option B520</td>
<td></td>
</tr>
<tr>
<td>The BRAT® Option B520-50 Radio Test System (Instruments Listing)</td>
<td>41</td>
</tr>
<tr>
<td>The BRAT® Option B530 Radio Test System (Instruments Listing)</td>
<td>41</td>
</tr>
<tr>
<td>The BRAT® Option 535 SATCOM Test System (Instruments Listing)</td>
<td>42</td>
</tr>
<tr>
<td>The 580 Automated and Manual Test Station Suite (Instruments Listing)</td>
<td>43</td>
</tr>
<tr>
<td>The BRAT® 1078 Test System (Instruments Listing)</td>
<td>44</td>
</tr>
<tr>
<td>The BRAT® 3078 Test System (Instruments Listing)</td>
<td>45</td>
</tr>
<tr>
<td>The BRAT® 3098 Test System (Instruments Listing)</td>
<td>46</td>
</tr>
<tr>
<td>The BRAT® 107-C Test System (Instruments Listing)</td>
<td>47</td>
</tr>
<tr>
<td>The BRAT® 307-C Test System (Instruments Listing)</td>
<td>48</td>
</tr>
<tr>
<td>The BRAT® 3078J Test System (Instruments Listing)</td>
<td>49</td>
</tr>
</tbody>
</table>
**Table of Contents**

### Test Systems

- The BRAT® 308B Test System (Instruments Listing) ................................................................. 50
- The BRAT® RF307 RF Test System (Instruments Listing) ......................................................... 51
- The Transportable BRAT® RF407 RF Test System (Instruments Listing) ................................. 51
- The BRAT® RF308 RF Test System (Instruments Listing) .......................................................... 52
- The BRAT® RF307BJ RF Test System (Instruments Listing) ...................................................... 53
- Option RF307BJ-109, Option RF307BJ-200, Option RF307BJ-300, and Option RF305BJ-500/RF307BJ-500 for the BRAT® RF307BJ ...................... 53
- The Transportable BRAT® RF407BJ RF Test System (Instruments Listing) ......................... 54
- Option RF307BJ-109 and Option RF405BJ-500/RF407BJ-500 for the Transportable BRAT® RF407BJ ................................................................. 54
- The BRAT® 185 Stand-Alone TACAN Test System (Instruments Listing) .............................. 55
- The Transportable BRAT® 907B Test System (Instruments Listing) ........................................ 56
- The Transportable BRAT® 407B Test System (Instruments Listing) ........................................... 57
- The Transportable BRAT® 407BJ Test System (Instruments Listing) ........................................ 58
- The Transportable BRAT® 408B Test System (Instruments Listing) ........................................ 59
- The HCATS-101 Test System ...................................................................................... 60
- The MC100M MCBRAT® Test System ..................................................................................... 61
- BRAT® Test System Options ................................................................................................. 62
- Warranties .......................................................................................................................... 63

### Air Force Family of Testers

- DA-1 ATS Test System (Instruments Listing) ........................................................................... 64
- DA-2 ATS Test System (Instruments Listing) ........................................................................... 65
- RF-1 ATS Test System (Instruments Listing) ........................................................................... 66

### Calibrators

- The Z2000 Signal Generator and Attenuator Test System ......................................................... 67
- Calibrators ............................................................................................................................. 68
- Calibration Kits ..................................................................................................................... 68
- The CM290 and CM230 Mobile Calibration Systems ............................................................. 69

### Interface Test Adapters

- HVA ITA ............................................................................................................................... 70

### Video Generators

- The ENVID GEN-510 Enhanced VXI Programmable Video Generator and Analyzer ............ 71-79
- The ENVID GEN-515 Enhanced VXI Programmable Video Generator and Analyzer - Stand-Alone Rack Mount Option ........................................ 71-79
- ENVID GEN-510 Option 2, ENVID GEN-510 Option 3, ENVID GEN-510 Option 4, ENVID GEN-510 Option 5, ENVID GEN-510 Option 6, and ENVID GEN-510 Option 7 for the ENVID GEN-510 and ENVID GEN-515 ........................................ 71

### Products

- VXI .................................................................................................................................... 73-79
- LXI ..................................................................................................................................... 79
- PXI ..................................................................................................................................... 79
- MMS ................................................................................................................................. 80-81
- RFU ................................................................................................................................. 82-83
- IEEE-488 ....................................................................................................................... 84-88
- Equipment ...................................................................................................................... 89-92
- Common Parts ............................................................................................................... 93
- Hardware Upgrades ....................................................................................................... 93
- Communication/Navigation ............................................................................................. 94
- Transportable .................................................................................................................. 95
- PC-Based ........................................................................................................................ 95
- Manuals .......................................................................................................................... 96
- Leasing - TPS, ITA, Holding Fixture, or Tester ................................................................. 96
- Auxiliary ......................................................................................................................... 97-98
- Pneumatic ...................................................................................................................... 99
- Modified/Refurbished ..................................................................................................... 99
- Functional Equivalent Obsolescence Mitigation Replacement ......................................... 100
- Avionics .......................................................................................................................... 100
# Table of Contents

## Products

<table>
<thead>
<tr>
<th>Section</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development Software</td>
<td>101-102</td>
</tr>
<tr>
<td>Runtime Software</td>
<td>103-104</td>
</tr>
<tr>
<td>System Software Utilities</td>
<td>105</td>
</tr>
<tr>
<td>Calibration and Alignment Adjustment Routines</td>
<td>105</td>
</tr>
<tr>
<td>Calibration and Alignment Adjustment Routines - ITA</td>
<td>105</td>
</tr>
<tr>
<td>Calibration Software and ITA</td>
<td>106</td>
</tr>
<tr>
<td>Software Upgrades</td>
<td>106-107</td>
</tr>
<tr>
<td>TPS Upgrades</td>
<td>107</td>
</tr>
<tr>
<td>Software</td>
<td>107</td>
</tr>
<tr>
<td>Calibration Services</td>
<td>108-109</td>
</tr>
<tr>
<td>Tester Decommissioning and Equipment Commissioning</td>
<td>109</td>
</tr>
<tr>
<td>BRAT® Tester Repairs</td>
<td>110</td>
</tr>
<tr>
<td>Cable Repairs</td>
<td>110</td>
</tr>
<tr>
<td>Repair Services</td>
<td>111-113</td>
</tr>
<tr>
<td>Repair and Calibration Services</td>
<td>114-115</td>
</tr>
<tr>
<td>BRAT® Tester Contractor Support</td>
<td>115</td>
</tr>
<tr>
<td>Full Service Calibration - Modules</td>
<td>116</td>
</tr>
<tr>
<td>Full Service Repair for Electrical, Mechanical, and Electronic Components</td>
<td>117</td>
</tr>
<tr>
<td>Full Service Repair Services</td>
<td>117-118</td>
</tr>
<tr>
<td>Full Service Components</td>
<td>119-125</td>
</tr>
<tr>
<td>Maintenance Repair Support</td>
<td>126</td>
</tr>
<tr>
<td>Maintenance Services</td>
<td>126</td>
</tr>
<tr>
<td>Installation, Repairs, and Kits</td>
<td>127</td>
</tr>
<tr>
<td>BRAT® Equipment Installation and Checkout</td>
<td>128</td>
</tr>
<tr>
<td>Support</td>
<td>128</td>
</tr>
<tr>
<td>TPS Rehosting</td>
<td>128</td>
</tr>
<tr>
<td>Retrofit Kits</td>
<td>129</td>
</tr>
<tr>
<td>ITA Retrofit</td>
<td>130</td>
</tr>
<tr>
<td>ATE Modernization Kits</td>
<td>130</td>
</tr>
<tr>
<td>BRAT® Cable Sets</td>
<td>131</td>
</tr>
<tr>
<td>Cables</td>
<td>131</td>
</tr>
<tr>
<td>Cables, Connectors, and Adapters - Complexity Levels 1, 2, 3, and 4</td>
<td>131-135</td>
</tr>
<tr>
<td>Parts and Assemblies</td>
<td>136-137</td>
</tr>
<tr>
<td>Connectors</td>
<td>137</td>
</tr>
<tr>
<td>TPS and ITA Training Using the BRAT®</td>
<td>138</td>
</tr>
<tr>
<td>Proprietary Repair Documents</td>
<td>138</td>
</tr>
<tr>
<td>Proprietary Procedure Manuals</td>
<td>138</td>
</tr>
<tr>
<td>Training and System Maintenance</td>
<td>139</td>
</tr>
<tr>
<td>Test Program Sets (TPS)</td>
<td>140</td>
</tr>
<tr>
<td>Ancillary Equipment</td>
<td>141</td>
</tr>
<tr>
<td>Test Program Modules</td>
<td>141</td>
</tr>
<tr>
<td>Support Services</td>
<td>142</td>
</tr>
</tbody>
</table>

## General Information

<table>
<thead>
<tr>
<th>Section</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTI Company Profile</td>
<td>143</td>
</tr>
<tr>
<td>ATTI Worldwide Support</td>
<td>143</td>
</tr>
<tr>
<td>ATTI Offices</td>
<td>143</td>
</tr>
<tr>
<td>Part Number Index</td>
<td>144-203</td>
</tr>
</tbody>
</table>

## Appendices

<table>
<thead>
<tr>
<th>Section</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appendix A - ICSS Software License Agreement Terms and Conditions</td>
<td>A1-A2</td>
</tr>
<tr>
<td>Appendix B - Test Program Sets (TPS) - Terms and Conditions</td>
<td>B1-B2</td>
</tr>
<tr>
<td>Appendix C - BRAT® Contractor Support - BRAT® Tester All Inclusive Support and Repairs Terms and Conditions</td>
<td>C1-C4</td>
</tr>
<tr>
<td>Appendix C-1 - BRAT® Contractor Support - Full Service Repair Services</td>
<td>C5-C6</td>
</tr>
<tr>
<td>Appendix C-2 - BRAT® Contractor Support - Full Service Calibration</td>
<td>C7</td>
</tr>
<tr>
<td>Appendix C-3 - BRAT® Contractor Support - Full Service Cables, Connectors, Adapters, and Others</td>
<td>C8-C13</td>
</tr>
<tr>
<td>Appendix D - Leasing</td>
<td>D1</td>
</tr>
</tbody>
</table>
Introduction

General
Electronics now plays a dominant role in virtually every product from watches and calculators to TVs and games to computers, airplanes, and military weapons systems. These electronic systems have become increasingly more complex with every passing day. Their circuit density and speed factors increase at seemingly exponential rates. As reliable as these systems are, from time to time they malfunction. Whereas years ago such a malfunctioning system could be repaired by a technician using manual instrumentation, today this is impossible.

Today the use of a sophisticated electronic testing system, commonly referred to as ATE (Automatic Test Equipment), is an absolute must. ATE ascertains whether an electronic system, subsystem, module, or printed circuit board is operating correctly and, if not, identifies what part of the unit is faulty and should be removed and replaced.

ATE has many uses during the life of an electronic product or system. First it is used during the product build cycle on a production floor. The usual scenario is for ATE to test the incoming Integrated Circuits (ICs) used to populate an assembly commonly referred to as a Printed Circuit Board (PCB) or module. A different type of ATE then tests the PCB. When a number of PCBs are assembled into a subsystem or black box, again ATE is utilized. Finally, if a number of subsystems are assembled into a system, once again ATE is used to ascertain proper functioning.

Once a system (e.g., computer, aircraft, medical electronics, weapon system) is in use, ATE must again be employed when the system malfunctions. Usually ATE, which is either built into the system or “stands alone,” ascertains if the system is functioning correctly and, if not, identifies which subsystem is faulty and thus should be replaced. The faulty subsystem must then be tested on the same or different ATE to identify which of its PCBs or modules is to be replaced. Finally, that PCB or module must be tested to determine which IC or ICS are to be replaced.

In short, ATE has become a total necessity in today’s increasingly complex, electronics-dominated world. Without ATE, electronic systems can neither be manufactured nor maintained.

Available Types of ATE
Some ATE systems are specifically designed for one of the testing niches discussed above (e.g., PCB testing on the production floor, subsystem testing in the maintenance environment, etc.). Some are aimed only at the commercial sector and others only for the military market. Some are for fixed installations and others are portable in nature. Most have a rigid structure which qualifies them only for a specific testing application and which makes it difficult for them to cope with evolutionary changes with time in the suite of units to be tested. The same rigid structure also hinders this type of ATE if new products with some different test requirements were to be introduced into the picture.

Some modern ATE, however, utilizes an open architecture for both its hardware and software. This approach has numerous advantages including the following:
- The flexibility realized allows this type of ATE to be used in virtually any test situation in the manufacturing or maintenance environments.
- The Unit Under Test (UUT) suite may physically be hybrids, boards, modules, subsystems, or systems.
- Initially, the user need procure only the test assets required to accommodate his or her UUT suite as currently identified; this keeps the initial cost low.
- The test spectrum may encompass any combination of digital, analog, RF, and/or Electro-Optical (EO) test capability.
- Additional test assets may be added with ease if test requirements change with time.
- The entire spectrum of digital, analog, RF, and EO test capability functions under a single, coherent ATE operating software system.
- The modularity and open architecture of both hardware and software assets are upgradeable with industry advances over time.

Test Software
The hardware assets of a particular ATE system are usually defined so the system can test a particular suite of UUT. The test or applications software is the mechanism by which the ATE assets are utilized in a logical sequence to test a particular unit in the suite. In other words, each different type of UUT will have its own, individual test program matched to its unique test requirements.

The creation of test programs is a significant cost factor in the use of ATE. Modern ATE operating software must include numerous features so as to minimize this expense. Some of these features include:
- Industry standard operating environment such as Windows™
- Rapid, incremental test program code generation
- Fast binary execution to optimize test system throughput
- Easy and rapid test program edit and debug
- Extensive, user-friendly diagnostics to quickly and accurately identify UUT faults

Often the term TPS is used in conjunction with ATE applications software. TPS stands for “Test Program Set” and consists of the test program itself, any necessary cabling and/or adapter between the ATE and UUT, and appropriate documentation. If an ATE system provides flexible switching of its test assets, the need for complex adapters is minimized. However, some older ATE with rigid architectures require numerous and costly adapters due to their lack of flexibility. There is one TPS for each unique type of UUT.

The Test Challenge of Today
The use of ATE is absolutely essential in order to be competitive in today’s marketplace. Even with the help of ATE, formidable challenges are faced:
Introduction

- The product test requirements are typically many and varied.
- These requirements will likely change with time.
- The total test cost must be held to an absolute minimum.
- Rapid test program development is of utmost importance.
- Test execution speed must be optimized.

The Optimal Test Solution

The Benchtop Reconfigurable Automatic Tester (BRAT®) family of test equipment is designed to answer today's most pressing challenges.

- The BRAT® spectrum encompasses any combination of digital, analog, RF, and EO test capability, and the units to be tested may be hybrids, boards, modules, subsystems, or systems.
- The open hardware and software architecture based on industry standards (VXI, IEEE-488, Windows™, etc.) provides the most cost-effective initial configuration and yet allows for future expansion to meet changing needs.
- The BRAT® embodies a fully integrated, consistent turn-key software system regardless of the test capability mix.
- State-of-the-art program development tools and procedures are provided, edit/debug is easy and rapid, throughput is maximized from every aspect, and the latest in fault diagnostics are fully integrated.

BRAT® Family of Test Systems

100 Series: Analog and Digital Applications
200 Series: Transportable 100 Series
300 Series: Analog, Digital and RF to 20 GHz
400 Series: Transportable 300 Series
500 Series: High Speed Digital to 50 MHz, High Power RF, Power Supply Testing, Electro-Optical Testing, Air Data Testing

Test System Features

- BRAT® technology is state-of-the-art today and, due to its open architecture, can be modified and upgraded to remain state-of-the-art as customer requirements change, industry standards evolve, and new instruments and software modules appear.
- Non-proprietary hardware and software is employed and the open architecture accepts new hardware and software from many vendors.
- As the test system is enhanced with time, existing TBASIC® test programs remain valid.
- The switching subsystem allows stimuli and measurement devices to be applied to the unit/device under test with maximum flexibility and full accuracy, thereby drastically simplifying interface test adapters.
- BRAT® may be linked into a user's network providing total connectivity.
- Both the size and the cost of the system are fractions of traditional ATE.

Test System Benefits

Most customers strive to minimize their total test cost which is composed of various factors:
- Initial tester price
- Throughput
- Ease of test program preparation
- Tester availability

BRAT® is designed specifically to minimize the total cost to its users:
- The open architecture allows for the lowest cost configuration custom tailored to the application, with the ability to grow indefinitely as user requirements change with time.
- Throughput is maximized via:
  - High-performance Pentium processor
  - Use of high speed buses
  - Binary code execution
  - Optimized plug and play software drivers
- Test Program preparation and debug is optimized via:
  - Test Program Development oriented language
  - MS Windows™ Environment
  - Automatic test pattern generators/simulators
  - Fault dictionary and guided probe diagnostics
  - Rapid on-line edit and debug
- BRAT® availability is maximized via:
  - High test system mean-time between failures
  - Efficient self test which fault isolates to a replaceable module
  - Easy replacement of any faulty module
Introduction

The BRAT® Test System

1. PC-Based Controller
2. Color Printer
3. Three-Phase AC Programmable Power Supply
4. Eleven Programmable DC Power Supplies
5. System Interface
6. VXI Instrumentation
   • Universal Analog Switching
   • Digital Multimeter
   • Universal Counter/Timer
   • 1553 Bus Analyzer/Simulator
   • Dynamic High Speed Digital Pattern I/O
   • Static Digital Pattern I/O
   • Arbitrary Function Generator
   • Synchro/Resolver
   • Video Card
7. Digitizing Oscilloscope
8. RF Rack
9. RFIU
   • RF Measurement
   • Phase Noise Module (not shown - 308 configuration)
   • RF Converter
   • RF Output
10. Power Sensors
11. Network Analyzer
12. Auxiliary RF Signal Processor/Matrix
13. Spectrum Analyzer
14. Performance Analog Upconverters
15. Power Meter

Other Station Configurations Available
ATTI warrants that all equipment delivered shall be free from defects in materials and workmanship. ATTI shall, for a period of 6 months from the date of delivery, repair, correct, or replace any equipment which proves to be defective.

ATTI has the option to repair the equipment at the customer’s facility, ATTI’s facility, or at a third party facility. All shipping charges for returning the unit to ATTI are not included. ATTI will pay the shipping charges for the return of the repaired item.

This warranty is voided if unauthorized modifications to the equipment hardware or software are performed.
The Benchtop Reconfigurable Automatic Tester (BRAT®) is an economical Commercial-Off-The-Shelf (COTS), flexible test system, based on an open architecture of commercial equipment in a modular design. Its primary use is as Automatic Test Equipment (ATE), either through test programming languages or by the use of the latest object-oriented graphical programming environments. The physical Benchtop Reconfigurable assembly allows easy access to all of the modules as well as room for expansion/reconfiguring, and makes transporting simple. The interface provides over 400 universal analog test points, 192 dynamic digital test points, 32 static digital test points, and 20 two-wire, 50Ω dedicated RF paths, reducing the number and complexity of ITAs.

State-of-the-Art Technology
The BRAT® features VXI instrument-on-a-card and modular technologies to provide complex testing capabilities in a compact workstation.

High Speed Dynamic Digital
The timing control lines operate at up to 160 MHz while the I/O pins operate at up to 90 MHz. 64K of memory are behind each pin, which can be run continuously or in segments for multiple tests.

Multiple Programmable DC and AC Power Supplies
The power system is a reconfigurable precision power subsystem designed to meet the challenges of high tech ATE.

Operating Environment
The standard operating environment is Windows™. The software packages installed are determined by the user’s test requirements.

Multiple Instrument Synchronization
Complete access at the interface of all instrument “trigger” signals allows multiple instrument synchronizations, or “event” testing. This technique can reduce the software overhead for a test and increase throughput.

Measurement Capability to 250 MHz
Dedicated RF channels are used to route signals of up to 3 GHz to the analog bus; however, instrument measurement capability in the standard configuration is to 250 MHz.

Specifications

Computer
Windows™-Based PC
(custom configurations available as options)

Test Languages
TBASIC® Test Language (options available)

Dynamic Digital
192 I/O Pins 3 to 9 ns pin skew
Subcycles of 6.25 ns to 409.6 μs in 6.25 ns steps
90 MHz pattern rate, 160 MHz control timing
64K pin depth
TTL compatible levels (CMOS/ECL/Programmable options available)
External triggering (ECL and TTL)
External clocking
(options for additional digital pins are available)

Static Digital Quad 8-Bit Latch
Four independently programmable 8-bit ports for GPIO handshake modes
TTL Compatible I/O and Control

Digital Multimeter
AC/DC Voltage: Range: 100 mV to 300 V
Resolution: 10 nV to 100 mV
Resistance (2/4 Wire): Range: 100 Ω to 100 MΩ
Resolution: 30 μΩ to 30 Ω
Frequency: Range: 10 Hz to 300 KHz
Period: Range: 0.10 s to 3.33 μs

Universal Counter/Timer
Frequency: Range: 0.001 Hz to 200 MHz
Period: Range: 5 ns to 1000 s
Resolution: 9 digits
AC/DC Voltages: Range: 35 mV p-p to ±10.2 V p-p
Sensitivity: 35 mV (x atten)
Time Interval: Range: 1 ns to 1000 s
Resolution: 2 ns + trigger error (avg)
Rise/Fall Time Range: 15 ns to 1000 s
Universal Counter/Timer (continued)
Pulse Width Range: 5 ns to 1 ms
Ratio Range: 0.001 Hz to 100 MHz
Totalize Range: 0 to \((1.E + 12) - 1\)
Amplitude Range: 100 mV p-p to 10 V p-p
Trigger Range: ±10.2 V
Selectable Impedance: (HI Z or 50 Ω)
  HI Z: \((× 1) 500 KΩ \parallel 40 \mu F\)
  \((× 10) 1 MΩ \parallel < 20 \mu F\)

Digitizing Oscilloscope
Bandwidth: DC to 500 MHz
Maximum Sample Rate: 5 GSa/s
Maximum Input Voltage: 150 V rms @ 1 MΩ
Vertical Resolution: 9 bits
Time Base: Range: 1 ns to 10 s full scale

Arbitrary Function Generator
User Defined Waveforms
13-bit resolution, 40 MSa/s
256K sample memory with sequencer (custom waveforms)

Built-In Functions
Frequency Range:
  Sine: to 10.7 MHz
  Square: to 5 MHz
  Triangle/Ramp: to 100 KHz
Amplitude (50 Ω):
  Range: ±5.1 V
  Resolution: 1.25 μV
Amplitude (Open):
  Range: ±10.2 V
  Resolution: 2.5 μV

Additional Modes
Frequency Sweep to 10 MHz
Frequency Hop to 10 MHz
Frequency Shift to 2 M changes/s
Phase Modulate to 500 KHz

Synchro/Resolver Simulator and Indicator
Independent D/S and S/D functions
20-bit binary resolution
Dynamic rate and directions
Programmable
Reference Input: 96 or 115 V rms
Signal I/O: 11.8, 26, and 90 V L-L

Form C Switch
32-Channel
5 A
Nonlatching Relays (SPDT)

DC Power Supply
Eight programmable DC supplies (300 W each)
Programmable Resolution: 10 mV/A
Range:
  2 × 0 to 7 Vdc @ 15 A
  2 × 0 to 20 Vdc @ 10 A
  2 × 0 to 32 Vdc @ 6.25 A
  1 × 0 to 160 Vdc @ 1.25 A
  1 × 0 to 320 Vdc @ 0.625 A

AC Power Supply (Three-Phase) with PFC
Frequency Resolution:
  0.01 Hz 40 to 99.9 Hz
  0.05 Hz 100 to 999.9 Hz
  0.5 Hz 1000 to 5000 Hz
Range: 0 to 312 Vac
PFC: Allows for correction of input power
better than 0.99

Switching
Maximum Current: 1 A
> 400 Universal Analog Test Points

Precision PLL Waveform Synthesizer
Frequency Range:
  Sine: 100 μHz to 50 MHz
  Triangle: 100 μHz to 1 MHz
  Square: 100 μHz to 50 MHz
  Pulse/Ramp: 100 μHz to 1 MHz
  Sinc: 100 μHz to 1 MHz
  Gaussian: 100 μHz to 1 MHz
  Exponential: 100 μHz to 1 MHz
Frequency Resolution: 4 digits
Amplitude:
  20 mV p-p to 32 V p-p output open circuit
  10 mV p-p to 16 V p-p into 50 Ω

Frequency Agile Waveform Synthesizer
Frequency Range:
  Sine: 100 μHz to 150 MHz
  Triangle: 100 μHz to 5 MHz
  Square: 100 μHz to 150 MHz
  Pulse/Ramp: 100 μHz to 5 MHz
  Noise: 100 μHz to 5 MHz
Frequency Resolution: 7 digits
Amplitude:
  20 mV p-p to 10 V p-p output open circuit
  10 mV p-p to 5 V p-p into 50 Ω
The BRAT® RF Test System is offered as an add-on option to the BRAT® Test System. The BRAT® RF Test System is housed in a rack that can be electrically and mechanically attached to the BRAT® Test System. The RF Test System add-on has been designed such that when added to the BRAT®, a fully integrated Test System with RF capabilities is configured. The RF Test System and its instruments are controlled by the system computer and operate in a totally automated fashion, utilizing VXI and rack-mounted instruments in an open architecture environment.

**RF Stimulus Capability**

The BRAT® features two (2) RF synthesizers capable of -90 to +20 dBm power with AM, PM, FM, and sweep capabilities from 10 MHz to 20 GHz. Through integration with an RF Interface Unit (RFIU) equipped with the proper (optional) modules, higher power levels are achievable, as well as simulation of two tone, DSBSC, DSB, FSK, BPSK, BDPBK, OPSK, MSK, and fast frequency hopping. Accurate power and frequency management is guaranteed through stored correction factors for all RFIU paths and through system level calibration.

**RF Measurement Capability**

Frequency, power, PRF spectrum, modulation, and noise figure (optional spread spectrum and phase noise analysis) are available on the reconfigurable RF BRAT®.

### Specifications: BRAT® RF Instruments

**Power Meter**

- **Frequency:** 100 KHz to 50 GHz (sensor dependent)
- **Power Range:** -70 to -4 dBm (sensor dependent)
- **Power Sensor:** 8481D Sensor
- **Dynamic Range:** 50 dB in 10 dB steps
- **Accuracy Instrumentation:** ±0.02 dB or ±0.5%

**Power Meter Functions**

- **Frequency:** Allows entry of test signal frequency for Cal Factor selection
- **Offset:** Allows power measurement to be offset by -99.99 dB to +99.99 dB
- **Resolution:** Selectable resolution of 0.1, 0.01, and 0.001 dB in logarithmic mode; 1%, 0.1%, and 0.01% of full scale in linear mode
- **Auto Filter Mode:** The meter automatically selects the required number of averages for the chosen range and resolution
- **Averaging:** Selectable from 1 to 1024 readings (in powers of 2)
- **Duty Cycle:** Peak power representation of measured RMS power for rectangular pulses
- **Sensor Tables:** Allows entry and editing of up to 10 Frequency versus Cal Factor sensor tables
- **Save/Recall States:** Saves and recalls 10 complete E1416A operating states

**Spectrum Analyzer**

**Frequency**

- **Frequency Range:** 3 Hz to 26.5 GHz

**Frequency Readout Accuracy**

\[\pm\text{marker frequency} \times \text{frequency reference accuracy} + 0.25\% \times \text{span} + 5\% + \text{RBW} + 2\text{ Hz} + 0.5 \times (\text{span} / (\text{sweep points} - 1))\]

**Frequency Span**

- **Range:** 0 Hz, 10 Hz to 26.5 GHz
- **Accuracy:** ±0.0% x span + span / (sweep points - 1)

**Frequency Reference Accuracy**

- **Aging:** ±1 × 10⁻⁷/year
- **Temperature Stability:**
  - 20°C to 30°C: ±1 × 10⁻⁴
  - 0°C to 55°C: ±5 × 10⁻⁴

**Sweep Time**

- **Range:** span = 0 Hz, 1 µs to 6000 s
  - span ≥ 10 Hz, 1 ms to 2000 s
- **Accuracy:**
  - span = 0 Hz: ±0.01% nominal
  - span ≥ 10 Hz, sweep: ±0.01% nominal
  - span ≥ 10 Hz, FFT: ±40% nominal
  - span = 0 Hz: ±0.01 Hz nominal
The BRAT® RF Test System

Spectrum Analyzer (continued)

Resolution Bandwidth (-3.01 dB Bandwidth)

<table>
<thead>
<tr>
<th>Range</th>
<th>Accuracy (Power)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Hz to 3 MHz</td>
<td>1 Hz to 51 KHz, ±0.5% (±0.029 dB)</td>
</tr>
<tr>
<td>4, 5, 6, 8 MHz</td>
<td>56 KHz to 75 KHz, ±1.0% (±0.044 dB)</td>
</tr>
<tr>
<td>3 kHz to 3 MHz</td>
<td>82 KHz to 330 KHz, ±0.5% (±0.029 dB)</td>
</tr>
<tr>
<td>(&lt; 3 GHz CF)</td>
<td>360 KHz to 1.1 MHz, ±1.0% (±0.044 dB)</td>
</tr>
<tr>
<td>1.2 MHz to 2.0 MHz</td>
<td>1.2 MHz to 2.0 MHz, ±0.07 dB nominal (&lt; 3 GHz CF)</td>
</tr>
<tr>
<td>2.2 MHz to 6.0 MHz</td>
<td>2.2 MHz to 6.0 MHz, ±0.02 dB nominal (&lt; 3 GHz CF)</td>
</tr>
<tr>
<td>8 MHz (&lt; 3 GHz CF)</td>
<td>8 MHz (&lt; 3 GHz CF), ±15% nominal</td>
</tr>
</tbody>
</table>

Accuracy (-3.0 dB)

<table>
<thead>
<tr>
<th>RBW Range</th>
<th>Video Bandwidth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Hz to 51 KHz</td>
<td>1 Hz to 3 MHz, 10% steps</td>
</tr>
<tr>
<td>56 KHz to 75 KHz</td>
<td>4, 5, 6, 8 MHz</td>
</tr>
<tr>
<td>82 KHz to 330 KHz</td>
<td>3 kHz to 3 MHz</td>
</tr>
<tr>
<td>360 KHz to 1.1 MHz</td>
<td>(&lt; 3 GHz CF)</td>
</tr>
<tr>
<td>1.2 MHz to 2.0 MHz</td>
<td>(&lt; 3 GHz CF)</td>
</tr>
<tr>
<td>2.2 MHz to 6.0 MHz</td>
<td>(&lt; 3 GHz CF)</td>
</tr>
<tr>
<td>8 MHz (&lt; 3 GHz CF)</td>
<td>8 MHz (&lt; 3 GHz CF)</td>
</tr>
</tbody>
</table>

Selectivity: -60 dB/-3 dB

Amplitude Range

<table>
<thead>
<tr>
<th>Measurement Range: Displayed Average Noise Level (DANL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>to maximum safe input level</td>
</tr>
</tbody>
</table>

Input Attenuator Range: 0 to 70 dB in 2 dB steps

Maximum Safe Input Power

<table>
<thead>
<tr>
<th>Average Total Power:</th>
<th>+30 dBm (1 W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pulse Power:</td>
<td>&lt; 10 μs pulse width, &lt; 1% duty cycle</td>
</tr>
<tr>
<td>and input attenuation ≥ 30 dB</td>
<td>+50 dBm (100 W)</td>
</tr>
<tr>
<td>DC:</td>
<td>DC coupled: &lt; ±0.2 Vdc</td>
</tr>
<tr>
<td></td>
<td>AC coupled: ±100 Vdc</td>
</tr>
</tbody>
</table>

Displayed Average Noise Level

<table>
<thead>
<tr>
<th>Frequency</th>
<th>DANL</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Hz to 1 KHz</td>
<td>-110 dBm nominal</td>
</tr>
<tr>
<td>1 KHz to 10 KHz</td>
<td>-130 dBm nominal</td>
</tr>
<tr>
<td>10 KHz to 100 KHz</td>
<td>-141 dBm</td>
</tr>
<tr>
<td>100 KHz to 1 MHz</td>
<td>-149 dBm</td>
</tr>
<tr>
<td>1 MHz to 10 MHz</td>
<td>-153 dBm</td>
</tr>
<tr>
<td>10 MHz to 1.2 GHz</td>
<td>-156 dBm</td>
</tr>
<tr>
<td>1.2 GHz to 2.5 GHz</td>
<td>-155 dBm</td>
</tr>
<tr>
<td>2.5 GHz to 3.0 GHz</td>
<td>-154 dBm</td>
</tr>
<tr>
<td>3 GHz to 6.6 GHz</td>
<td>-153 dBm</td>
</tr>
<tr>
<td>6.6 GHz to 13.2 GHz</td>
<td>-152 dBm</td>
</tr>
<tr>
<td>13.2 GHz to 20 GHz</td>
<td>-149 dBm</td>
</tr>
<tr>
<td>20 GHz to 26.5 GHz</td>
<td>-143 dBm</td>
</tr>
</tbody>
</table>

Spectrum Analyzer (continued)

Displayed Average Noise Level

<table>
<thead>
<tr>
<th>Frequency</th>
<th>DANL</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 KHz to 200 KHz</td>
<td>-164 dBm</td>
</tr>
<tr>
<td>200 KHz to 500 KHz</td>
<td>-167 dBm</td>
</tr>
<tr>
<td>500 KHz to 10 MHz</td>
<td>-168 dBm</td>
</tr>
<tr>
<td>10 MHz to 1.1 GHz</td>
<td>-170 dBm</td>
</tr>
<tr>
<td>1.1 GHz to 2.5 GHz</td>
<td>-169 dBm</td>
</tr>
<tr>
<td>2.5 GHz to 3.0 GHz</td>
<td>-167 dBm</td>
</tr>
</tbody>
</table>

Gain Compression Level

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Gain Compression</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 KHz</td>
<td>≤ 0.5 dB for signal levels</td>
</tr>
<tr>
<td>500 KHz</td>
<td>≤ -10 dBm</td>
</tr>
</tbody>
</table>

Spurious Responses

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Spurious Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 MHz</td>
<td>f &lt; 10 MHz from Carrier: (-73 + 20 log N) dBc</td>
</tr>
<tr>
<td>10 MHz</td>
<td>f ≥ 10 MHz from Carrier: (-80 + 20 log N) dBc</td>
</tr>
</tbody>
</table>

Second Harmonic Distortion

<table>
<thead>
<tr>
<th>Second Harmonic Band</th>
<th>Second Harmonic</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 MHz to 400 MHz</td>
<td>-82 dBc</td>
</tr>
<tr>
<td>400 MHz to 1.25 GHz</td>
<td>-92 dBc</td>
</tr>
<tr>
<td>1.25 GHz to 1.5 GHz</td>
<td>-92 dBc</td>
</tr>
<tr>
<td>1.5 GHz to 2.0 GHz</td>
<td>-90 dBc</td>
</tr>
<tr>
<td>2.0 GHz to 13.25 GHz</td>
<td>-100 dBc</td>
</tr>
</tbody>
</table>

Third-Order Intermodulation Distortion (TOI)

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Distortion</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 MHz to 100 MHz</td>
<td>-88 dBc</td>
</tr>
<tr>
<td>100 MHz to 400 MHz</td>
<td>-90 dBc</td>
</tr>
<tr>
<td>400 MHz to 1.7 GHz</td>
<td>-92 dBc</td>
</tr>
<tr>
<td>1.7 GHz to 3.0 GHz</td>
<td>-94 dBc</td>
</tr>
<tr>
<td>3.0 GHz to 6.0 GHz</td>
<td>-90 dBc</td>
</tr>
<tr>
<td>6.0 GHz to 16 GHz</td>
<td>-76 dBc</td>
</tr>
<tr>
<td>16 GHz to 26.5 GHz</td>
<td>-84 dBc</td>
</tr>
</tbody>
</table>
### Spectrum Analyzer (continued)

**Third-Order Intermodulation Distortion**

With Preamplifier

(For Two Signals, Each -45 dBm at Preamp Input)

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>TOI</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 MHz to 500 MHz</td>
<td>-15 dBm nominal</td>
</tr>
<tr>
<td>500 MHz to 3 GHz</td>
<td>-13 dBm nominal</td>
</tr>
</tbody>
</table>

### RF Synthesizers (continued)

**External Frequency Modulation**

<table>
<thead>
<tr>
<th>Rates:</th>
<th>1 KHz to 10 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Deviation:</td>
<td>&gt; ±85 MHz</td>
</tr>
<tr>
<td>Maximum Modulation Index</td>
<td>&gt; 180</td>
</tr>
</tbody>
</table>

**External Amplitude Modulation**

<table>
<thead>
<tr>
<th>Depth:</th>
<th>-20 dBm in normal mode</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50 dB below max. output in deep mode</td>
</tr>
<tr>
<td>Rate:</td>
<td>DC to 250 KHz</td>
</tr>
<tr>
<td>Accuracy:</td>
<td>&lt; 7% of depth</td>
</tr>
</tbody>
</table>

**Digitizing Oscilloscope**

<table>
<thead>
<tr>
<th>Bandwidth:</th>
<th>DC to 500 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sample Rate:</td>
<td>5 GSa/s</td>
</tr>
<tr>
<td>Maximum Input Voltage:</td>
<td>150 V rms @ 1 MΩ</td>
</tr>
<tr>
<td>Vertical Resolution:</td>
<td>9 bits</td>
</tr>
<tr>
<td>Time Base:</td>
<td>Range: 1 ns to 10 s full scale</td>
</tr>
<tr>
<td></td>
<td>Resolution: 20 ppm</td>
</tr>
</tbody>
</table>

### RF Interface Unit (RFIU) Mainframe

**Basic Configuration**

8-slot wide RF mainframe (containing the necessary power supplies, motherboard, and cooling elements) and a 1-slot wide microcontroller module

**Optional Configurations**

RFIU can be configured to provide an assortment of stimuli and perform a multitude of measurements including:

**Stimuli**

- High Power
- Low Phase Noise
- Signal + Noise
- Differential Phase
- Spread Spectrum
- Multipath Fade Simulation
- Angle of Arrival Simulation
- Noise

**Measurement**

- Logarithmic Detection
- Frequency Discrimination
- VSWR
- Power
- Phase Noise (Absolute and Additive)
- AM Noise
- Spread Spectrum Decorrelation
The Transportable BRAT® Test System

The transportable tester utilizes ruggedized cases to protect the test equipment for transport and from harsh environmental conditions. The cases protect the equipment from a transit drop of 18 inches. They have a geometric configuration which permits stacking and are equipped with front and rear covers. The covers have provisions for storage of cables and other accessories. The cases are fitted with pressure equalizing valves and are equipped with hinged handles to facilitate easy carrying as well as stacking.

This system is a complete functional equivalent to the BRAT® 107. All BRAT® options apply. The BRAT® ZIF legacy interface adapter is available as an option.

Test Systems

All TPSs are interchangeable between the Benchtop and its respective Transportable version.
The BRAT® 67

**PXI TEST SYSTEM** - Software Subject to License Agreement (Refer to Appendix A)

The BRAT® 67 PXI Test System is a basic analog test system that consists of a DMM, counter timer, arbitrary function generator, and oscilloscope. The system may be augmented with a complement of optional digital instruments that consists of a 64-bit bidirectional digital word generator, a MIL-1553 serial bus tester, static digital latch, and four independent DC supplies.

The computer consists of an embedded PXI controller mounted in slot 1 of an 18-slot PXI chassis. The computer interfaces with a flat screen monitor, a keyboard, and a mouse. The controller has a built-in hard drive and latest version of the Intel system CPU. Connectors are mounted on the front of the controller to provide: a LAN port, 2 USB ports, 2 RS-232 ports, an EPP parallel port, an IEEE-488 port, and the keyboard, monitor, and mouse peripheral ports. Windows™ and choice of operational software are preloaded on the system.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>05901001-01</td>
<td>PXI 18-Slot Chassis</td>
<td>1</td>
</tr>
<tr>
<td>05901002-01</td>
<td>PXI Embedded Controller</td>
<td>1</td>
</tr>
<tr>
<td>05901003-01</td>
<td>PXI 6½-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>05901004-01</td>
<td>PXI Counter Timer</td>
<td>1</td>
</tr>
<tr>
<td>05901005-01</td>
<td>PXI Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>05901006-01</td>
<td>PXI 2-Channel, 200 MHz Oscilloscope</td>
<td>1</td>
</tr>
</tbody>
</table>

**Software**

11067RT RunTime Software for BRAT® 67

**Options Available for the BRAT® 67**

Software Subject to License Agreement (Refer to Appendix A)

**Option 67-100 Option 100 - Digital for the BRAT® 67**

- 05901007-01 PXI 32-Bit Dynamic Digital 2
- 05901008-01 PXI 48-Bit Digital Latch 1
- 05901009-01 PXI 1553 Bus Analyzer 1
- 05901010-01 PXI Dual DC Power Supply 2

**Software**

11067/100RT RunTime Software for BRAT® 67 Option 100

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® 70, part of the BRAT® family of PXI testers, is a portable version of the PXI Test System. The BRAT® 70 has a built-in 15-inch XGA LCD touch screen display with an integrated fold-down keyboard with trackpad. The system contains eight peripheral slots for PXI instruments. In addition, each chassis contains two 175 Watt plug-in power supplies that can be hot-swapped for mobile applications.

The synchro/resolver test system consists of a DMM, a switching interface card, a synchro/resolver measurement, and a synchro/resolver simulator in an 8-slot chassis.

System software is available in either TCASE® or LabVIEW™ which operate under Windows™ application.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>05201013-01</td>
<td>Portable PXI 8-Slot Chassis</td>
<td>1</td>
</tr>
<tr>
<td>05201003-01</td>
<td>PXI 6½-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>05201016-01</td>
<td>PXI Switching Interface Card</td>
<td>1</td>
</tr>
<tr>
<td>05201014-01</td>
<td>PXI Synchro/Resolver Measurement</td>
<td>1</td>
</tr>
<tr>
<td>05201015-01</td>
<td>PXI Synchro/Resolver Simulator</td>
<td>1</td>
</tr>
<tr>
<td>Software</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11070RT</td>
<td>Runtime Software for BRAT® 70</td>
<td></td>
</tr>
</tbody>
</table>

The BRAT® 90, part of the BRAT® family of VXI testers, is a portable ruggedized test system. The BRAT® 90 has a built-in 15-inch LCD screen and a slide-out keyboard with trackpad. The system contains four slots for VXI instruments and 3-unit height for rack mount equipment.

The synchro/resolver test system consists of a DMM, a 32-channel switching card, a vector volt meter, a precision synchro/resolver measurement device, and a precision synchro/resolver simulator device.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI Mainframe Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92103860-03</td>
<td>6½-Digit High-Accuracy Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>05201073-01</td>
<td>VXI Vector Volt Meter</td>
<td>1</td>
</tr>
<tr>
<td>02300530-01</td>
<td>C-Size VXI Mainframe - 4 Slots</td>
<td>1</td>
</tr>
<tr>
<td>05201071-01</td>
<td>Synchro/Resolver Simulator</td>
<td>1</td>
</tr>
<tr>
<td>05201072-01</td>
<td>Synchro/Resolver Measurement</td>
<td>1</td>
</tr>
<tr>
<td>0400009-10</td>
<td>Rack Mount Computer</td>
<td>1</td>
</tr>
<tr>
<td>Software</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11090RT</td>
<td>Runtime Software for BRAT® 90</td>
<td></td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### The BRAT® B101 Test System

Software Subject to License Agreement (Refer to Appendix A)

![B101 Image](image)

**B101**
*(Shown with Three-Phase AC Programmable Power Supply)*

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103849-01</td>
<td>C-Size Mainframe with Command Module</td>
<td>2</td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
<td>3</td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
<td>2</td>
</tr>
<tr>
<td>93000077-01</td>
<td>6½-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000081-01</td>
<td>21 MHz Synthesized Function/Sweep Generator</td>
<td>1</td>
</tr>
<tr>
<td>930000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000326-01</td>
<td>Dynamic Digital (32 Pin Groups - Total of 96 Digital Pins)</td>
<td>2</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD B-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>93000075-01</td>
<td>Relay Matrix</td>
<td>1</td>
</tr>
<tr>
<td>93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>930103535-01</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>94000862-10</td>
<td>Control Assembly</td>
<td>1</td>
</tr>
</tbody>
</table>

**Power**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103573-01</td>
<td>Single-Phase AC Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>1</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
</tbody>
</table>

**Software**

11103RT Runtime Software for BRAT® B103
40001RT Runtime Software for Virtual Spectrum Analyzer
95000037-01RT Runtime Software for Fault Dictionary, D20
950000341-01RT Runtime Software for Guided Probe, D20
00006 BRAT® Logistics Tool (BLT), single-user version

### The BRAT® B103 Test System

Software Subject to License Agreement (Refer to Appendix A)

![B103 Image](image)

**B103**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000068-01</td>
<td>QUAD B-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>93000075-01</td>
<td>Relay Matrix</td>
<td>1</td>
</tr>
<tr>
<td>93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>94000862-10</td>
<td>Control Assembly</td>
<td>1</td>
</tr>
</tbody>
</table>

**Power**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-30</td>
<td>Three-Phase AC Programmable Power Supply (Power Factor Correction Option Available)</td>
<td>1</td>
</tr>
<tr>
<td>94000888-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
</tbody>
</table>

**Software**

11103RT Runtime Software for BRAT® B103
40001RT Runtime Software for Virtual Spectrum Analyzer
95000037-01RT Runtime Software for Fault Dictionary, D20
950000341-01RT Runtime Software for Guided Probe, D20
00006 BRAT® Logistics Tool (BLT), single-user version

**Options Available for the BRAT® B103**

Software Subject to License Agreement (Refer to Appendix A)

**Option 10302** BRAT® B103 Option 02
- 93000326-01 Dynamic Digital (32 Pin Groups)

**Option 10303** BRAT® B103 Option 03
- 92103974-10 Electronic Load Kit
- 96000020-01 Programmable Electronic Load

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® B105 and B305B Test Systems

Software Subject to License Agreement (Refer to Appendix A)

The following items are added to the BRAT® B105 to make the RF BRAT® B305B

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFU Modules</td>
<td></td>
<td></td>
</tr>
<tr>
<td>94000060-10</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000063-10</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000064-10</td>
<td>RF Converter</td>
<td>1</td>
</tr>
<tr>
<td>B500B</td>
<td>BRAT® RF Test System - Option B</td>
<td>1</td>
</tr>
</tbody>
</table>

IEEE

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000855-01</td>
<td>Microwave Signal Generator</td>
<td>1</td>
</tr>
</tbody>
</table>

MMS Units

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000201-01</td>
<td>System Mainframe</td>
<td>3</td>
</tr>
<tr>
<td>93000293-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000155-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000151-01</td>
<td>Local Oscillator</td>
<td>1</td>
</tr>
<tr>
<td>93000173-01</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000156-01</td>
<td>IF Section (100 KHz to 3 MHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000179-01</td>
<td>RF Section (100 Hz to 22 GHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000153-01</td>
<td>Graphics Display</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>Digitizer</td>
<td>1</td>
</tr>
<tr>
<td>93000984-01</td>
<td>Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000200-01</td>
<td>Preamplifier</td>
<td>1</td>
</tr>
<tr>
<td>93000156-01</td>
<td>Modular Synthesized Signal Generator (1 Hz Resolution Option Available)</td>
<td>2</td>
</tr>
<tr>
<td>94000833-01</td>
<td>Frequency Extension Module</td>
<td>1</td>
</tr>
<tr>
<td>94000982-03</td>
<td>Precision Frequency Reference (Internal Distribution Amplifier Option Available)</td>
<td>1</td>
</tr>
</tbody>
</table>

Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11305RT</td>
<td>Runtime Software for BRAT® B305B</td>
<td></td>
</tr>
</tbody>
</table>

Options Available for the BRAT® B305B

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Option 30501A</th>
<th>BRAT® B305B Option 01A (Requires Option 30501)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9500019-03</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator</td>
</tr>
</tbody>
</table>

Option 30502

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAT® B305B Option 02</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000369-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>1</td>
</tr>
</tbody>
</table>

Option 30503

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAT® B305B Option 03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>92103974-10</td>
<td>Electronic Load Kit</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

Option 30504

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAT® B305B Option 04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9500005-03A</td>
<td>Precision Frequency Reference Internal Amplifier Upgrade</td>
<td></td>
</tr>
<tr>
<td>93000156-03A</td>
<td>Modular Synthesized Signal Generator 1 Hz Resolution Upgrade</td>
<td>1</td>
</tr>
<tr>
<td>93000293-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>Option 30505</td>
<td>BRAT® B305B Option 05</td>
<td></td>
</tr>
<tr>
<td>95000018-03</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Multiplexer</td>
<td>1</td>
</tr>
<tr>
<td>Option 30508</td>
<td>BRAT® B305B Option 08</td>
<td></td>
</tr>
<tr>
<td>93000200-03</td>
<td>Preamplifier with Low End Frequency Option</td>
<td></td>
</tr>
<tr>
<td>910000100-00</td>
<td>Retrofit Unit, Taller Rack</td>
<td></td>
</tr>
</tbody>
</table>

Option 30509

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAT® B305B Option 09</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000543-04</td>
<td>Power Factor Correction Upgrade</td>
<td>1</td>
</tr>
</tbody>
</table>

Options Available for the BRAT® B105

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Option 10501</th>
<th>BRAT® B105 Option 01</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Add: 95000049-01</td>
<td>Synchro/Resolver Simulator and Indicator (Qty. 2)</td>
</tr>
<tr>
<td>- Delete: 91003855-03</td>
<td>Synchro/Resolver Simulator and Indicator</td>
</tr>
</tbody>
</table>

Option 10501A

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAT® B105 Option 01A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95000019-03</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator</td>
<td>1</td>
</tr>
</tbody>
</table>

Option 10502

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAT® B105 Option 02</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000369-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>1</td>
</tr>
</tbody>
</table>

Option 10503

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAT® B105 Option 03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>92103974-10</td>
<td>Electronic Load Kit</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

Option 10509

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAT® B105 Option 09</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000543-04</td>
<td>Power Factor Correction Upgrade</td>
<td>1</td>
</tr>
</tbody>
</table>
# The BRAT® B105-A Test System

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103849-01</td>
<td>C-Size Mainframe with Command Module</td>
<td>2</td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
<td>3</td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
<td>2</td>
</tr>
<tr>
<td>93000077-01</td>
<td>6½-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000081-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000087-01</td>
<td>21 MHz Synthesized Function/Sweep Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000088-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000089-01</td>
<td>Dynamic Digital (32 Pin Groups - Total of 160 Digital Pins)</td>
<td>4</td>
</tr>
<tr>
<td>93000090-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>93000091-01</td>
<td>Relay Matrix</td>
<td>1</td>
</tr>
<tr>
<td>93000092-01</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000093-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>95000019-03</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator</td>
<td>1</td>
</tr>
<tr>
<td>94100319-30</td>
<td>Transportable Computer</td>
<td>1</td>
</tr>
</tbody>
</table>

### Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-30</td>
<td>Three-Phase AC Programmable Power Supply (Power Factor Correction Option Available)</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
</tbody>
</table>

### Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>110105RT</td>
<td>Runtime Software for BRAT® B105</td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
</tr>
</tbody>
</table>

### Options Available for the BRAT® B105-A

Software Subject to License Agreement (Refer to Appendix A)

**Option 10501** BRAT® B105 Option 01
- Add: 95000019-01 MIL-STD-1553A/B Bus Analyzer Simulator
- Delete: 92103855-03 Synchro/Resolver Simulator and Indicator (Qty 2)
- Delete: 95000019-03 MIL-STD-1553A/B Bus Analyzer Simulator

**Option 10501A** BRAT® B105 Option 01A
- 95000019-03 MIL-STD-1553A/B Bus Analyzer Simulator

**Option 10502** BRAT® B105 Option 02
- 93000326-01 Dynamic Digital (32 Pin Groups)

**Option 10503** BRAT® B105 Option 03
- 92103974-10 Electronic Load Kit
- 96000520-01 Programmable Electronic Load

**Option 10509** BRAT® B105 Option 09
- 93000543-04 Power Factor Correction Upgrade

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The **BRAT® B305B-A Test System**

Software Subject to License Agreement (Refer to Appendix A)

The following items are added to the **BRAT® B105-A** to make the RF **BRAT® B305B-A**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MMS Units</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94000605-10</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-10</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000604-10</td>
<td>RF Converter</td>
<td>1</td>
</tr>
<tr>
<td>B500B</td>
<td>BRAT® RF Test System - Option B</td>
<td>1</td>
</tr>
<tr>
<td><strong>IEEE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94000855-01</td>
<td>Microwave Signal Generator</td>
<td>1</td>
</tr>
<tr>
<td><strong>MMS Units</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000201-01</td>
<td>System Mainframe</td>
<td>3</td>
</tr>
<tr>
<td>93000293-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000155-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000151-01</td>
<td>Local Oscillator</td>
<td>1</td>
</tr>
<tr>
<td>93000173-01</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>1</td>
</tr>
<tr>
<td><strong>RFIU Modules</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000150-01</td>
<td>IF Section (100 KHz to 3 MHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000179-01</td>
<td>RF Section (100 Hz to 22 GHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000153-01</td>
<td>Graphics Display</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>Digitizer</td>
<td>1</td>
</tr>
<tr>
<td>93000284-01</td>
<td>Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000200-01</td>
<td>Preamplier</td>
<td>1</td>
</tr>
<tr>
<td>93000156-01</td>
<td>Modular Synthesized Signal Generator</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>(1 Hz Resolution Option Available)</td>
<td></td>
</tr>
<tr>
<td>94000833-01</td>
<td>Frequency Extension Module</td>
<td>1</td>
</tr>
<tr>
<td>94000982-03</td>
<td>Precision Frequency Reference</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>(Internal Distribution Amplifier Option Available)</td>
<td></td>
</tr>
</tbody>
</table>

Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11305RT</td>
<td>Runtime Software for BRAT® B305B</td>
<td></td>
</tr>
</tbody>
</table>

**Options Available for the BRAT® B305B-A**

Software Subject to License Agreement (Refer to Appendix A)

**Option 30501A**
- **BRAT® B305B Option 01A (Requires Option 30501)**
  - 95000019-03 MIL-STD-1553A/B Bus Analyzer Simulator

**Option 30502**
- 93000326-01 Dynamic Digital (32 Pin Groups)

**Option 30503**
- **BRAT® B305B Option 03**
  - 92103974-10 Electronic Load Kit
  - 96000080-01 Programmable Electronic Load

**Option 30504**
- **BRAT® B305B Option 04**
  - 95000006-03A Precision Frequency Reference Internal Amplifier Upgrade
  - 93000156-03A Modular Synthesized Signal Generator 1 Hz Resolution Upgrade

**Option 30505**
- **BRAT® B305B Option 05**
  - 95000018-03 Microwave Network Analyzer
  - 95000450-10 Auxiliary RF Signal Processor/Matrix

**Option 30508**
- **BRAT® B305B Option 08**
  - 93000020-03 Preamplier with Low End Frequency Option (100 KHz to 86.5 GHz)

**Option 30509**
- **BRAT® B305B Option 09**
  - 93000054-03 Power Factor Correction Upgrade

**Option 30522**
- **BRAT® B305B Option 22**
  - 93000201-01 System Mainframe
  - 96000003-01 Tracking Generator (90 Hz to 2.9 GHz)

**Option 30523**
- **BRAT® B305B Option 23**
  - B500R Retrofit Unit, Taller Rack
  - 94001241-01 IEEE Programmable Electronic Load (2.5 KW)
  - 96000021-01 1 KW Programmable Power Supply

**Option 30524**
- **BRAT® B305B Option 24**
  - 93000157-01 64-Channel Scanning A/D Converter

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® B103 Test System

Part Number Description Quantity
Analog/Digital
92103849-01 C-Size Mainframe with Command Module 2
93000074-01 64-Channel Relay Multiplexer 3
93000077-01 6½-Digit Digital Multimeter 1
93000078-01 High-Performance Universal Counter 1
93000080-01 Arbitrary Function Generator 1
93000081-01 RF Multiplexer 2
93000082-01 Digital Functional Test (32 Pin Groups) 1
93000085-01 QUAD 8-Bit Digital Input/Output Latch 1
93000075-01 Relay Matrix 1
93000079-01 1-GSa/s Digitizing Oscilloscope 1
93000086-01 Control Assembly 1
Power
93000550-30 Three-Phase AC Programmable Power Supply (Power Factor Correction Option Available) 1
94000887-01 DC Power Supply Frame 2
94000888-01 0 to 7 V Module for DC Power Supply 2
94000889-01 0 to 20 V Module for DC Power Supply 2
94000890-01 0 to 32 V Module for DC Power Supply 2
95000045-01 0 to 160 V Module for DC Power Supply 1
94000891-01 0 to 320 V Module for DC Power Supply 1
Software
11103RT Runtime Software for BRAT® B103
40001RT Runtime Software for Virtual Spectrum Analyzer
95000373-01RT Runtime Software for Fault Dictionary, D20
95000341-01RT Runtime Software for Guided Probe, D90
00006 BRAT® Logistics Tool (BLT), single-user version

The following items are added to the BRAT® B103 to make the RF BRAT® B303C

Part Number Description Quantity
RFIU Modules
94000605-10 RF Output 1
94000603-10 RF Measurement #1 1
95000004-10 Phase Noise Measurement Module 1
B500B BRAT® RF Test System - Option B 1
MMS Units
93000201-01 System Mainframe 3
93000293-01 Power Sensor 1
93000155-01 Power Meter 1
93000151-01 Local Oscillator 1
93000173-01 IF Section (10 Hz to 300 KHz) 1
93000152-01 IF Section (100 KHz to 3 MHz) 1
93000172-01 RF Section (100 Hz to 22 GHz) 1
93000153-01 Graphics Display 1
93000154-01 Digitizer 1
93000984-01 Digitizing Oscilloscope 1
93000200-01 Preamplifier 1
93000156-01 Modular Synthesized Signal Generator (1 Hz Resolution Option Available) 2
Software
94000833-01 Frequency Extension Module 1
94000982-03 Precision Frequency Reference Upgrade (Requires P/N 94000982-03) (Available as an Option)

Options Available for the BRAT® B303C

Software Subject to License Agreement (Refer to Appendix A)
Option 30302 BRAT® B303C Option 02
- 93000326-01 Dynamic Digital (32 Pin Groups)
Option 30303 BRAT® B303C Option 03
- 92103974-10 Electronic Load Kit
- 96000020-01 Programmable Electronic Load
Option 30304 BRAT® B303C Option 04
- 95000005-03A Precision Frequency Reference Internal Amplifier Upgrade (Requires P/N 94000982-03)
- 93000156-03A Modular Synthesized Signal Generator 1 Hz Resolution Upgrade
- 93000293-03 Power Sensor
Option 30305 BRAT® B303C Option 05
- 95000018-03 Microwave Network Analyzer
- 95000450-10 Auxiliary RF Signal Processor/Matrix
Option 30308 BRAT® B303C Option 08
- 93000200-03 Preamplifier with Low End Frequency Option (100 KHz to 22.5 GHz)
Option 30309 BRAT® B303C Option 09
- 93000543-04 Power Factor Correction Upgrade

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
# The BRAT® B305BJ Test System

Software Subject to License Agreement (Refer to Appendix A)

## The BRAT® B305B Test System

### Part Number Description Quantity

**Analog/Digital**
- 92103849-01 C-Size Mainframe with Command Module 2
- 93000074-01 64-Channel Relay Multiplexer 3
- 93000076-01 RF Multiplexer 2
- 93000078-01 RF Multiplexer 2
- 93000077-01 6½-Digit Digital Multimeter 1
- 93000079-01 High-Performance Universal Counter 1
- 93000081-01 21 MHz Synthesized Function/Sweep Generator 1
- 93000091-01 Digital Functional Test (32 Pin Groups - Total of 160 Digital Pins) 4
- 93000068-01 QUAD 8-Bit Digital Input/Output Latch 1
- 93000075-01 Relay Matrix 1
- 93000079-01 16-GSa/s Digitizing Oscilloscope 1
- 93000080-01 Arbitrary Function Generator 1
- 93000081-01 Relay Matrix 1
- 93000079-01 RF Coupler 1
- 93000050-06-01 Modular Synthesized Signal Generator 1 Hz Resolution Upgrade 1

**Power**
- 930000550-30 Three-Phase AC Programmable Power Supply (Power Factor Correction Option Available) 1
- 94000688-01 0 to 7 V Module for DC Power Supply 2
- 94000889-01 0 to 90 V Module for DC Power Supply 2
- 94000890-01 0 to 32 V Module for DC Power Supply 2
- 95000045-01 0 to 160 V Module for DC Power Supply 1
- 94000891-01 0 to 320 V Module for DC Power Supply 1

**RFIU Modules**
- 94000605-10 RF Output 1
- 94000886-01 RF Measurement #1 1
- 94000603-10 RF Converter 1
- 94000887-01 DC Power Supply Frame 1
- 94000888-01 B500B BRAT® RF Test System - Option B 1

**IEEE**
- 94000855-03 Microwave Signal Generator 1

**MMS Units**
- 93000701-01 System Mainframe 3
- 93000893-01 Power Sensor 1
- 93000155-01 Power Meter 1
- 93000151-01 Local Oscillator 1
- 93000173-01 IF Section (10 Hz to 300 KHz) 1
- 93000152-01 IF Section (100 KHz to 3 MHz) 1
- 93000326-01 Dynamic Digital (32 Pin Groups - Total of 4 160 Digital Pins) 1

**Options Available for the BRAT® B305BJ**

Software Subject to License Agreement (Refer to Appendix A)

**Option 30501A** BRAT® B305B Option 01A (Requires Option 30501) 1
- 950000019-01 MIL-STD-1553A/B Bus Analyzer Simulator 1

**Option 30502** BRAT® B305B Option 02 1
- 93000326-01 Dynamic Digital (32 Pin Groups) 1

**Option 30503** BRAT® B305B Option 03 1
- 92103849-01 C-Size Mainframe with Command Module 2

**Option 30504** BRAT® B305B Option 04 1
- 950000005-03A Precision Frequency Reference Internal Amplifier Upgrade 1
- 93000188-01 Modulator Synthesized Signal Generator 1 Hz Resolution Upgrade 1

**Option 30505** BRAT® B305B Option 05 1
- 950000118-03 Microwave Network Analyzer 1

**Option 30506** BRAT® B305B Option 06 1
- 99000020-03 Programmable Electronic Load 1

**Option 30507** BRAT® B305B Option 07 1
- 950000005-03A Precision Frequency Reference Internal Amplifier Upgrade 1

**Option 30508** BRAT® B305B Option 08 1
- 93000152-01 IF Section (100 KHz to 3 MHz) 1

**Option 30509** BRAT® B305B Option 09 1
- 93000293-01 Power Sensor 1

**Option 30522** BRAT® B305B Option 22 1
- 94000603-10 RF Converter 1

**Option 30523** BRAT® B305B Option 23 1
- 93000152-01 IF Section (100 KHz to 3 MHz) 1

### The following items are added to the BRAT® B305B to make the BRAT® B305BJ

Software Subject to License Agreement (Refer to Appendix A)

**Option 30501** BRAT® B305B Option 01A (Requires Option 30501) 1
- 950000019-01 MIL-STD-1553A/B Bus Analyzer Simulator 1

**Option 30502** BRAT® B305B Option 02 1
- 93000326-01 Dynamic Digital (32 Pin Groups) 1

**Option 30503** BRAT® B305B Option 03 1
- 92103849-01 C-Size Mainframe with Command Module 2

**Option 30504** BRAT® B305B Option 04 1
- 950000005-03A Precision Frequency Reference Internal Amplifier Upgrade 1

**Option 30505** BRAT® B305B Option 05 1
- 950000118-03 Microwave Network Analyzer 1

**Option 30506** BRAT® B305B Option 06 1
- 99000020-03 Programmable Electronic Load 1

**Option 30507** BRAT® B305B Option 07 1
- 93000152-01 IF Section (100 KHz to 3 MHz) 1

**Option 30508** BRAT® B305B Option 08 1
- 93000152-01 IF Section (100 KHz to 3 MHz) 1

**Option 30509** BRAT® B305B Option 09 1
- 93000293-01 Power Sensor 1

**Option 30522** BRAT® B305B Option 22 1
- 94000603-10 RF Converter 1

**Option 30523** BRAT® B305B Option 23 1
- 93000152-01 IF Section (100 KHz to 3 MHz) 1

**Option 30524** BRAT® B305B Option 24 1
- 93000152-01 IF Section (100 KHz to 3 MHz) 1

### For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### The BRAT® RF303 RF Test System

Software Subject to License Agreement (Refer to Appendix A)

![RF303](image1)

**RF303**

*(Shown with optional Microwave Network Analyzer and Auxiliary RF Signal Processor/Matrix)*

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>RFIU Modules</strong></td>
<td></td>
</tr>
<tr>
<td>94000605-10</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-10</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>95000004-10</td>
<td>Phase Noise Measurement Module</td>
<td>1</td>
</tr>
<tr>
<td>B500BP</td>
<td>BRAT® RF Test System - Option BP</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>MMS Units</strong></td>
<td></td>
</tr>
<tr>
<td>93000901-01</td>
<td>System Mainframe</td>
<td>3</td>
</tr>
<tr>
<td>93000903-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000155-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000151-01</td>
<td>Local Oscillator</td>
<td>1</td>
</tr>
<tr>
<td>93000173-01</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000152-01</td>
<td>IF Section (100 kHz to 3 MHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000179-01</td>
<td>RF Section (100 Hz to 99 GHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000153-01</td>
<td>Graphics Display</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>Digitizer</td>
<td>1</td>
</tr>
<tr>
<td>93000984-01</td>
<td>Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000900-01</td>
<td>Preamplifier</td>
<td>1</td>
</tr>
<tr>
<td>93000156-01</td>
<td>Modular Synthesized Signal Generator</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Frequency Extension Module</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Precision Frequency Reference with Internal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Distribution Amplifier (Available as an Option)</td>
<td></td>
</tr>
<tr>
<td>94000833-01</td>
<td>Microwave Signal Generator</td>
<td>1</td>
</tr>
</tbody>
</table>

### Options Available for the BRAT® RF303

Software Subject to License Agreement (Refer to Appendix A)

**RF303-10**  
BRAT® RF303 RF Test System with Options 04/05

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

### The BRAT® RF305 RF Test System

Software Subject to License Agreement (Refer to Appendix A)

![RF305](image2)

**RF305**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>RFIU Modules</strong></td>
<td></td>
</tr>
<tr>
<td>94000605-10</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-10</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000604-10</td>
<td>RF Converter</td>
<td>1</td>
</tr>
<tr>
<td>B500B</td>
<td>BRAT® RF Test System - Option B</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>IEEE</strong></td>
<td></td>
</tr>
<tr>
<td>94000855-01</td>
<td>Microwave Signal Generator</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>MMS Units</strong></td>
<td></td>
</tr>
<tr>
<td>93000901-01</td>
<td>System Mainframe</td>
<td>3</td>
</tr>
<tr>
<td>93000903-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000155-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000151-01</td>
<td>Local Oscillator</td>
<td>1</td>
</tr>
<tr>
<td>93000173-01</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000152-01</td>
<td>IF Section (100 kHz to 3 MHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000179-01</td>
<td>RF Section (100 Hz to 99 GHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000153-01</td>
<td>Graphics Display</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>Digitizer</td>
<td>1</td>
</tr>
<tr>
<td>93000984-01</td>
<td>Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000900-01</td>
<td>Preamplifier</td>
<td>1</td>
</tr>
<tr>
<td>93000156-01</td>
<td>Modular Synthesized Signal Generator</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Frequency Extension Module</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Precision Frequency Reference with Internal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Distribution Amplifier (Available as an Option)</td>
<td></td>
</tr>
<tr>
<td>94000833-01</td>
<td>Microwave Signal Generator</td>
<td>1</td>
</tr>
<tr>
<td>94000982-03</td>
<td>Precision Frequency Reference</td>
<td>1</td>
</tr>
</tbody>
</table>

### Options Available for the BRAT® RF305

Software Subject to License Agreement (Refer to Appendix A)

**RF305B-10**  
BRAT® RF305 RF Test System with Options 04/05

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### The Transportable BRAT® RF405 RF Test System

**Software Subject to License Agreement (Refer to Appendix A)**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RFIU Modules</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94000605-10</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-10</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000604-10</td>
<td>RF Converter</td>
<td>1</td>
</tr>
<tr>
<td>T500B</td>
<td>Transportable BRAT® RF Test System - Option B</td>
<td>1</td>
</tr>
<tr>
<td><strong>IEEE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94000855-01</td>
<td>Microwave Signal Generator</td>
<td>1</td>
</tr>
<tr>
<td>95000018-03</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>1</td>
</tr>
<tr>
<td><strong>MMS Units</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000201-01</td>
<td>System Mainframe</td>
<td>3</td>
</tr>
<tr>
<td>93000293-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000293-03</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000155-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000151-01</td>
<td>Local Oscillator</td>
<td>1</td>
</tr>
<tr>
<td>93000173-01</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000152-01</td>
<td>IF Section (100 KHz to 3 MHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000172-01</td>
<td>RF Section (100 Hz to 22 GHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000153-01</td>
<td>Graphics Display</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>Digitizer</td>
<td>1</td>
</tr>
<tr>
<td>93000284-01</td>
<td>Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000200-01</td>
<td>Preamplifier</td>
<td>1</td>
</tr>
<tr>
<td>93000156-03</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution</td>
<td>2</td>
</tr>
<tr>
<td>94000833-01</td>
<td>Frequency Extension Module</td>
<td>1</td>
</tr>
<tr>
<td>94000982-01</td>
<td>Precision Frequency Reference with Internal Amplifier</td>
<td>1</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® RF305BJ RF Test System

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>96740045-10</td>
<td>L-Band Signal Conditioning Module</td>
<td>1</td>
</tr>
<tr>
<td>96740070-10</td>
<td>Reference Generator Module</td>
<td>1</td>
</tr>
<tr>
<td>96740103-10</td>
<td>CPSM Modulator/Demodulator Module</td>
<td>1</td>
</tr>
<tr>
<td>B500BJ</td>
<td>BRAT® RF Test System - Option BJ</td>
<td>1</td>
</tr>
</tbody>
</table>

IEEE

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>96740017-05</td>
<td>Peak Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>96740019-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>96740021-03</td>
<td>Frequency Synthesizer</td>
<td>1</td>
</tr>
<tr>
<td>96740029-03</td>
<td>Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>96740322-10</td>
<td>Coupler Panel</td>
<td>1</td>
</tr>
</tbody>
</table>

Options Available for the BRAT® RF305BJ

Software Subject to License Agreement (Refer to Appendix A)

Option RF405BJ-100

Option RF405BJ-100 is an option to the Transportable BRAT® RF405BJ RF Test System or the BRAT® RF305BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. The system is used to augment the existing BRAT® RF405BJ RF Test System or BRAT® RF305BJ RF Test System with high power RF and high current AC test capabilities. The option includes an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, a high current AC power supply capable of producing 9 KVA, and a programmable DC electronic load capable of loading up to 4 KW.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>02000136-01</td>
<td>RF Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>02000259-01</td>
<td>Programmable DC Electronic Load</td>
<td>1</td>
</tr>
<tr>
<td>96740022-03</td>
<td>Power Amplifier</td>
<td>1</td>
</tr>
</tbody>
</table>

Option RF405BJ-101

Option RF405BJ-101 is an option to the Transportable BRAT® RF405BJ RF Test System or the BRAT® RF305BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option removes the existing power amplifier and replaces it with an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and adds a programmable DC electronic load capable of loading up to 4 KW.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>02000136-01</td>
<td>RF Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>02000259-01</td>
<td>Programmable DC Electronic Load</td>
<td>1</td>
</tr>
<tr>
<td>96740022-03</td>
<td>Power Amplifier</td>
<td>1</td>
</tr>
</tbody>
</table>

Option RF405BJ-102

Option RF405BJ-102 is an option to the Transportable BRAT® RF405BJ RF Test System or the BRAT® RF305BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option adds an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and a programmable DC electronic load capable of loading up to 4 KW.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>02000136-01</td>
<td>RF Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>02000259-01</td>
<td>Programmable DC Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

Option RF405BJ-200

Option RF405BJ-200 is an option to the Transportable BRAT® RF405BJ RF Test System or the BRAT® RF305BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option removes the existing power amplifier and replaces it with an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and adds a programmable DC electronic load capable of loading up to 4 KW.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>02000136-01</td>
<td>RF Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>02000259-01</td>
<td>Programmable DC Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

Option RF305BJ-500/RF307BJ-500

Option RF305BJ-500/RF307BJ-500 is an option to the Transportable BRAT® RF305BJ RF Test System or the BRAT® RF307BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option removes the existing power amplifier and replaces it with an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and adds a programmable DC electronic load capable of loading up to 4 KW.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>02000136-01</td>
<td>RF Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>02000259-01</td>
<td>Programmable DC Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Options Available for the BRAT® RF405BJ

Option RF405BJ-100
Option RF405BJ-100 is an option to the Transportable BRAT® RF405BJ RF Test System or the BRAT® RF305BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. The system is used to augment the existing BRAT® RF405BJ RF Test System or BRAT® RF305BJ RF Test System with high power RF and high current AC test capabilities. The option includes an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, a high current AC power supply capable of producing 9 KVA, and a programmable DC electronic load capable of loading up to 4 KW.

Part Number Description Quantity
02000136-01 RF Power Amplifier 1
02000259-01 Programmable DC Electronic Load 1
02000136-00 Programmable AC Power Supply 1

Option RF405BJ-101
Option RF405BJ-101 is an option to the Transportable BRAT® RF405BJ RF Test System or the BRAT® RF305BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option removes the existing power amplifier and replaces it with an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and adds a programmable DC electronic load capable of loading up to 4 KW.

Part Number Description Quantity
Add:
02000136-01 RF Power Amplifier 1
02000259-01 Programmable DC Electronic Load 1
Delete:
96740022-03 Power Amplifier 1

Option RF405BJ-102
Option RF405BJ-102 is an option to the Transportable BRAT® RF405BJ RF Test System or the BRAT® RF305BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option adds an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and a programmable DC electronic load capable of loading up to 4 KW.

Part Number Description Quantity
Add:
02000136-03 RF Power Amplifier 1
02000259-03 Programmable DC Electronic Load 1
Delete:
96740022-03 Power Amplifier 1

Option RF405BJ-500/RF407BJ-500
Option RF405BJ-500/RF407BJ-500 is an option to the Transportable BRAT® RF405BJ RF Test System or the Transportable BRAT® RF305BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option removes the existing power amplifier and replaces it with an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and adds a programmable DC electronic load capable of loading up to 4 KW.

Part Number Description Quantity
Add:
02000136-03 RF Power Amplifier 1
02000259-03 Programmable DC Electronic Load 1
Delete:
96740022-03 Power Amplifier 1
The BRAT® Option B201M is a general purpose missile test system utilizing Commercial-Off-The-Shelf (COTS) equipment in a modular design. The tester consists of two rack consoles to test pneumatic and electrical parameters respectively. The reconfigurable consoles allow easy access to all of the modules and room for expansion/reconfiguring. The pneumatic console provides eight lines to the two independent gas supplies. The electronic console interface provides up to 450 pins of signal I/O and switching capability and 600 pins of cable testing capability.

State-of-the-Art Technology
The BRAT® features VXI instrument-on-a-card and modular technologies to provide complex testing capabilities in a compact workstation. The pneumatic pressure and flow rates are controlled by a real time computer system that obtains pressure, temperature, and flow rates and adjusts valves automatically to obtain the desired settings.

Electronic Valve and Servo Motor Testing
The electronic console contains a Driver Simulator Module that provides precision drive signals that are monitored to provide measurement capabilities of servo motor slew rate, motor spin up time, and valve open and close times.

Ordnance Initiator Device Testing
The electronic console contains circuitry to safely test Ordnance Initiator Devices by using controlled currents.

Precision Pneumatic Pressure and Flow Sources
The pneumatic console uses Helium and Nitrogen gas sources to supply a pressure or flow through the gas interface lines.

Pneumatic Console Specifications
Helium Supply/Drain Lines
- Lines: 2 source lines, 3 drain (options for additional lines)
- Pressure: 0 to 4500 PSIG
- Flow Rate: 0.84 to 60 SCFM

Nitrogen Supply Lines
- Lines: 1 source valved to 3 lines
- Pressure: 0 to 250 PSIG

Pressure Regulators
- Range: 0 to 4500 PSIG He, 0 to 250 PSIG N2
- Accuracy: ±30 PSIG He, ±2.5 PSIG N2

Filtration System
- Particle Size: 2 microns

Flowmeters
- Pressure Range: 0 to 400 PSIG He
- Flow Range: 0.84 to 60 SCFM
- Accuracy: ±0.2 SCFM

Metering Valves
- Resolution: 1% increments of open
- Rating: 10,000 PSI

Shutoff Valves
- Rating: 10,000 PSI

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
## Electronic Console Specifications

### Arbitrary Waveform Generator
- **Channels:** 2 output channels
- **Frequency Range:** 1.0 MHz to 25 MHz
- **Amplitude (1 MΩ):** 20 mV to 92 V p-p
- **Amplitude (50 Ω):** 10 mV to 11 V p-p
- **Standard Waveforms:** 8 (sin, triangle, square, pulse, pos ramp, neg ramp, arbitrary, DC)
- **Custom Waveforms:** 64K points, 12-bit data, 50 MHz data rate
- **Modulation Modes:** 6 (FM, PM, AM, PSK, FSK, PWM)

### Relay Matrix
- **Channels:** 192 channels muxed to analog test instruments
- **Voltage:** 200 Vdc max.
- **Current:** 1.5 A carry, 0.5 A switch
- **Bandwidth:** 10 MHz (192 channels)

### Power Amplifier
- **Channels:** 4 channels
- **Gain:** 1 to 10
- **Output:** 90 V p-p max.
- **Frequency:** DC to 150 KHz

### Digital Multimeter
- **AC/DC Voltage:**
  - Range: 30 mV to 300 V
  - Resolution: 10 nV to 100 mV
- **Resistance (2/4 Wire):**
  - Range: 30 Ω to 3 GΩ
  - Resolution: 10 mΩ to 1 KΩ
- **Frequency:**
  - Range: 10 Hz to 1.5 MHz
- **Period:**
  - Range: 0.025 s to 667 ns
- **Sensitivity:** 10 mV rms (sine wave)

### Rack Mount Digital Oscilloscope
- **Channels:** 4
- **Bandwidth:** 200 MHz
- **Storage:** 30K points per channel
- **Resolution:** 8 bits/12 bits in Hi-Res mode
- **Time Scale:** 10 ns/div to 20 s/div
- **Voltage Scale:** 0.001 V/div to 10 V/div
- **Measurements:** 25 automatic measurements

### DC Power Supplies
- **Resolution:** 10 mV
- **Range:**
  - 3 x 0 to 32 Vdc @ 6.25 A
  - 1 x 0 to 40 Vdc @ 5.0 A

### Driver Simulator Module
- **Valve Driver Channels:** 2 each
- **Servo Motor Channels:** 2 each
- **Switch Motor Channels:** 1 each

### Cable Tester
- **Points:** 600 points
- **Insulation Resistance Source:** 500 Vdc @ 1 mA supply
- **Dielectric Strength Source:** 500 Vac @ 1 mA supply
- **Continuity Current Source:** 3.0 A supply
- **Measurements:** Continuity, insulation resistance, dielectric strength
- **Measurement Accuracy:** 10 bits

---

**The BRAT® Option B201M MISSILE TEST SYSTEM** - Software Subject to License Agreement (Refer to Appendix A)

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B35E is a general purpose missile electronics test system utilizing Commercial-Off-The-Shelf (COTS) equipment in a modular design. The test console consists of two ruggedized racks containing the computer system, the power supply system, and three VXI mainframes containing the electronic switching, stimulus, and measurement instrumentation. This system is a functional equivalent to the ATS-E35E test system including the patch panel interface and signal characteristics at this interface. The reconfigurable test system allows easy access to all of the modules and room for expansion/reconfiguring.

**State-of-the-Art Technology**
The BRAT® features VXI instrument-on-a-card and modular technologies to provide complex testing capabilities in a compact workstation.

**High Speed Dynamic Digital**
The clock lines operate at up to 50 MHz while the I/O pins operate at up to 25 MHz. 128K of memory are behind each pin, which can be run continuously or in segments for multiple tests.

**Multiple Programmable DC and AC Supplies**
The power system is a reconfigurable precision power subsystem designed to meet the challenges of high tech ATE.

**Operating Environment**
The standard operating environment is Windows™. The software packages installed are determined by the user’s test requirements.

**Multiple Instrument Synchronization**
Complete access at the interface of all instrument “trigger” signals allows multiple instrument synchronizations, or “event” testing. This technique can reduce the software overhead for a test and increase throughput.

**Measurement Capability to 1.6 GHz**
RF switching is used to route signals of up to 4 GHz. Signal measurement capability is up to 250 MHz in the time domain using the Scope and up to 1.6 GHz in the frequency domain using the Spectrum Analyzer.

**Specifications**

**Computer System**
Rack-mounted Intel Pentium based PC, 17” rack-mounted monitor, rack-mounted keyboard with integral touchpad pointing device. The printer is a high speed laser printer rack-mounted in a peripheral drawer.

**Power Control System**
A single power switch controls the system power on/off function. An Emergency Stop switch is used to remove all station power when depressed. The input power required is three phase, 60 Hz AC power @ 30 A maximum. An hour meter monitors the amount of time the station is powered up.

**Software**
TCASE® Development System with software drivers for each test instrument. Virtual control panels are provided for each test instrument. A password protected menu program is used to select programs to be run. The TBASIC® programming language with integrated debugger is used for instrument control programming and Graphical User Interface presentation. LASAR data post processors, LASAR run time fault dictionary, and probe based diagnostic routines are available for digital testing.

**Power Supplies**

**DC Power Supply**
Nine Programmable DC Supplies
- Resolution: 12 bits
- Range:
  - 2 of 0 to 200 Vdc @ 18.7 A
  - 6 of 0 to 40 Vdc @ 25 A
  - 1 of 0 to 40 Vdc @ 125 A

**AC Power Supply (Three Phase)**
- Frequency Resolution: 0.01 Hz @ 40 to 99.9 Hz
  - 0.05 Hz @ 100 to 999.9 Hz
  - 0.5 Hz @ 1000 to 5000 Hz
- Range: 0 to 312 Vac @ 13 A/phase

**Switching**
- Scanner: 40 of 1 x 8, 1 A, 10 MHz
- General: 48 of SPDT, 5 A, 50 MHz
- Reed: 96 of SPST, 5 A, 50 MHz
- Power: 48 of SPST, 10 A, 50 MHz
- RF: 4 of 1 x 8 coax, 1 GHz
- RF: 8 of 1 x 4 coax, 4 GHz

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B35E
MISSILE ELECTRONICS TEST SYSTEM - Software Subject to License Agreement (Refer to Appendix A)

Digital
Variable Voltage HI: -5 Vdc to +15 Vdc
Variable Voltage LO: -15 Vdc to +5 Vdc
Quantity: 480 bidirectional pins
Pattern Rate: 0 to 95 MHz
Pattern Depth: 128K
Static Relay Driver: 128 I/O pins, 0 to 42 Vdc, 250 mA

Analog Measurement
DMM
Resolution: 6½ digits
Voltage: 30 mV to 300 V
Resistance: 30 Ω to 300 MΩ
Frequency: 10 Hz to 300 KHz

Scope
Channels: 2 channels and trigger
Bandwidth: DC to 250 MHz
Sample Rate: 1 GSa/s
Input Ranges: 2 mV/div to 5 V/div
Vertical Resolution: 8 bits times scale
Time Base: 10 ns/div to 1 s/div

Counter Timer
Channels: 2 input channels
Frequency: 0.001 Hz to 200 MHz
Period: 50 ns to 1000 s
Amplitude: 100 mV p-p to 10 V p-p
Trigger Range: -10.2 V to +10.2 V

Analog Stimulus
Function Generators
Channels: 2 output channels
Frequency Range: 1.0 mHz to 95 MHz
Amplitude (1 MΩ): 20 mV to 22 V p-p
Amplitude (50 Ω): 10 mV to 11 V p-p
Standard Waveforms: 8 (sin, triangle, square, pulse, pos ramp, neg ramp, arbitrary, DC)
Custom Waveforms: 64K points, 12 bit data, 50 MHz data rate
Modulation Modes: 6 (FM, PM, AM, PSK, FSK, PWM)

Pulse Generators
Channels: 2 output channels
Frequency: 10 Hz to 50 MHz
Amplitude (50 Ω): 5 mV p-p to 22 V p-p
Pulse Period: 10 ns to 1 s
Pulse Width: 10 ns to 1 s
Pulse Delay: 120 ns to 1 s
Rise/Fall Times: 3 ns to 150 ns
Modes: 6 (normal, trig, delay trig, burst, gated)

Specifications: BRAT® RF Instruments
RF Synthesizer
Channels: 2 output channels
Frequency Range: 9 KHz to 2.4 GHz
Frequency Resolution: 1 Hz
Output Range: -137 dBm to +25 dBm
Output Resolution: 0.1 dB
Modulation Modes: 5 (FM, PM, AM, FSK, PWM)

Power Meter
Channels: Single channel
Frequency Range: 100 KHz to 110 GHz
Power Range: -70 dBm to +44 dBm
Power Accuracy: 0.02 dB

Spectrum Analyzer
Channels: Single channel
Frequency Range: 100 KHz to 1.6 GHz
Tunable in 2 Hz increments
Readout Accuracy: ±(C.F.x5x10^-8 + RBW accuracy + 103 Hz)
Frequency Stability: 3 x 10^-10 Hz / 100 ms
Phase Noise: < 87 dBc/Hz @ 30 KHz offset
Resolution BW Range: 300 Hz to 3 MHz
RBW Accuracy: 20% of RBW
Selectivity 60 dB/3 dB: 15:1, 4 section filter
Video Bandwidth Range: 3 Hz to 3 MHz
Points per Sweep: 350 to 10000
Step Time: < 120 µs
Power Range: -150 dBm to +20 dBm
Maximum Power (CW): +20 dBm
Display Range: 1 to 10 dB/div
Absolute Level Accy: ±0.5 dB
Freq. Response Accy: ±0.1 dB
Switching Uncertainty: ±0.5 dB
Attenuator Range: 0 to 60 dB in 1 dB steps
Gain Compression (1 dB): -10 dBm
Average Noise Level: < -120 dBm
Input Impedance: 50 Ω

Blower Assembly
Flow Rate: 270 cfm @ 0° water, 160 cfm @ 3° water
Monitor: 3 (temperature, pressure, rate)

Interface
Type: Patch panel (options available)
Signal Pins: 1768
Coax Pins: 308

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
## The Transportable BRAT® R201 Test System

### Part Number Description Quantity

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103849-01</td>
<td>C-Size Mainframe with Command Module</td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
</tr>
<tr>
<td>93000077-01</td>
<td>6½-Digit Digital Multimeter</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
</tr>
<tr>
<td>93000081-01</td>
<td>21 MHz Synthesized Function/Sweep Generator</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
</tr>
<tr>
<td>93000326-01</td>
<td>Dynamic Digital (32 Pin Groups - Total of 96 Digital Pins)</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
</tr>
<tr>
<td>9300075-01</td>
<td>Relay Matrix</td>
</tr>
<tr>
<td>93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
</tr>
<tr>
<td>92103855-03</td>
<td>Synchro/Resolver Simulator and Indicator</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Transportable Computer</td>
</tr>
</tbody>
</table>

### Part Number Description Quantity

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9300570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
</tr>
<tr>
<td>9300326-01</td>
<td>Dynamic Digital (32 Pin Groups - Total of 160 Digital Pins)</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
</tr>
<tr>
<td>9300075-01</td>
<td>Relay Matrix</td>
</tr>
<tr>
<td>93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Transportable Computer</td>
</tr>
</tbody>
</table>

### Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103849-01</td>
<td>Single-Phase AC Programmable Power Supply</td>
</tr>
<tr>
<td>94000886-01</td>
<td>DC Power Supply Frame</td>
</tr>
<tr>
<td>94000886-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
</tr>
<tr>
<td>94000886-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
</tr>
<tr>
<td>94000886-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
</tr>
</tbody>
</table>

### Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11103RT</td>
<td>Runtime Software for BRAT® B103</td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
</tr>
</tbody>
</table>

## The Transportable BRAT® R203 Test System

### Part Number Description Quantity

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
</tr>
<tr>
<td>9300326-01</td>
<td>Dynamic Digital (32 Pin Groups - Total of 160 Digital Pins)</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
</tr>
<tr>
<td>9300075-01</td>
<td>Relay Matrix</td>
</tr>
<tr>
<td>93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Transportable Computer</td>
</tr>
</tbody>
</table>

### Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-30</td>
<td>Three-Phase AC Programmable Power Supply (Power Factor Correction Option Available)</td>
</tr>
<tr>
<td>94000886-01</td>
<td>DC Power Supply Frame</td>
</tr>
<tr>
<td>94000886-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
</tr>
<tr>
<td>94000886-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
</tr>
<tr>
<td>94000886-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
</tr>
</tbody>
</table>

### Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11103RT</td>
<td>Runtime Software for BRAT® B103</td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
</tr>
</tbody>
</table>

### Options Available for the BRAT® R203

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20302</td>
<td>BRAT® R203 Option 02</td>
</tr>
<tr>
<td>20306</td>
<td>BRAT® R203 Option 03</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The Transportable BRAT® R205 and R405B Test Systems

Software Subject to License Agreement (Refer to Appendix A)

### BRAT® R205 Test System

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog/Digital</td>
<td></td>
<td></td>
</tr>
<tr>
<td>92103849-01</td>
<td>C-Size Mainframe with Command Module</td>
<td>2</td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
<td>3</td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
<td>2</td>
</tr>
<tr>
<td>93000077-01</td>
<td>6⅛-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000081-01</td>
<td>21 MHz Synthesized Function/Sweep Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000326-01</td>
<td>Dynamic Digital (32 Pin Groups - Total of 160 Digital Pins)</td>
<td>4</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>93000075-01</td>
<td>Relay Matrix</td>
<td>1</td>
</tr>
<tr>
<td>93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>92103855-03</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>95000019-03</td>
<td>MIL-STD-1553A/B Bus Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Transportable Computer</td>
<td>1</td>
</tr>
</tbody>
</table>

### Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-30</td>
<td>Three-Phase AC Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 90 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
</tbody>
</table>

### Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11105RT</td>
<td>Runtime Software for BRAT® B105</td>
<td></td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td></td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
<td></td>
</tr>
<tr>
<td>95000034-1RT</td>
<td>Runtime Software for Guided Probe, D20</td>
<td></td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td></td>
</tr>
</tbody>
</table>

### Options Available for the BRAT® R205

**Option 20501** BRAT® R205 Option 01
- Add: 95000049-01 Synchro Resolver Simulator and Indicator (Qty. 2)
- Add: 92103855-03 Synchro Resolver Simulator and Indicator
- Add: 9500019-03 MIL-STD-1553A/B Bus Analyzer Simulator

**Option 20509** BRAT® R205 Option 09
- 93000543-04 Power Factor Correction Upgrade

### The following items are added to the BRAT® R205 to make the RF BRAT® R405B

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000605-10</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-10</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000604-10</td>
<td>RF Converter</td>
<td>1</td>
</tr>
<tr>
<td>T500B</td>
<td>Transportable BRAT® RF Test System - Option B</td>
<td>1</td>
</tr>
</tbody>
</table>

### IEEE

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000855-01</td>
<td>Microwave Signal Generator</td>
<td>1</td>
</tr>
</tbody>
</table>

### MMS Units

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000021-01</td>
<td>System Mainframe</td>
<td>3</td>
</tr>
<tr>
<td>93000032-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000015-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000151-01</td>
<td>Local Oscillator</td>
<td>1</td>
</tr>
<tr>
<td>93000173-01</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000158-01</td>
<td>IF Section (100 KHz to 3 MHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000179-01</td>
<td>RF Section (100 Hz to 22 GHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000153-01</td>
<td>Graphics Display</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>Digitizer</td>
<td>1</td>
</tr>
<tr>
<td>93000284-01</td>
<td>Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000200-01</td>
<td>Preamplifier</td>
<td>1</td>
</tr>
<tr>
<td>93000156-01</td>
<td>Modular Synthesized Signal Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000833-01</td>
<td>Frequency Extension Module</td>
<td>2</td>
</tr>
<tr>
<td>94000982-03</td>
<td>Precision Frequency Reference</td>
<td>1</td>
</tr>
<tr>
<td>93000293-03</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
</tbody>
</table>

**Software**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11305RT</td>
<td>Runtime Software for BRAT® B305</td>
<td></td>
</tr>
</tbody>
</table>

### Options Available for the BRAT® R405B

**Software Subject to License Agreement (Refer to Appendix A)**

**Option 40501A** BRAT® R405B Option 01A (Requires Option 40501)
- 95000019-03 MIL-STD-1553A/B Bus Analyzer Simulator

**Option 40509** BRAT® R405B Option 09
- 93000005-03A Power Factor Correction Upgrade

**Option 40504** BRAT® R405B Option 04
- 95000015-06A Modular Synthesized Signal Generator 1 Hz Resolution Upgrade

**Option 40505** BRAT® R405B Option 05
- 95000018-03 Microwave Network Analyzer

**Option 40506** BRAT® R405B Option 06
- 94100294-10 Transportable Network Analyzer Case

**Option 40508** BRAT® R405B Option 08
- 93000002-03 Preamp with Low End Frequency Option (100 KHz to 26.5 GHz)

**Option 40509** BRAT® R405B Option 09
- 93000543-04 Power Factor Correction Upgrade

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

R405B
(Shown with Option 40503, Option 40505, and Option 40506)
The Transportable BRAT® R403C Test System

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Analog/Digital</th>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103849-01</td>
<td>C-Size Mainframe with Command Module</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>93000077-01</td>
<td>6½-Digit Digital Multimeter</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>93000081-01</td>
<td>51 MHz Synthesized Function/Sweep Generator</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>93000082-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>93000083-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>93000085-01</td>
<td>Relay Matrix</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>93000086-01</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>93000087-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>94100318-30</td>
<td>Transportable Computer</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000055-30</td>
<td>Three-Phase AC Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000088-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000088-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000089-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
</tbody>
</table>

Software

<table>
<thead>
<tr>
<th>Software</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11103RT</td>
<td>Runtime Software for BRAT® B103</td>
<td>1</td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
<td>1</td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D90</td>
<td>1</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td>1</td>
</tr>
</tbody>
</table>

The following items are added to the BRAT® R203 to make the RF BRAT® R403C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000605-10</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>95000060-10</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>95000004-10</td>
<td>Phase Noise Measurement Module</td>
<td>1</td>
</tr>
<tr>
<td>1500BP</td>
<td>Transportable BRAT® RF Test System - Option BP</td>
<td>1</td>
</tr>
</tbody>
</table>

MMS Units

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000201-01</td>
<td>System Mainframe</td>
<td>3</td>
</tr>
<tr>
<td>93000293-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000155-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000151-01</td>
<td>Local Oscillator</td>
<td>1</td>
</tr>
<tr>
<td>93000173-01</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000152-01</td>
<td>IF Section (100 KHz to 3 MHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000172-01</td>
<td>RF Section (100 Hz to 92 GHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000153-01</td>
<td>Graphics Display</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>Digitizer</td>
<td>1</td>
</tr>
<tr>
<td>93000984-01</td>
<td>Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000920-01</td>
<td>Preamplifier</td>
<td>1</td>
</tr>
<tr>
<td>93000156-01</td>
<td>Modular Synthesized Signal Generator</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>(1 Hz Resolution Option Available)</td>
<td></td>
</tr>
<tr>
<td>94000833-01</td>
<td>Frequency Extension Module</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Precision Frequency Reference</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(P/N 94000892-03) (Available as an Option)</td>
<td>1</td>
</tr>
</tbody>
</table>

Software

<table>
<thead>
<tr>
<th>Software</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11303RT</td>
<td>Runtime Software for BRAT® B303C</td>
<td>1</td>
</tr>
</tbody>
</table>

Options Available for the BRAT® R403C

Software Subject to License Agreement (Refer to Appendix A)

Option 40302 BRAT® R403C Option 02
- 93000032-01 Dynamic Digital (32 Pin Groups)

Option 40303 BRAT® R403C Option 03
- 94100320-10 Electronic Load Kit for Transportable
- 96000020-01 Programmable Electronic Load

Option 40304 BRAT® R403C Option 04
- 95000005-03A Precision Frequency Reference Internal Amplifier Upgrade (Requires P/N 94000920-03)
- 93000156-03A Modular Synthesized Signal Generator 1 Hz Resolution Upgrade

Option 40305 BRAT® R403C Option 05 (Requires Option 06)
- 95000018-01 Microwave Network Analyzer
- 95000450-10 Auxiliary RF Signal Processor/Matrix

Option 40306 BRAT® R403C Option 06
- 94100924-10 Transportable Network Analyzer Case

Option 40308 BRAT® R403C Option 08
- 93000200-03 Preamplifier with Low End Frequency Option (100 KHz to 26.5 GHz)

Option 40309 BRAT® R403C Option 09
- 93000543-04 Power Factor Correction Upgrade

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### The Transportable BRAT® R405BJ Test System

Software Subject to License Agreement (Refer to Appendix A)

---

#### BRAT® R405B Test System

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000982-01</td>
<td>Frequency Extension Module</td>
<td>1</td>
</tr>
<tr>
<td>93000983-01</td>
<td>Module Synthesized Signal Generator (1 Hz Resolution Option Available)</td>
<td>2</td>
</tr>
<tr>
<td>93000006-01</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td>1</td>
</tr>
<tr>
<td>93000007-01</td>
<td>RF Multiplexer</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000077-01</td>
<td>6½-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
<td>2</td>
</tr>
<tr>
<td>93000075-01</td>
<td>Relay Matrix</td>
<td>1</td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
<td>3</td>
</tr>
<tr>
<td>92103849-01</td>
<td>C-Size Mainframe with Command Module</td>
<td>2</td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
<td>3</td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
<td>2</td>
</tr>
<tr>
<td>93000077-01</td>
<td>6½-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000077-01</td>
<td>6½-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
<td>2</td>
</tr>
<tr>
<td>93000075-01</td>
<td>Relay Matrix</td>
<td>1</td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
<td>3</td>
</tr>
<tr>
<td>92103849-01</td>
<td>C-Size Mainframe with Command Module</td>
<td>2</td>
</tr>
</tbody>
</table>

#### R405BJ

(Shown with Option 40503, Option 40505, Option 40506, and Option RF405BJ-500/RF407BJ-500)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000326-01</td>
<td>Dynamic Digital (32 Pin Groups - Total of 160 Digital Pins)</td>
<td>4</td>
</tr>
<tr>
<td>92103855-03</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>95000019-03</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator</td>
<td>1</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Transportable Computer</td>
<td>1</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000326-01</td>
<td>Dynamic Digital (32 Pin Groups - Total of 160 Digital Pins)</td>
<td>4</td>
</tr>
<tr>
<td>92103855-03</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>95000019-03</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator</td>
<td>1</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Transportable Computer</td>
<td>1</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000326-01</td>
<td>Dynamic Digital (32 Pin Groups - Total of 160 Digital Pins)</td>
<td>4</td>
</tr>
<tr>
<td>92103855-03</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>95000019-03</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator</td>
<td>1</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Transportable Computer</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Software

<table>
<thead>
<tr>
<th>Software</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11305RT</td>
<td>Runtime Software for BRAT® B305B</td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
</tr>
<tr>
<td>95000034-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
</tr>
</tbody>
</table>

#### Options Available for the BRAT® R405BJ

Software Subject to License Agreement (Refer to Appendix A)

Option 40501A

BRAT® R405B Option 01A (Requires Option 40501)

- 93000156-01A Modular Synthesized Signal Generator 1 Hz Resolution Upgrade
- 93000093-03 Power Sensor
- 95000019-09 Microwave Network Analyzer
- 95000450-10 Auxiliary RF Signal Processor/Matrix

Option 40510A

BRAT® R405B Option 02

- 93000326-01A Dynamic Digital (32 Pin Groups)
- 94100355-10 Electronic Load Kit for Transportable
- 96000080-01 Programmable Electronic Load

Option 40504

BRAT® R405B Option 04

- 95000005-03A Precision Frequency Reference Internal Amplifier Upgrade
- 93000156-03A Modular Synthesized Signal Generator 1 Hz Resolution Upgrade
- 93000093-03 Power Sensor

Option 40505

BRAT® R405B Option 05 (Requires Option 06)

- 93000326-01A Dynamic Digital (32 Pin Groups)
- 94100355-10 Electronic Load Kit for Transportable
- 96000080-01 Programmable Electronic Load

Option 40506

BRAT® R405B Option 06

- 93000326-01A Dynamic Digital (32 Pin Groups)
- 94100355-10 Electronic Load Kit for Transportable
- 96000080-01 Programmable Electronic Load

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### The Transportable BRAT® R406 Test System

Software Subject to License Agreement (Refer to Appendix A)

#### R406

(Shown with Option 40605)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog/Digital</td>
<td></td>
<td></td>
</tr>
<tr>
<td>92103849-01</td>
<td>C-Size Mainframe with Command Module</td>
<td>2</td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
<td>3</td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
<td>2</td>
</tr>
<tr>
<td>93000077-01</td>
<td>6½-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000081-01</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000082-01</td>
<td>IF Section (100 KHz to 3 MHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000083-01</td>
<td>RF Section (100 Hz to 22 GHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000084-01</td>
<td>Graphics Display</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>Digitizer</td>
<td>1</td>
</tr>
<tr>
<td>93000156-01</td>
<td>Modular Synthesized Signal Generator</td>
<td>2</td>
</tr>
<tr>
<td>94000833-01</td>
<td>Frequency Extension Module</td>
<td>1</td>
</tr>
<tr>
<td>94000982-03</td>
<td>Precision Frequency Reference</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>93000069-01</td>
<td>Relay Matrix</td>
<td>1</td>
</tr>
<tr>
<td>93000070-01</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000071-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>92103855-03</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>95000019-03</td>
<td>MIL-STD-1553A/B Switch</td>
<td>1</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Transportable Computer</td>
<td>1</td>
</tr>
</tbody>
</table>

#### RFIU Modules

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000065-10</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000063-10</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000064-10</td>
<td>RF Converter</td>
<td>1</td>
</tr>
<tr>
<td>T500B</td>
<td>Transportable BRAT® RF Test System - Option B</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11306RT</td>
<td>Runtime Software for BRAT® B306</td>
<td>1</td>
</tr>
<tr>
<td>4001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D90</td>
<td>1</td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D90</td>
<td>1</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Options Available for the BRAT® R406

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40602</td>
<td>BRAT® R406 Option 02</td>
</tr>
<tr>
<td>40603</td>
<td>BRAT® R406 Option 03</td>
</tr>
<tr>
<td>40604</td>
<td>BRAT® R406 Option 04</td>
</tr>
<tr>
<td>40605</td>
<td>BRAT® R406 Option 05 (Requires Option 06)</td>
</tr>
<tr>
<td>40606</td>
<td>BRAT® R406 Option 06</td>
</tr>
<tr>
<td>40608</td>
<td>BRAT® R406 Option 08</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

---

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B504 is a 50 MHz digital test system utilizing Commercial-Off-The-Shelf (COTS) equipment in a modular design. The reconfigurable assembly allows easy access to all of the modules as well as room for expansion/reconfiguring. The interface provides from 320 to 640 high speed digital input/output pins, analog test points, and AC and DC Power.

**State-of-the-Art Technology**
The BRAT® features VXI instrument-on-a-card and modular technologies to provide complex testing capabilities in a compact workstation.

**High Speed Dynamic Digital**
The I/O pins operate at up to a full 50 MHz data rate. The system offers 64K Vectors per Channel, RAM-Backed and Algorithmic Pattern Generation, NRZ, RZ, RONE, RTC, and RI Output Data Formats, and 16 Stimulus Timing Generators per Module.

**Multiple Programmable AC and DC**
The power system is a reconfigurable precision power subsystem designed to meet the challenges of high tech ATE.

**High Channel Density**
Each Module provides 32 stimulus pins and 32 response pins in a single C-size slot. Up to 20 I/O modules may be controlled by a single Control Module. Input and output pins are grouped on separate connectors, providing the most efficient method of interfacing to the UUT. Bidirectional capability is accomplished by externally connecting the input pins to the output pins.

**Seven Distinct I/O Memory Types**
Each Module contains seven separate memory banks, each 64K vectors in depth, for generating stimulus patterns, expected response patterns, and recording UUT response data. All memory banks operate at full 50 MHz data rates.

The Stimulus Memories consist of the Output, Tri-state, and Algorithmic Output Memories. The Output Memory contains the actual data patterns to be generated to the UUT. Tri-state Memory provides tri-state control which supports bidirectional I/O. The Algorithmic Output Memory determines which algorithmic pattern will be output.

The Response Memories consist of the Expect, Mask, and Algorithmic Expect memories. The Expect Memory contains the expected response data for the UUT and is the basis for input compare operations. The Mask Memory determines which patterns are to be ignored for input response comparison. Algorithmic Expect Memory determines which algorithmic expect pattern will be compared against the UUT input response.

Record Memory is used to store either the UUT response data or the result of the comparison between the UUT response data and the expected response pattern.

**Data Formatting with Precise Edge Placement**
Stimulus pins may be independently programmed for any of the following data formats: Non-Return to Zero (NRZ), Return to Zero (RZ), Return to One (R1), Return to Complement (RC), and Return to Inhibit/Tri-state (RI).

Each Module contains 16 timing generators for stimulus edge placement and pulse width timing. Output pins can select from 2 pairs of timing generators to define the leading and trailing edges of each signal pin. Groups of eight output pins share an independent set of 2 timing generator pairs for a total of 8 stimulus timing generator sets per card. 100 ps edge placement resolution provides precise UUT timing for bus emulation testing, memory testing, and functional testing.

Response pins can select from 2 response timing generators to define the sample and compare edges, or the 2 response timing generators can be combined together for window compare with glitch detection.

**Test Languages**
TBASIC®
(options available)

---

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B504

HIGH SPEED DIGITAL TEST SYSTEM - Software Subject to License Agreement (Refer to Appendix A)

Specifications

Power Supplies

DC Power Supply

Six Programmable DC Supplies
Resolution: 10 mVA
Range:  
2 x 0 to 7 Vdc @ 15 A
2 x 0 to 20 Vdc @ 10 A
2 x 0 to 32 Vdc @ 6.25 A

AC Power Supply

AC Supply: (750 VA)
Frequency: Range: 0 to 5 KHz
Resolution: 1 Hz
Amplitude
(750 VA Max.): Range: 0 to 130 Vac
Resolution: 1 Vac

Digital Multimeter

AC/DC Voltage: Range: 30 mV to 300 V
Resolution: 10 nV to 100 μV
Resistance
(2/4 Wire): Range: 30 Ω to 3 GΩ
Resolution: 10 μΩ to 1 KΩ
Frequency: Range: 10 Hz to 1.5 MHz
Period: Range: 0.025 s to 667 ns

Options Available for the BRAT® Option B504

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option 100</td>
<td>Option 100 for the BRAT® Option B504</td>
<td></td>
</tr>
<tr>
<td></td>
<td>includes the following configuration:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Increased pin count from 640 to 832</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- 960000002-01 50 MHz TTL/CMOS/</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Pattern Module</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- 96000007-03 50 MHz Variable I/O Module,</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>504 Configured, Dual Termination</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- 96000013-01 Timing Module</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Extension Card (Dual)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- 96000013-03 Timing Module</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Extension Card (Single)</td>
<td></td>
</tr>
</tbody>
</table>

| Option 500        | Option 500 for the BRAT® Option B504             |          |
|                   | (Requires Option 100)                            |          |
|                   | includes the following configuration:            |          |
|                   | - Additional memory depth of 1 megavector        |          |
|                   | per card of 96 pins totaling 3 cards             |          |
|                   | - Programmable target generator for generating   |          |
|                   | low phase noise and low spurious signals        |          |

| Option 600        | Option 600 for the BRAT® Option B504             |          |
|                   | allows the system to be operated as a stand-alone|          |
|                   | test system. It includes the following:         |          |
|                   | - 94000086-10 Control Assembly                   |          |
|                   | - 960000925-01 PCI-MXI-2 Card                    |          |
|                   | - 96000070-01 Right Angle Point/Right Angle      |          |
|                   | Daisy Chain MXI-2 Cable                         |          |
|                   | - 92103696-05 GPIB Cable                         |          |
|                   | In addition, the Runtime software should be     |          |
|                   | moved from the existing front end or an additional|          |
|                   | Runtime system must be purchased.                |          |

Part Number Description Quantity
92103573-01 Single-Phase AC Programmable Power Supply 1
93000074-01 64-Channel Relay Multiplexer 1
93000077-01 6½-Digit Digital Multimeter 1
94000887-01 DC Power Supply Frame 1
94000888-01 0 to 7 V Module for DC Power Supply 2
94000889-01 0 to 20 V Module for DC Power Supply 2
94000890-01 0 to 32 V Module for DC Power Supply 2
96000014-03 High Power Mainframe - 13 Slots 2
96000015-03 AC Current Sharing Power Supply 1
96000016-01 VXI-MXI-2 Kit 1
96000017-01 VXI-MXI-2 Extender 1

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B507 is an option to the BRAT® Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. The system is used to augment the existing BRAT® capabilities to test power supplies. The tester includes additional electronic loads (1.8 KW total dissipation) to test output voltages and analog bulk power supplies. A 1 KW, 33 A programmable DC supply is provided as prime DC power to test power supplies.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>6</td>
</tr>
<tr>
<td>96000021-01</td>
<td>1 KW Programmable Power Supply</td>
<td>1</td>
</tr>
</tbody>
</table>

**Options Available for the BRAT® Option B507**

**Option B507-100**

Option B507-100 provides an additional 1 KW power supply to double the available testing voltage or current.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>6</td>
</tr>
<tr>
<td>96000021-01</td>
<td>1 KW Programmable Power Supply</td>
<td>2</td>
</tr>
</tbody>
</table>

**Option B507-200**

Option B507-200 provides 6 additional programmable electronic loads and 1 additional DC power supply frame.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>12</td>
</tr>
<tr>
<td>96000021-01</td>
<td>1 KW Programmable Power Supply</td>
<td>1</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® B509 is a double rack, stand-alone, high voltage, high power test system utilizing Commercial-Off-The-Shelf (COTS) equipment in a modular design. Its primary use is as Automatic Test Equipment (ATE) for power supplies with a wide range of input and output requirements. Easy access to all of the modules as well as room for expansion/reconfiguring are allowed by the physical reconfigurable assembly. The tester includes 7 programmable DC power supplies with outputs ranging from 40 V to 1 KV, 14 programmable loads from 300 W up to 750 W, a 4-channel, 500 MHz oscilloscope, and DMM with high voltage probe capabilities up to 12 KV. The quick disconnect, high density interface includes high current loading capabilities at 50 A per pin and dedicated pins for general purpose switching.

Specifications

7 Programmable DC Power Supplies
- 0 to 40 Vdc @ 25 A (Qty. 2)
- 0 to 150 Vdc @ 7 A (Qty. 2)
- 0 to 600 Vdc @ 1.7 A (Qty. 2)
- 0 to 1000 Vdc @ 0.2 A (Qty. 1)

Three-Phase AC Power Supply
- 350 Vac @ 13 A (Qty. 1)

Programmable Loads
- 60 A, 60 V, 300 W Modules (Qty. 6)
- 30 A, 120 V, 300 W Modules (Qty. 6)
- 15 A, 400 V, 750 W Modules (Qty. 2)

High Voltage Digital Multimeter
- 1.2 KV × 1 Atten Input
- 12 KV × 10 Atten (Qty. 1)

Digitizing Oscilloscope
- Bandwidth: 500 MHz
- Channels: 4
- Maximum Input Voltage: ±400 V

Options Available for the BRAT® B509
Software Subject to License Agreement (Refer to Appendix A)
- High Power RF
- Cooling Forced Air
- Additional DC Power
- Additional Loading

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B511 is an option to the BRAT® Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. The system is used to augment the existing BRAT® capabilities to test rate of change of altitude or pressure. Air Data Test Set System is a user-friendly, self-contained, computerized, high-accuracy pressure management system integrated into a compact, stand-alone unit or transportable unit (for flight line use) that does not require any source of shop air or vacuum pumps. BRAT® Option B511 can measure an input or control an output pressure and display the results as steady state altitude or air speed, or as rate of change of altitude or air speed. Information for both pressure channels is provided on a color VGA display. There are ten different display screens that provide user information. Results can be displayed in English or Metric. BRAT® Option B511 can perform internal self tests, indicating any errors to the operator. The test set can be used to conduct:

- Dynamic tests
- Quantitative tests
- Pneumatic leak tests

**Specifications**

Range:
- Ps: -4000 to 100,000 feet (103.5 inches HgA)
- Pt: 90 to 1000 knots

Accuracy: 0.01% FS including linearity, hysteresis, repeatability, and temperature after zeroing at operating temperature

Resolution:
- Pressure up to 1 ppm
- Altitude 0.1 foot

Response Time: Less than 0.2 seconds for FS step with no digital filtering

Warm-Up: Approximately 45 minutes to achieve full accuracy

Zero Drift: 0.01% FS max. 1 week

Span Drift: 0.01% FS max. 90 days

Internal Pump: Direct drive, low noise, permanently lubricated and sealed bearings

**Options Available for the BRAT® Option B511**

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B512 is an option to the BRAT® Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. The system is used to augment the existing BRAT® capabilities to test high power RF systems and measure X-band phase noise. The X-Band Phase Noise High Power RF Test System is a transportable computer controlled system consisting of six transportable cases.

- Case 1 contains the AC Power Distribution Drawer for all six cases and an RF Interface/Phase Balance Measurement Unit
  - 94100500-130 Electronic Power Control Center - Single Phase
  - 94000606-XX RF Controller
  - 94100554-10 Phase Balance Module
  - 94100766-10 Timing Generator Module
- Case 2 contains the X-Band Phase Noise Measurement Unit
  - 94101013-10 Phase Noise Measurement System Reference Source Unit
  - 94101130-01 Phase Noise Measurement System
- Case 3 contains the Peak Power Meter
  - 96740017-07 Dual-Channel Peak Power Meter (96740017-03)
  - 94100604-01 Frequency Counter
- Case 4 contains a Waveguide Pressurization Unit and Blower Assembly
  - 94100671-10 Waveguide Pressurization Unit and Blower Assembly
- Case 5/6 contains a High Current AC Power Supply
  - 94100508-01 Dual High Current AC Power Supply

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B514A HUD Analysis System, when coupled to a fully configured BRAT® System with an ATTI Programmable Video Generator, provides a complete HUD Electro-Optical Test solution. This is the most versatile and highest performance display generation and analysis system presently available. This hybrid configuration offers high speed (a complex symbol can be analyzed in 1/10 second), extraordinary precision (all display elements can be measured to 1/1000 inch or even 100 micro inches and characterized in two-dimensional or three-dimensional coordinates), and unique versatility. Any display that can be viewed by the human eye is analyzable - direct view CRT, Head Up Display, projection CRT, holographic imaging, laser scanned imaging, LCD, LED, and even the printed page. The E-O Bench system works as a ‘precision eye’. It exceeds the performance of the actual eye by a comfortable metrological factor without imposing any limitations on the display being analyzed. Photometric measurements extend from less than 1 foot Lambert to more than 20,000 foot Lamberts. Tristimulus colorimetry is available as an option. Automatic focus is a standard feature. Fully automated, complex test procedures are quickly accomplished through easy interface with the user’s test control computer.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>02300550-10</td>
<td>Monitor Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300591-10</td>
<td>Controller Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300593-10</td>
<td>Video Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300531-10</td>
<td>Transport/Camera Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300532-10</td>
<td>Boresight Bench Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300533-10</td>
<td>Reference Tool Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300534-10</td>
<td>Accessory 1 Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300535-10</td>
<td>Accessory 2 Case Assembly</td>
<td>1</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® 514B1 Stand-Alone (A-10) HUD Test System is coupled to an optimally configured, expandable BRAT® System with an ATTI Programmable Video Generator and provides a complete HUD Electro-Optical Test solution. This is the most versatile and highest performance display generation and analysis system presently available. This hybrid configuration offers high speed (a complex symbol can be analyzed in 1/10 second), extraordinary precision (all display elements can be measured to 1/1000 inch or even 100 micro inches and characterized in two-dimensional or three-dimensional coordinates), and unique versatility. Any display that can be viewed by the human eye is analyzable - direct view CRT, Head Up Display, projection CRT, holographic imaging, laser scanned imaging, LCD, LED, and even the printed page. The E-O Bench system works as a ‘precision eye’. It exceeds the performance of the actual eye by a comfortable metrological factor without imposing any limitations on the display being analyzed. Photometric measurements extend from less than 1 foot Lambert to more than 20,000 foot Lamberts. Tristimulus colorimetry is available as an option. Automatic focus is a standard feature. Fully automated, complex test procedures are quickly accomplished through easy interface with the user’s test control computer.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>02300520-10</td>
<td>Monitor Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300521-10</td>
<td>Controller Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300523-10</td>
<td>Video Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300531-10</td>
<td>Transport/Camera Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300532-10</td>
<td>Boresight Bench Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300533-10</td>
<td>Reference Tool Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300534-10</td>
<td>Accessory 1 Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>02300535-10</td>
<td>Accessory 2 Case Assembly</td>
<td>1</td>
</tr>
<tr>
<td>92103849-01</td>
<td>C-Size Mainframe with Command Module</td>
<td>2</td>
</tr>
<tr>
<td>93000074-01</td>
<td>64-Channel Relay Multiplexer</td>
<td>3</td>
</tr>
<tr>
<td>93000076-01</td>
<td>RF Multiplexer</td>
<td>2</td>
</tr>
<tr>
<td>93000077-01</td>
<td>6½-Digit Digital Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000075-01</td>
<td>Relay Matrix</td>
<td>1</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Transportable Computer</td>
<td>1</td>
</tr>
<tr>
<td>92103573-01</td>
<td>Single-Phase AC Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>1</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B520

COMM/NAV TEST SYSTEM - Software Subject to License Agreement (Refer to Appendix A)

Part Number Description Quantity
96000021-01 1 KW Programmable Power Supply 1
01000503-01 Audio Demodulator (Spectrum Analyzer) 1
01000503-03 Audio Demodulator (Accessory Module) 1
94000104-10 RF Interface Unit (RFIU) Mainframe 1
94000279-270 Microcontroller CCA (BRAT® 520) 1
03000003-01 Output Switch Module 1

Options Available for the BRAT® Option B520
Software Subject to License Agreement (Refer to Appendix A)

Option B520-100 (Requires BRAT® Option B520)
- 01000501-01 Signal Generator 1
- 01000502-01 Navigation Support Instrument 1
- 03000004-01 Measurement Switch Module 1
- 03000005-10 Noise Figure Meter with Noise Source 1

Option B520-200 (Requires BRAT® Option B520 and Option B520-100)
- 01000500-01 Dual-Channel Satellite Simulator 1

Option B520-300
Option B520-300 for the BRAT® Option B520 converts the Test System to the transportable version.

Option B520-400
The JTIDS TACAN B520 is an option to the BRAT® Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. The system is used to augment the existing BRAT® capabilities to test communication and navigation equipment. This suite of instrumentation is especially suited to test TACAN and other military navigation and communication equipment.

RFIU Modules
- 07040313-50 RF Controller 1
- 01001523-10 Comm/Nav I/O Module 1

VXI
- 92103987-01 VXI Mainframe 1
- 92105233-01 VXI-MXI-3 Command Module 1
- 07030001-10 Z50 Digital VXI Module 4

Rack Mount
- 01001522-01 TACAN/Transponder/Interrogator 1
- 01001521-01 Communications Test Set 1

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® Option B520-50

RADIO TEST SYSTEM - Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>96000021-01</td>
<td>1 KW Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>01000503-01</td>
<td>Audio Demodulator (Spectrum Analyzer)</td>
<td>1</td>
</tr>
<tr>
<td>94000104-10</td>
<td>RF Interface Unit (RFIU) Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>94000979-270</td>
<td>Microcontroller CCA (BRAT® 520)</td>
<td>1</td>
</tr>
<tr>
<td>01000511-01</td>
<td>Radio Test Module</td>
<td>1</td>
</tr>
</tbody>
</table>

The BRAT® Option B530

RADIO TEST SYSTEM - Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>96000021-01</td>
<td>1 KW Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>01000503-01</td>
<td>Audio Demodulator (Spectrum Analyzer)</td>
<td>1</td>
</tr>
<tr>
<td>01000503-03</td>
<td>Audio Demodulator (Accessory Module)</td>
<td>1</td>
</tr>
<tr>
<td>94000104-10</td>
<td>RF Interface Unit (RFIU) Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>94000979-990</td>
<td>Microcontroller CCA (BRAT® 530)</td>
<td>1</td>
</tr>
<tr>
<td>03000003-01</td>
<td>Output Switch Module</td>
<td>1</td>
</tr>
</tbody>
</table>
The BRAT® Option 535 is an option to the BRAT® Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. The system is used to augment the existing BRAT® capabilities to test Satellite Communications (SATCOM) equipment. In addition, the BRAT® Option 535 Test System will test communication equipment at various IF frequencies in the UHF, L, X, and Ku bands of operation.

System capabilities include:
- Modulation: QPSK, OQPSK, BPSK
- Encryption: Reed Solomon, Viterbi, COMSEC (KYK-13, CYZ-10)
- Bit Rates: Up to 55 Mbps or up to 330 Mbps Composite Rate
- Measurement of 70 MHz IF, 140 MHz IF, 1700 MHz IF
- Simulation of 70 MHz IF, 140 MHz IF, 1700 MHz IF
- Waveguide pressurization and leak detection

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF Interface Unit (RFIU)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RFIU Modules</td>
<td></td>
<td></td>
</tr>
<tr>
<td>940000606-930</td>
<td>Controller Module</td>
<td>1</td>
</tr>
<tr>
<td>08010007-10</td>
<td>Conversion Switching Module</td>
<td>1</td>
</tr>
<tr>
<td>08010008-10</td>
<td>Fiber Optic Interface Module</td>
<td>1</td>
</tr>
<tr>
<td>Rack Mount</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08010003-01</td>
<td>Bit Error Rate Tester (BERT)</td>
<td>1</td>
</tr>
<tr>
<td>08010006-01</td>
<td>Advance Satellite Modem</td>
<td>1</td>
</tr>
<tr>
<td>08010004-01</td>
<td>UHF Satellite Modem</td>
<td>1</td>
</tr>
<tr>
<td>08010002-01</td>
<td>UHF Up/Down Converter</td>
<td>1</td>
</tr>
<tr>
<td>08010002-03</td>
<td>X-Band Up/Down Converter</td>
<td>1</td>
</tr>
<tr>
<td>08010002-05</td>
<td>Ku-Band Up Converter</td>
<td>1</td>
</tr>
<tr>
<td>08010002-07</td>
<td>Ku-Band 1 Down Converter</td>
<td>1</td>
</tr>
<tr>
<td>08010002-09</td>
<td>Ku-Band 2 Down Converter</td>
<td>1</td>
</tr>
<tr>
<td>08010001-10</td>
<td>Waveguide Pressurization Unit</td>
<td>1</td>
</tr>
</tbody>
</table>
The 580 Automated and Manual Test Station Suite is a computer controlled Automated Test Equipment (ATE) suite consisting of interconnected/integrated test stations that operate as a single system using LabVIEW™ and TestStand. The test equipment I/O is wired to a test fixture interface consisting of MIL-DTL-38999/10 Series II connectors. The ATE suite utilizes Commercial-Off-The-Shelf (COTS) equipment mounted in standard 19" racks with input power distribution and emergency shutoff and front panel controls. The ATE suite allows for future expansion of test capabilities, is capable of fulfilling RTD&E requirements, and the operating system allows for AC station testing capabilities and configuration. Also furnished is an ATE suite self test (hardware and software) for use in determining ATE suite mission readiness and for performance acceptance testing.
The 107B Test System is Functionally Equivalent to the B105 with Expanded Functionality

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>2</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI Mainframe Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92105233-03</td>
<td>VXI-MXI-3 Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92103860-03</td>
<td>6½-Digit High-Accuracy Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104021-01</td>
<td>Precision PLL Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104022-01</td>
<td>300 MS/s Frequency Agile Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000326-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>5</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>94001249-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>92103855-05</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>04000067-01</td>
<td>Serial Bus Analyzer/Simulator</td>
<td>1</td>
</tr>
<tr>
<td>0400009-10</td>
<td>Rack Mount Computer</td>
<td>1</td>
</tr>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction</td>
<td>1</td>
</tr>
<tr>
<td>940000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>940000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>940000890-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>940000891-01</td>
<td>0 to 35 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>940000891-01</td>
<td>0 to 350 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>92103974-10</td>
<td>Electronic Load Kit</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td></td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D80</td>
<td></td>
</tr>
<tr>
<td>950000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
<td></td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td></td>
</tr>
</tbody>
</table>
The **BRAT® 307B Test System**

Software Subject to License Agreement (Refer to Appendix A)

The 307B Test System is Functionally Equivalent to the B305B with Expanded Functionality

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>2</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI Mainframe Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92105233-03</td>
<td>VXI-MXI-3 Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92103860-03</td>
<td>6½-Digit High-Accuracy Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104021-01</td>
<td>Precision PLL Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104026-01</td>
<td>300 MS/s Frequency Agile Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000326-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>5</td>
</tr>
<tr>
<td>93000668-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>94001249-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>92103855-05</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>04000067-01</td>
<td>Serial Bus Analyzer/Simulator</td>
<td>1</td>
</tr>
<tr>
<td>04000009-10</td>
<td>Rack Mount Computer</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>92103988-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000605-30</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-30</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000604-30</td>
<td>RF Converter</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92105233-01</td>
<td>VXI-MXI-3 Controller</td>
<td>1</td>
</tr>
<tr>
<td>94001946-01</td>
<td>VXI Microwave Synthesizer, 10 MHz to 20 GHz</td>
<td>2</td>
</tr>
<tr>
<td>94001947-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000993-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000993-03</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000044-01</td>
<td>Universal Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>04000045-01</td>
<td>CW Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000046-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>94001948-01</td>
<td>PSA Series Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>94001949-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>94001953-03</td>
<td>Microwave Synthesizer</td>
<td>1</td>
</tr>
<tr>
<td>95000018-07</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
<td>1</td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
<td>1</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td>1</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The 309B Test System is Functionally Equivalent to the B305B with Expanded Functionality

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>92103974-10</td>
<td>Electronic Load Kit</td>
<td>1</td>
</tr>
<tr>
<td>96000090-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
<tr>
<td>RF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>94100500-230</td>
<td>Electronic Power Control Center</td>
<td>1</td>
</tr>
<tr>
<td>93000693-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000693-03</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>RFIU Modules</td>
<td></td>
<td></td>
</tr>
<tr>
<td>94000605-30</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-30</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000604-30</td>
<td>RF Converter</td>
<td>1</td>
</tr>
<tr>
<td>IEEE and MXI-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92105333-01</td>
<td>VXI-MXI-3 Controller</td>
<td>1</td>
</tr>
<tr>
<td>94001246-01</td>
<td>VXI Microwave Synthesizer, 10 MHz to 20 GHz</td>
<td>2</td>
</tr>
<tr>
<td>94000855-01</td>
<td>Microwave Signal Generator</td>
<td>1</td>
</tr>
<tr>
<td>95000018-03</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>1</td>
</tr>
<tr>
<td>MMS Units</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000201-01</td>
<td>System Mainframe</td>
<td>2</td>
</tr>
<tr>
<td>93000093-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000155-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000151-01</td>
<td>Local Oscillator</td>
<td>1</td>
</tr>
<tr>
<td>93000152-01</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000153-01</td>
<td>IF Section (100 KHz to 3 MHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>IF Section (100 Hz to 22 GHz)</td>
<td>1</td>
</tr>
<tr>
<td>93000159-01</td>
<td>Graphics Display</td>
<td>1</td>
</tr>
<tr>
<td>93000154-01</td>
<td>Digitizer</td>
<td>1</td>
</tr>
<tr>
<td>93000284-01</td>
<td>Digitizing Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000285-03</td>
<td>Preampifier with Low End Frequency Option</td>
<td>1</td>
</tr>
<tr>
<td>94000982-01</td>
<td>Precision Frequency Reference with Internal Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>Software</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td></td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
<td></td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
<td></td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td></td>
</tr>
</tbody>
</table>
The BRAT® 107-C Test System

The 107-C Test System is Functionally Equivalent to the B105-A with Expanded Functionality

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog/Digital</td>
<td></td>
<td></td>
</tr>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>2</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI Mainframe Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92105233-03</td>
<td>VXI-MXI-3 Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92103860-03</td>
<td>6½-Digit High-Accuracy Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104021-01</td>
<td>Precision PLL Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104022-01</td>
<td>300 MS/s Frequency Agile Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000326-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>5</td>
</tr>
<tr>
<td>93000008-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>94001949-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>92103855-05</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>04000006-01</td>
<td>Serial Bus Analyzer/Simulator</td>
<td>1</td>
</tr>
<tr>
<td>04000009-10</td>
<td>Rack Mount Computer</td>
<td>1</td>
</tr>
<tr>
<td>Power</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>92103974-10</td>
<td>Electronic Load Kit</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
<tr>
<td>Software</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td></td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D90</td>
<td></td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D90</td>
<td></td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td></td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The **BRAT® 307-C Test System**

Software Subject to License Agreement (Refer to Appendix A)

The 307-C Test System is Functionally Equivalent to the B305B-A with Expanded Functionality

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>92103974-10</td>
<td>Electronic Load Kit</td>
<td>1</td>
</tr>
<tr>
<td>96000000-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RF Rack</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94100500-230</td>
<td>Electronic Power Control Center</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RFIU Modules</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94000605-30</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-30</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000604-30</td>
<td>RF Converter</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IEEE and MXI-3</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92105233-01</td>
<td>VXI-MXI-3 Controller</td>
<td>1</td>
</tr>
<tr>
<td>94001246-01</td>
<td>VXI Microwave Synthesizer, 10 MHz to 20 GHz</td>
<td>2</td>
</tr>
<tr>
<td>94001247-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000029-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000029-03</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000044-01</td>
<td>Universal Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>04000045-01</td>
<td>CW Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000046-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>94001248-01</td>
<td>PSA Series Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>94001249-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>94001253-03</td>
<td>Microwave Synthesizer</td>
<td>1</td>
</tr>
<tr>
<td>95000018-07</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Software</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
<td>1</td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
<td>1</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td>1</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
## The BRAT® 307BJ Test System

Software Subject to License Agreement (Refer to Appendix A)

### BRAT® 307-C Test System

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>2</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI Mainframe Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92105233-03</td>
<td>VXI-MXI-3 Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92103860-03</td>
<td>6½-Digit High-Accuracy Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>9300078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>9300080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104021-01</td>
<td>Precision PLL Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104092-01</td>
<td>300 MS/s Frequency Agile Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000396-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>5</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>94001249-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>92103855-01</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>04000067-01</td>
<td>Serial Bus Analyzer/Simulator</td>
<td>1</td>
</tr>
<tr>
<td>04000009-10</td>
<td>Rack Mount Computer</td>
<td>1</td>
</tr>
</tbody>
</table>

### Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000899-01</td>
<td>0 to 90 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000900-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>92103974-10</td>
<td>Electronic Load Kit</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

### Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000000-01</td>
<td>Runtime Software for Fault Dictionary, D20</td>
<td>1</td>
</tr>
<tr>
<td>95000034-01</td>
<td>Runtime Software for Guided Probe, D20</td>
<td>1</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td>1</td>
</tr>
</tbody>
</table>

### The following items are added to the BRAT® 307-C to make the BRAT® 307BJ

#### IEEE

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>96740045-10</td>
<td>L-Band Signal Conditioning Module</td>
<td>1</td>
</tr>
<tr>
<td>96740070-10</td>
<td>Reference Generator Module</td>
<td>1</td>
</tr>
<tr>
<td>96740130-10</td>
<td>CPSM Modulator/Demodulator Module</td>
<td>1</td>
</tr>
<tr>
<td>8500BJ</td>
<td>BRAT® RF Test System - Option BJ</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>96740017-05</td>
<td>Peak Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>96740019-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>96740021-03</td>
<td>Frequency Synthesizer</td>
<td>1</td>
</tr>
<tr>
<td>96740022-03</td>
<td>Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>96740322-10</td>
<td>Coupler Panel</td>
<td>1</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### The BRAT® 308B Test System

The 308B Test System is Functionally Equivalent to the B303C with Expanded Functionality

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>92103974-10</td>
<td>Electronic Load Kit</td>
<td>1</td>
</tr>
<tr>
<td>960000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
<tr>
<td><strong>RF</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94100500-230</td>
<td>Electronic Power Control Center</td>
<td>1</td>
</tr>
<tr>
<td><strong>RFIU Modules</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94000605-30</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-30</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>95000004-30</td>
<td>Phase Noise Measurement Module</td>
<td>1</td>
</tr>
<tr>
<td><strong>IEEE and MXI-3</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92105933-01</td>
<td>VXI-MXI-3 Controller</td>
<td>1</td>
</tr>
<tr>
<td>94001246-01</td>
<td>VXI Microwave Synthesizer, 10 MHz to 20 GHz</td>
<td>2</td>
</tr>
<tr>
<td>94001247-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000293-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000099-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000004-01</td>
<td>Universal Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>04000045-01</td>
<td>CW Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000046-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>94001248-01</td>
<td>PSA Series Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>94001249-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>95000018-07</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>1</td>
</tr>
<tr>
<td><strong>Software</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td></td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
<td></td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
<td></td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td></td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The BRAT® RF307 RF Test System

**Part Number** | **Description** | **Quantity**
--- | --- | ---
94100500-230 | Electronic Power Control Center | 1

**RFIU Modules**
- 94000605-30 RF Output
- 94000603-30 RF Measurement #1
- 94000604-30 RF Converter

**IEEE and MXI-3**
- 92103987-01 VXI Mainframe
- 92105233-01 VXI-MXI-3 Controller
- 94001946-01 VXI Microwave Synthesizer, 10 MHz to 20 GHz
- 94001947-01 Power Meter
- 93000993-01 Power Sensor
- 93000993-03 Power Sensor
- 04000044-01 Universal Power Meter
- 04000045-01 CW Power Sensor
- 04000046-01 Peak Power Sensor
- 94001948-01 PSA Series Spectrum Analyzer
- 94001949-01 5 GS/s Digital Phosphor Oscilloscope
- 94001953-03 Microwave Synthesizer
- 95000018-07 Microwave Network Analyzer
- 95000450-10 Auxiliary RF Signal Processor/Matrix

The Transportable BRAT® RF407 RF Test System

**Part Number** | **Description** | **Quantity**
--- | --- | ---
94100500-230 | Electronic Power Control Center | 1

**RFIU Modules**
- 94000605-30 RF Output
- 94000603-30 RF Measurement #1
- 94000604-30 RF Converter

**IEEE and MXI-3**
- 92103987-01 VXI Mainframe
- 92105233-01 VXI-MXI-3 Controller
- 94001946-01 VXI Microwave Synthesizer, 10 MHz to 20 GHz
- 94001947-01 Power Meter
- 93000993-01 Power Sensor
- 93000993-03 Power Sensor
- 04000044-01 Universal Power Meter
- 04000045-01 CW Power Sensor
- 04000046-01 Peak Power Sensor
- 94001948-01 PSA Series Spectrum Analyzer
- 94001949-01 5 GS/s Digital Phosphor Oscilloscope
- 94001953-03 Microwave Synthesizer
- 95000018-07 Microwave Network Analyzer
- 95000450-10 Auxiliary RF Signal Processor/Matrix

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
## The BRAT® RF308 RF Test System

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF Rack</td>
<td>RF Rack Description</td>
<td>1</td>
</tr>
<tr>
<td>94100500-230</td>
<td>Electronic Power Control Center</td>
<td>1</td>
</tr>
</tbody>
</table>

### RFIU Modules

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000605-30</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-30</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>95000004-30</td>
<td>Phase Noise Measurement Module</td>
<td>1</td>
</tr>
</tbody>
</table>

### IEEE and MXI-3

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92105923-01</td>
<td>VXI-MXI-3 Controller</td>
<td>1</td>
</tr>
<tr>
<td>94001946-01</td>
<td>VXI Microwave Synthesizer, 10 MHz to 20 GHz</td>
<td>2</td>
</tr>
<tr>
<td>94001947-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000293-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000293-03</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000044-01</td>
<td>Universal Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>04000045-01</td>
<td>CW Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000046-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>94001248-01</td>
<td>PSA Series Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>94001249-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>95000018-07</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>1</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### The BRAT® RF307BJ RF Test System

**Software Subject to License Agreement (Refer to Appendix A)**

#### Part Number Description Quantity

**RFIU Modules**
- 96740045-10 L-Band Signal Conditioning Module 1
- 96740070-10 Reference Generator Module 1
- 96740103-10 CPSM Modulator/Demodulator Module 1
- B500BJ BRAT® RF Test System - Option BJ 1

**IEEE**
- 96740017-05 Peak Power Meter 1
- 96740019-01 Peak Power Sensor 1
- 96740021-03 Frequency Synthesizer 1
- 96740022-03 Power Amplifier 1
- 96740322-10 Coupler Panel 1

#### Options Available for the BRAT® RF307BJ

**Software Subject to License Agreement (Refer to Appendix A)**

**Option RF307BJ-102**
Option RF307BJ-102 is an option to the BRAT® RF307BJ RF Test System or the Transportable BRAT® RF407BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option adds an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and a programmable DC electronic load capable of loading up to 4 KW.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>02000136-01</td>
<td>RF Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>02000259-01</td>
<td>Programmable DC Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

**Option RF307BJ-200**
Option RF307BJ-200 is a High Frequency Probe Kit that contains a high frequency probe, oscilloscope probes, and a DMM probe as well as test leads, DIP clips, and assorted test accessories.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>96740956-110</td>
<td>High Frequency Probe Kit</td>
<td>1</td>
</tr>
</tbody>
</table>

**Option RF307BJ-300**
Option RF307BJ-300 adds resistance and insulation measurement capabilities via a cable tester.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>956500065-03</td>
<td>Cable Tester</td>
<td>1</td>
</tr>
</tbody>
</table>

**Option RF305BJ-500/RF307BJ-500**
Option RF305BJ-500/RF307BJ-500 is an option to the BRAT® RF305BJ RF Test System or the BRAT® RF307BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option removes the existing power amplifier and replaces it with an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and adds a programmable DC electronic load capable of loading up to 4 KW.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02000136-03</td>
<td>RF Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>02000259-03</td>
<td>Programmable DC Electronic Load</td>
<td>1</td>
</tr>
<tr>
<td>Delete:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>96740022-03</td>
<td>Power Amplifier</td>
<td>1</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The Transportable BRAT® RF407BJ RF Test System

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

### Part Number | Description | Quantity
--- | --- | ---
96740045-10 | L-Band Signal Conditioning Module | 1
96740070-10 | Reference Generator Module | 1
96740103-10 | CPSM Modulator/Demodulator Module | 1
B500BJ | BRAT® RF Test System - Option BJ | 1

### IEEE
- 96740017-05 | Peak Power Meter | 1
- 96740019-01 | Peak Power Sensor | 1
- 96740021-03 | Frequency Synthesizer | 1
- 96740022-03 | Power Amplifier | 1
- 96740322-10 | Coupler Panel | 1

### Options Available for the BRAT® RF407BJ

**Option RF307BJ-102**
Option RF307BJ-102 is an option to the BRAT® RF307BJ RF Test System or the Transportable BRAT® RF407BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option adds an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and a programmable DC electronic load capable of loading up to 4 KW.

### Part Number | Description | Quantity
--- | --- | ---
02000136-01 | RF Power Amplifier | 1
02000259-01 | Programmable DC Electronic Load | 1

**Option RF405BJ-500/RF407BJ-500**
Option RF405BJ-500/RF407BJ-500 is an option to the Transportable BRAT® RF405BJ RF Test System or the Transportable BRAT® RF407BJ RF Test System utilizing Commercial-Off-The-Shelf (COTS) equipment. This option removes the existing power amplifier and replaces it with an RF power amplifier capable of producing up to 1000 W pulsed RF at 30% duty cycle, and adds a programmable DC electronic load capable of loading up to 4 KW.

### Part Number | Description | Quantity
--- | --- | ---
Add:
- 02000136-03 | RF Power Amplifier | 1
- 02000259-03 | Programmable DC Electronic Load | 1
Delete:
- 96740022-03 | Power Amplifier | 1
The BRAT® 185 Stand-Alone TACAN Test System is an organizational and intermediate level tester designed to work with various TACAN instruments. This system can simulate another TACAN instrument, including a beacon or a receiver/transmitter, at various ranges and bearings. The system can measure transmitter peak power and modulation percentage, and receiver sensitivity and selectivity, along with many other parameters. The system can also measure indicator and display accuracies, making use of synchro/resolver signal analysis. In addition, the system can simulate the TACAN control function. Options are available for additional requirements.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI Mainframe Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92103860-03</td>
<td>6½-Digit High-Accuracy Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>92103855-03</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>04000009-10</td>
<td>Rack Mount Computer</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>1</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RF Rack</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94100500-50</td>
<td>Electronic Power Control Center - Single Phase</td>
<td>1</td>
</tr>
<tr>
<td>01000502-01</td>
<td>Navigation Support Instrument</td>
<td>1</td>
</tr>
<tr>
<td>01000186-01</td>
<td>TACAN Control Unit</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Software</th>
<th>Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>11185RT</td>
<td>Runtime Software for BRAT® 185</td>
<td></td>
</tr>
</tbody>
</table>

Options Available for the BRAT® 185
Software Subject to License Agreement (Refer to Appendix A)
11185 Development Software for BRAT® 185
The Transportable BRAT® 207B Test System

Software Subject to License Agreement (Refer to Appendix A)

The 207B Test System is Functionally Equivalent to the R205 with Expanded Functionality

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>2</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI Mainframe Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92105233-03</td>
<td>VXI-MXI-3 Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92103860-03</td>
<td>6½-Digit High-Accuracy Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104021-01</td>
<td>Precision PLL Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104092-01</td>
<td>300 MS/s Frequency Agile Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000396-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>5</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>94001249-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>92103855-05</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>040000067-01</td>
<td>Serial Bus Analyzer/Simulator</td>
<td>1</td>
</tr>
<tr>
<td>04000009-10</td>
<td>Rack Mount Computer</td>
<td>1</td>
</tr>
</tbody>
</table>

Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>94100355-10</td>
<td>Electronic Load Kit for Transportable</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D80</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
</tr>
</tbody>
</table>
## The Transportable BRAT® 407B Test System

The 407B Test System is Functionally Equivalent to the R405B with Expanded Functionality

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Power</strong></td>
<td></td>
</tr>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94105000-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>94100355-10</td>
<td>Electronic Load Kit for Transportable</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>RF Rack</strong></td>
<td></td>
</tr>
<tr>
<td>94100500-230</td>
<td>Electronic Power Control Center</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>RFIU Modules</strong></td>
<td></td>
</tr>
<tr>
<td>94000605-30</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-30</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000604-30</td>
<td>RF Converter</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>IEEE and MXI-3</strong></td>
<td></td>
</tr>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92105333-01</td>
<td>VXI-MXI-3 Controller</td>
<td>1</td>
</tr>
<tr>
<td>94001946-01</td>
<td>VXI Microwave Synthesizer, 10 MHz to 20 GHz</td>
<td>2</td>
</tr>
<tr>
<td>94001947-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000993-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000993-03</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000044-01</td>
<td>Universal Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>04000045-01</td>
<td>CW Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000046-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>94001948-01</td>
<td>PSA Series Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>94001949-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>94001953-03</td>
<td>Microwave Synthesizer</td>
<td>1</td>
</tr>
<tr>
<td>95000018-07</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Software</strong></td>
<td></td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td></td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
<td></td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
<td></td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td></td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
# The Transportable BRAT® 407BJ Test System

Software Subject to License Agreement (Refer to Appendix A)

## BRAT® 407B Test System

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Analog/Digital</strong></td>
<td></td>
</tr>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>2</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI Mainframe Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92105233-03</td>
<td>VXI-MXI-3 Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92103860-03</td>
<td>6½-Digit High-Accuracy Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104021-01</td>
<td>Precision PLL Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104092-01</td>
<td>300 MS/s Frequency Agile Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000396-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>5</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>94001249-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>9103855-05</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>1</td>
</tr>
<tr>
<td>04000067-01</td>
<td>Serial Bus Analyzer/Simulator</td>
<td>1</td>
</tr>
<tr>
<td>04000009-10</td>
<td>Rack Mount Computer</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>RF Rack</strong></td>
<td></td>
</tr>
<tr>
<td>94100500-230</td>
<td>Electronic Power Control Center</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>RFIU Modules</strong></td>
<td></td>
</tr>
<tr>
<td>94000605-30</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-30</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>94000604-30</td>
<td>RF Converter</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>IEEE and MXI-3</strong></td>
<td></td>
</tr>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92105233-01</td>
<td>VXI-MXI-3 Controller</td>
<td>1</td>
</tr>
<tr>
<td>94001246-01</td>
<td>VXI Microwave Synthesizer, 10 MHz to 20 GHz</td>
<td>2</td>
</tr>
<tr>
<td>94001247-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000293-03</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000293-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000044-01</td>
<td>Universal Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>04000045-01</td>
<td>CW Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000046-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>94001248-01</td>
<td>PSA Series Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>94001249-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>94001253-03</td>
<td>Microwave Synthesizer</td>
<td>1</td>
</tr>
<tr>
<td>95000018-07</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>1</td>
</tr>
</tbody>
</table>

## Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 9 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000455-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94105050-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>94100355-10</td>
<td>Electronic Load Kit for Transportable</td>
<td>1</td>
</tr>
<tr>
<td>96000900-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

# 407BJ

(Shown with Option RF405BJ-500/RF407BJ-500)

## Software

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td></td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
<td></td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
<td></td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td></td>
</tr>
</tbody>
</table>

## The following items are added to the BRAT® 407B to make the BRAT® 407BJ

### RFIU Modules

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>96740045-10</td>
<td>L-Band Signal Conditioning Module</td>
<td>1</td>
</tr>
<tr>
<td>96740070-10</td>
<td>Reference Generator Module</td>
<td>1</td>
</tr>
<tr>
<td>96740103-10</td>
<td>CPSM Modulator/Demodulator Module</td>
<td>1</td>
</tr>
<tr>
<td>B500BJ</td>
<td>BRAT® RF Test System - Option BJ</td>
<td>1</td>
</tr>
</tbody>
</table>

### IEEE

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>96740017-05</td>
<td>Peak Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>96740019-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>96740021-03</td>
<td>Frequency Synthesizer</td>
<td>1</td>
</tr>
<tr>
<td>96740029-03</td>
<td>Power Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>96740322-10</td>
<td>Coupler Panel</td>
<td>1</td>
</tr>
</tbody>
</table>
The Transportable BRAT® 408B Test System

Software Subject to License Agreement (Refer to Appendix A)

The 408B Test System is Functionally Equivalent to the R403C with Expanded Functionality

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI Mainframe Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92105233-03</td>
<td>VXI-MXI-3 Command Module</td>
<td>1</td>
</tr>
<tr>
<td>92103860-03</td>
<td>6½-Digit High-Accuracy Multimeter</td>
<td>1</td>
</tr>
<tr>
<td>93000078-01</td>
<td>High-Performance Universal Counter</td>
<td>1</td>
</tr>
<tr>
<td>93000080-01</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104021-01</td>
<td>Precision PLL Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>92104022-01</td>
<td>300 MS/s Frequency Agile Waveform Generator</td>
<td>1</td>
</tr>
<tr>
<td>93000570-01</td>
<td>Digital Functional Test (32 Pin Groups)</td>
<td>1</td>
</tr>
<tr>
<td>93000396-01</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>5</td>
</tr>
<tr>
<td>93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>1</td>
</tr>
<tr>
<td>94001949-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>93000506-01</td>
<td>32-Channel, 5 A, Form C Switch</td>
<td>1</td>
</tr>
<tr>
<td>04000009-10</td>
<td>Rack Mount Computer</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>94100355-10</td>
<td>Electronic Load Kit for Transportable</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94000605-30</td>
<td>RF Output</td>
<td>1</td>
</tr>
<tr>
<td>94000603-30</td>
<td>RF Measurement #1</td>
<td>1</td>
</tr>
<tr>
<td>95000004-30</td>
<td>Phase Noise Measurement Module</td>
<td>1</td>
</tr>
</tbody>
</table>

### Power

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000550-50</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction</td>
<td>1</td>
</tr>
<tr>
<td>94000887-01</td>
<td>DC Power Supply Frame</td>
<td>2</td>
</tr>
<tr>
<td>94000888-01</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000889-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>94000890-01</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>2</td>
</tr>
<tr>
<td>95000043-01</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>3</td>
</tr>
<tr>
<td>95000045-01</td>
<td>0 to 160 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94000891-01</td>
<td>0 to 20 V Module for DC Power Supply</td>
<td>1</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>1</td>
</tr>
<tr>
<td>94100355-10</td>
<td>Electronic Load Kit for Transportable</td>
<td>1</td>
</tr>
<tr>
<td>96000020-01</td>
<td>Programmable Electronic Load</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103987-01</td>
<td>VXI Mainframe</td>
<td>1</td>
</tr>
<tr>
<td>92105233-03</td>
<td>VXI-MXI-3 Command Module</td>
<td>1</td>
</tr>
<tr>
<td>94001246-01</td>
<td>VXI Microwave Synthesizer, 10 MHz to 20 GHz</td>
<td>2</td>
</tr>
<tr>
<td>94001247-01</td>
<td>Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>93000993-01</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>93000993-03</td>
<td>Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000044-01</td>
<td>Universal Power Meter</td>
<td>1</td>
</tr>
<tr>
<td>04000045-01</td>
<td>CW Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>04000046-01</td>
<td>Peak Power Sensor</td>
<td>1</td>
</tr>
<tr>
<td>94001948-01</td>
<td>PSA Series Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>94001949-01</td>
<td>5 GS/s Digital Phosphor Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>95000018-07</td>
<td>Microwave Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td></td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D90</td>
<td></td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software for Guided Probe, D90</td>
<td></td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td></td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The HCATS-101 Test System

Software Subject to License Agreement (Refer to Appendix A)

The Hyper Custom ATS (HCATS) is an economical, Commercial-Off-The-Shelf (COTS), flexible test system based on our proven open architecture of commercial equipment and modular system design principles. Its primary use is as Automatic Test Equipment (ATE), either through test programming languages or by the use of the latest object-oriented graphical programming interfaces. The packaging allows for easy access to all of the modules and provides room for expansion. The interface provides over 200 universal analog test points, 192 dynamic digital test points, 64 static digital test points, and an impedance-matched integrated instrument backplane to reduce the number and complexity of ITAs.

State-of-the-Art Technology

The HCATS-101 features PXI, VXI, LXI, and IP modular technologies to provide the required testing capabilities in a compact workstation.

High Speed Dynamic Digital

The I/O pins are per clock bi-directional and operate at up to 50 MHz. One Meg of memory are behind each pin, which can be run continuously or in segments for multiple tests. LASAR Post Processing, fault dictionaries, and guided probe capabilities are included.

Multiple Programmable DC and Variable DC Power Supplies

The power system is designed to meet the challenges of high tech ATE. This specific group is designed to meet the needs of the Comet and DTS70 Unit Under Test (UUT) requirements.

Operating Environment

The standard operating environment is Windows™. The software package installed is TCASE®, which encompasses all of the runtime system software. The typical environment includes software libraries to execute TBasic® test programs and numerous ATS operation and maintenance utilities. Also included are runtime engines which support IVI compliant OEM objects and National Instruments VISA, LabVIEW™, and Labwindows™.

Measurement Capability to 330 MHz

Dedicated RF channels are used to route signals of up to 3 GHz to the analog bus; however, instrument measurement capability in the standard configuration is to 330 MHz.

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The Munitions Capable BRAT® (MCBRAT®) tests smart weapons systems. It initiates Built-In-Test (BIT), provides BIT status, and uploads/downloads and verifies applicable software, including mission planning data resident in the smart weapon. MCBRAT® is designed for operation in harsh flight line environments.

MCBRAT® conforms to MIL-STD-1760 Class II interface and links with the weapon via a common MIL-STD-1760 connector. MCBRAT® consists of:

- A ruggedized and self-contained laptop computer controller
- Serial RS-232 Communications
- Serial RS-422 Communications
- MIL-STD-1553 Interface
- PCMCIA Interface (external accessible)
- Test Adapter Unit (TAU)
- MIL-STD-1760 Class II Port
- Self Test Wraparound Port
- Interconnecting cables, transit cases

MCBRAT® is compatible with:
Joint Direct Attack Munition (JDAM), Joint Standoff Weapon (JSOW), Wind Corrected Munitions Dispenser (WCMD), Joint Air-to-Surface Standoff Missile (JASSM), Standoff Land Attack Missile Expanded Response (SLAM-ER), Hard Target Smart Fuze (HTSF), Miniature Air Launched Decoy (MALD), Paveway, AGM-142, AIM-9X missile, and the gamut of rail launchers and bomb rack units supporting these munitions.

State-of-the-Art Technology
The MCBRAT® features VXI instrument-on-a-card, sub-module instrument-on-a-card, and modular technologies to provide complex testing capabilities for munitions and flight line requirements.

High Speed Dynamic Digital Option
Up to 192 pins I/O configured for mixed logic families to frequencies less than or equal to 50 MHz.

DC and AC Power Supplies and Electronic Loads
The power system is a reconfigurable precision power subsystem designed to meet the challenges of high tech ATE.

Operating Environment
Supports flight line requirements.

Multiple Instrument Synchronization
Complete access at the interface of all instrument “trigger” signals allows multiple instrument synchronizations, or “event” testing. This technique can reduce the software overhead for a test and increase throughput.

Measurement Capability to 200 MHz
Instrument measurement capability in the standard configuration is to 200 MHz.

Computer
Intel-Based PC
(custom configurations available as options)

Test Languages
TBASIC® Test Language (options available)
Options - BRAT® Test System

Software Subject to License Agreement (Refer to Appendix A)

B500B

BRAT® RF Test System - Option B
The BRAT® RFIU Test System is also offered as an add-on to the BRAT® Front End Test System. This configuration allows the flexibility to customize RF test systems using MMS, VXI, VME, RFIU, or other rack mount instruments.

Option B consists of:
- RFIU mainframe
- RF controller module
- Associated cabling

B500BJ

BRAT® RF Test System - Option BJ
The BRAT® RFIU Test System is also offered as an add-on to the BRAT® Front End Test System. This configuration allows the flexibility to customize RF test systems using MMS, VXI, VME, RFIU, or other rack mount instruments.

Option BJ consists of:
- RFIU mainframe
- JTIDS configured controller module
- Associated cabling

B500BP

BRAT® RF Test System - Option BP
The BRAT® RFIU Test System is also offered as an add-on to the BRAT® Front End Test System. This configuration allows the flexibility to customize RF test systems using MMS, VXI, VME, RFIU, or other rack mount instruments.

Option BP consists of:
- RFIU mainframe
- Phase noise configured controller module
- Associated cabling

B500R

Retrofit Unit, Taller Rack
- Conversion of 4-foot RF rack to a 6-foot rack
- Conversion of RF cabling

BU105-01

BRAT® 105 Option 01 Conversion Kit
The BRAT® 105 Option 01 Conversion Kit converts a BRAT® 105 Option 01 to a BRAT® 105 Option 02/03 using existing instrumentation for Option 02/03. This conversion provides labor and shipping only. It does not include travel.

BU105-02

BRAT® 105 Option 02/03 Conversion Kit
The BRAT® 105 Option 02/03 Conversion Kit converts a BRAT® 105 Option 02/03 to a BRAT® 105 Option 02/03 using existing instrumentation for Option 02/03. This conversion provides labor and shipping only. It does not include travel for the on-site conversion.

BU105-04

BRAT® 105 Option 01 to BRAT® 105 Option 02/03 Conversion Kit
The BRAT® 105 Option 01 to BRAT® 105 Option 02/03 Conversion Kit converts a BRAT® 105 Option 01 to a BRAT® 105 Option 02/03 using new instrumentation for Option 02/03. This conversion provides labor and shipping only. It does not include travel for the on-site conversion.

T500B

Transportable BRAT® RF Test System - Option B
The Transportable BRAT® RFIU Test System is also offered as an add-on. This configuration allows the flexibility to customize RF test systems using MMS, VXI, VME, RFIU, or other rack mount instruments.

Option B Transportable consists of:
- RFIU mainframe
- RFIU case
- RF controller module
- Associated cabling

T500BJ

Transportable BRAT® RF Test System - Option BJ
The Transportable BRAT® RFIU Test System is also offered as an add-on. This configuration allows the flexibility to customize RF test systems using MMS, VXI, VME, RFIU, or other rack mount instruments.

Option BJ Transportable consists of:
- RFIU mainframe
- RFIU case
- JTIDS configured controller module
- Associated cabling

T500BP

Transportable BRAT® RF Test System - Option BP
The Transportable BRAT® RFIU Test System is also offered as an add-on. This configuration allows the flexibility to customize RF test systems using MMS, VXI, VME, RFIU, or other rack mount instruments.

Option BP Transportable consists of:
- RFIU mainframe
- RFIU case
- Phase noise configured controller module
- Associated cabling
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W107B</td>
<td>BRAT® 107B Test System Warranty</td>
</tr>
<tr>
<td>W107-C</td>
<td>BRAT® 107-C Test System Warranty</td>
</tr>
<tr>
<td>W185</td>
<td>BRAT® 185 Stand-Alone TACAN Test System Warranty</td>
</tr>
<tr>
<td>W303C</td>
<td>BRAT® 303C Test System Warranty</td>
</tr>
<tr>
<td>W303PC</td>
<td>Phase Noise Calibrator (Enhanced BRAT® 303C) Warranty</td>
</tr>
<tr>
<td>W305B</td>
<td>BRAT® 305B Test System Warranty</td>
</tr>
<tr>
<td>WRF305BJ</td>
<td>BRAT® 305BJ RF Test System - JTIDS Warranty</td>
</tr>
<tr>
<td>W307B</td>
<td>BRAT® 307B Test System Warranty</td>
</tr>
<tr>
<td>W307-C</td>
<td>BRAT® 307-C Test System Warranty</td>
</tr>
<tr>
<td>WRF307</td>
<td>BRAT® 307 RF Test System Warranty</td>
</tr>
<tr>
<td>WRF307BJ</td>
<td>BRAT® 307BJ RF Test System - JTIDS Warranty</td>
</tr>
<tr>
<td>W308B</td>
<td>BRAT® 308B Test System Warranty</td>
</tr>
<tr>
<td>W309B</td>
<td>BRAT® 309B Test System Warranty</td>
</tr>
<tr>
<td>W407B</td>
<td>Transportable BRAT® 407B Test System Warranty</td>
</tr>
<tr>
<td>WRF407BJ</td>
<td>BRAT® 407BJ RF Test System - JTIDS Warranty</td>
</tr>
<tr>
<td>W408B</td>
<td>Transportable BRAT® 408B Test System Warranty</td>
</tr>
<tr>
<td>W511B</td>
<td>BRAT® 511 Test System Warranty</td>
</tr>
<tr>
<td>W520B</td>
<td>BRAT® 520 Test System Warranty</td>
</tr>
<tr>
<td>W520B</td>
<td>BRAT® 520 Test System Warranty</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The DA-1 ATS is an economical Commercial-Off-The Shelf (COTS) build-to-print tester. The test station is compliant with the published drawing package. The system does not include software.

The Major Components of the DA-1 ATS are Listed Below:

<table>
<thead>
<tr>
<th>Reference Number</th>
<th>Description</th>
<th>Units Per Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>200695630-10</td>
<td>Associated Hardware</td>
<td>1</td>
</tr>
<tr>
<td>200695848-10</td>
<td>DC Power Supply 9</td>
<td>1</td>
</tr>
<tr>
<td>200695851-10</td>
<td>DC Power Supply 8</td>
<td>1</td>
</tr>
<tr>
<td>200695852-10</td>
<td>Modular Power System 2</td>
<td>1</td>
</tr>
<tr>
<td>200695856-10</td>
<td>Modular Power System 1</td>
<td>1</td>
</tr>
<tr>
<td>200695866-01</td>
<td>150 Watt Load</td>
<td>2</td>
</tr>
<tr>
<td>200695866-03</td>
<td>250 Watt Load</td>
<td>2</td>
</tr>
<tr>
<td>200695866-05</td>
<td>300 Watt Load</td>
<td>2</td>
</tr>
<tr>
<td>200695862-10</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>200695881</td>
<td>VXI CPM Controller</td>
<td>1</td>
</tr>
<tr>
<td>200695883-10</td>
<td>VXI Relay Card 1</td>
<td>1</td>
</tr>
<tr>
<td>200695887</td>
<td>VXI Serial Card</td>
<td>1</td>
</tr>
<tr>
<td>200695888</td>
<td>VXI Counter/Timer</td>
<td>1</td>
</tr>
<tr>
<td>200695889</td>
<td>VXI Relay Card 2</td>
<td>1</td>
</tr>
<tr>
<td>200695893</td>
<td>VXI Relay Card 3</td>
<td>1</td>
</tr>
<tr>
<td>200695897</td>
<td>VXI AWG</td>
<td>2</td>
</tr>
<tr>
<td>200695898</td>
<td>VXI DMM</td>
<td>1</td>
</tr>
<tr>
<td>200695899</td>
<td>VXI Synchro/Resolver</td>
<td>1</td>
</tr>
<tr>
<td>200695901-10</td>
<td>Cross Point Matrix</td>
<td>1</td>
</tr>
<tr>
<td>200695916</td>
<td>Digital Test Instrument</td>
<td>7</td>
</tr>
<tr>
<td>200695920</td>
<td>Digital Test Instrument Controller</td>
<td>1</td>
</tr>
<tr>
<td>200695924</td>
<td>Probe Assembly</td>
<td>1</td>
</tr>
<tr>
<td>200696010</td>
<td>Latch Kit</td>
<td>1</td>
</tr>
<tr>
<td>200696010-10</td>
<td>Pulse Generator</td>
<td>1</td>
</tr>
<tr>
<td>200695974-10</td>
<td>Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>20069605-10</td>
<td>Double Tier Interface</td>
<td>1</td>
</tr>
<tr>
<td>200695700-10</td>
<td>Self Test ITA and Associated Hardware</td>
<td>1</td>
</tr>
</tbody>
</table>

Options Available for the DA-1 ATS

Option 1  Self Test
- Requires Customer Software

Option 2  Calibration
- Requires Customer Software

Option 3  Customer Logo Silkscreen
- Provided Upon Customer Request
The DA-2 ATS is an economical Commercial-Off-The Shelf (COTS) build-to-print tester. The test station is compliant with the published drawing package. The system does not include software.

The Major Components of the DA-2 ATS are Listed Below:

<table>
<thead>
<tr>
<th>Reference Number</th>
<th>Description</th>
<th>Units Per Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>200625630-20</td>
<td>Associated Hardware</td>
<td>1</td>
</tr>
<tr>
<td>200625848-10</td>
<td>DC Power Supply 9</td>
<td>1</td>
</tr>
<tr>
<td>200625851-10</td>
<td>DC Power Supply 8</td>
<td>1</td>
</tr>
<tr>
<td>200625852-10</td>
<td>Modular Power System 2</td>
<td>1</td>
</tr>
<tr>
<td>200625856-10</td>
<td>Modular Power System 1</td>
<td>1</td>
</tr>
<tr>
<td>200625866-01</td>
<td>150 Watt Load</td>
<td>2</td>
</tr>
<tr>
<td>200625866-03</td>
<td>250 Watt Load</td>
<td>2</td>
</tr>
<tr>
<td>200625866-05</td>
<td>300 Watt Load</td>
<td>2</td>
</tr>
<tr>
<td>200625862-10</td>
<td>Arbitrary Function Generator</td>
<td>1</td>
</tr>
<tr>
<td>200625881</td>
<td>VXI CPM Controller</td>
<td>1</td>
</tr>
<tr>
<td>200625883-10</td>
<td>VXI Relay Card 1</td>
<td>1</td>
</tr>
<tr>
<td>200625887</td>
<td>VXI Serial Card</td>
<td>1</td>
</tr>
<tr>
<td>200625888</td>
<td>VXI Counter/Timer</td>
<td>1</td>
</tr>
<tr>
<td>200625889</td>
<td>VXI Relay Card 2</td>
<td>1</td>
</tr>
<tr>
<td>200625893</td>
<td>VXI Relay Card 3</td>
<td>1</td>
</tr>
<tr>
<td>200625897</td>
<td>VXI AWG</td>
<td>2</td>
</tr>
<tr>
<td>200625898</td>
<td>VXI DMM</td>
<td>1</td>
</tr>
<tr>
<td>200625899</td>
<td>VXI Synchro/Resolver</td>
<td>1</td>
</tr>
<tr>
<td>200625901-90</td>
<td>Cross Point Matrix</td>
<td>1</td>
</tr>
<tr>
<td>200625916</td>
<td>Digital Test Instrument</td>
<td>11</td>
</tr>
<tr>
<td>200625990</td>
<td>Digital Test Instrument Controller</td>
<td>1</td>
</tr>
<tr>
<td>200625994</td>
<td>Probe Assembly</td>
<td>1</td>
</tr>
<tr>
<td>200626010</td>
<td>Latch Kit</td>
<td>1</td>
</tr>
<tr>
<td>200625992-10</td>
<td>Pulse Generator</td>
<td>1</td>
</tr>
<tr>
<td>200625974-10</td>
<td>Oscilloscope</td>
<td>1</td>
</tr>
<tr>
<td>200626005-20</td>
<td>Double Tier Interface</td>
<td>1</td>
</tr>
<tr>
<td>200625700-10</td>
<td>Self Test ITA and Associated Hardware</td>
<td>1</td>
</tr>
</tbody>
</table>

Options Available for the DA-2 ATS

Option 1  Self Test
- Requires Customer Software

Option 2  Calibration
- Requires Customer Software

Option 3  Customer Logo Silkscreen
- Provided Upon Customer Request

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The RF-1 ATS is an economical Commercial-Off-The Shelf (COTS) build-to-print tester. The test station is compliant with the published drawing package. The system does not include software.

The Major Components of the RF-1 ATS are Listed Below:

<table>
<thead>
<tr>
<th>Reference Number</th>
<th>Description</th>
<th>Units Per Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>200625651-10</td>
<td>RF-1 Associated Hardware</td>
<td>1</td>
</tr>
<tr>
<td>200626054-10</td>
<td>RF Switching</td>
<td>1</td>
</tr>
<tr>
<td>200625636-10</td>
<td>Main RF Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>200626063</td>
<td>Spectrum Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>200626065-10</td>
<td>RF Signal Generator #1</td>
<td>1</td>
</tr>
<tr>
<td>200626068</td>
<td>Frequency Distribution Amplifier</td>
<td>1</td>
</tr>
<tr>
<td>200626079-10</td>
<td>Vector Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>200626075-10</td>
<td>RF Signal Generator #2</td>
<td>1</td>
</tr>
<tr>
<td>200626078-10</td>
<td>Scalar Network Analyzer</td>
<td>1</td>
</tr>
<tr>
<td>200626081-10</td>
<td>Power Meter and Microwave Counter</td>
<td>1</td>
</tr>
<tr>
<td>200626193</td>
<td>Noise Source</td>
<td>1</td>
</tr>
</tbody>
</table>

Options Available for the RF-1 ATS

Option 1  Self Test
- Requires Customer Software

Option 2  Calibration
- Requires Customer Software

Option 3  Customer Logo Silkscreen
- Provided Upon Customer Request
The Z2002 Signal Generator and Attenuator Test System

The Z2002 Signal Generator, Attenuator, and Spectrum Analyzer Test System is a versatile, powerful solution to RF and microwave signal generator, attenuator, and spectrum analyzer test needs. This system combines the accuracy of the Anritsu ML2530A Measuring Receiver, the Rohde and Schwartz FMAB Modulation Analyzer, the Boonton 1121 Audio Analyzer, the Agilent Spectrum Analyzer, the Agilent Microwave Signal Generator, and the Agilent Network Analyzer with the power of flexible software. The Z2002 K01 Signal Generator, Attenuator, and Spectrum Analyzer Performance Test Software lets you test signal generators, attenuators, and spectrum analyzers. The ability to easily add other signal generators, attenuators, and spectrum analyzers using menu-driven screens is a fundamental attribute of the system. This automation will increase productivity and reduce cost of ownership.

Z2002 Signal Generator and Attenuator Test System
Z2002SG20 20 GHz Signal Generator Test System
Z2002SG26 26.5 GHz Signal Generator Test System
Z2002SG40 40 GHz Signal Generator Test System
Z2002A40 40 GHz Attenuator Test System
Z2002S40 40 GHz Spectrum Analyzer Test System
Z2002M20A 20 GHz Fixed and Manual Attenuator Test System
Z2002M40A 40 GHz Fixed and Manual Attenuator Test System

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Calibrators

TOR132
Digital Torque Calibrator
- Provides digital readout for calibration of torque wrenches

B307CAL
BRAT® Calibrator (307/305)

03500500-10
Phase Noise Calibrator (BRAT® 303C)

03500500-30
Phase Noise Calibrator (BRAT® 512)

03500500-50
Phase Noise Calibrator (Enhanced BRAT® 303C)

03500500-50 MOD
Phase Noise Calibrator (Enhanced BRAT® 303C) Modification

Calibration Kits

The following kits are available for use in calibrating the RFIU and Microwave Network Analyzer:

95000340-01
Calibration Kit for the Microwave Network Analyzer
The CM220 and CM230 Mobile Calibration Systems

These designs represent a state-of-the-art replacement for the existing legacy equipment that is configurable inside a Humvee, allowing field transportability to calibrate mobile system equipment currently evaluated in stationary trailers. This equipment exceeds present test accuracy and capabilities while providing a solution that fits inside a Humvee, making the equipment transportable on a C-130 aircraft. The various programmable instruments are controlled via a laptop computer. Using the mouse, the user simply selects the required instrument from the simulated rack. Once the equipment is selected, a virtual user control panel will be displayed, reflecting simulation of that piece of equipment where pragmatic (i.e., dials, pushbuttons, etc., of the legacy equipment). Finally, the user may set up the equipment by manipulating the virtual controls which in essence will be sending commands via GPIB 488 to set up the state-of-the-art replacement instrument. All testing will be accomplished using the electronically-filed technical orders stored on the laptop computer. This virtual display nearly eliminates any training concerns.

CM220 The CM220 DC and Low Frequency Calibration Unit
CM230 The CM230 Microwave and Physical Calibration Unit

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The High Voltage Assembly ITA (HVA ITA) is a Traveling Wave Tube (TWT) Power Supply. It provides the high voltage cathode voltage and grid pulse signals necessary to operate a TWT during test. The HVA ITA provides control and monitoring circuitry for TWT Unit Under Test and fully simulates the radar system environment. The HVA ITA is available as a fully integrated element of a Test Program Set or as a stand-alone test adapter for integration by the end-user. The HVA ITA can be produced for a variety of bias voltage ranges, duty cycles, pulse repetition frequencies, and pulse widths.

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The ENVID GEN-510

ENHANCED VXI PROGRAMMABLE VIDEO GENERATOR AND ANALYZER

This product is protected by one or more of the following patents: 6396536, 6509045, 7180477, 7253792, 7289159, 7495674, 7768533, 7978218

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

ENVID GEN-510

Enhanced VXI Programmable Video Generator and Analyzer
- Primary composite video generation (RGB analog, parallel digital)
- Stroke video generation (XYZ)
- Mixed video generation (stroke over composite)
- NTSC video generation
- Raster video generation
- Polar raster video generation
- Full frame analog video acquisition (composite, composite (parallel digital), raster video, stroke video)
- Continuous near real-time video acquisition image redisplay via host PC monitor with the Video Redisplay Tool software.

ENVID GEN-515

Enhanced VXI Programmable Video Generator and Analyzer - Stand-Alone Rack Mount Option
- All features of the ENVID GEN-510 in a rack mountable configuration

Options Available for the ENVID GEN-510 and ENVID GEN-515

ENVID GEN-510 Option 2
Automatic Code Generation (Requires ENVID GEN-510)
- Provides GUI soft panel for point-and-click programming
- Automatic C code generation from GUI selections

ENVID GEN-510 Option 3
DVI Digital Video (Requires ENVID GEN-510)
- Provides digital video generation
- Provides digital video acquisition

ENVID GEN-510 Option 4
Video Redisplay (Requires ENVID GEN-510)
- Provides hardware-based real-time video redisplay on an external monitor (frame converter)
- Compatible with composite video, raster video, and stroke video

ENVID GEN-510 Option 5
VDATS Video System Cable (Requires ENVID GEN-510)

ENVID GEN-510 Option 6
Funnel Adapter (Requires ENVID GEN-510)
- Allows for backward compatibility to the VID GEN-502

ENVID GEN-510 Option 7
VID-SOFT Integrated Software Development and Testing Environment (Requires ENVID GEN-510)
- VID-SOFT is a Microsoft Windows™-compatible software package that provides soft panel access to the ENVID GEN-510, automatic API call generation, macro and stand-alone test capability, and automatic electronic template testing of video images and other complex electronic waveforms.

The ENVID GEN-510 Enhanced Programmable Video Generator and Analyzer (ePVGA) is a next generation video instrument providing broad coverage to new and legacy video requirements. As the successor to the legacy VID GEN-502 instrument, the ENVID GEN-510 has full backwards compatibility with existing 502 software applications and incorporates new and useful features.

The ePVGA is the world’s only commercially available multi-format video generator and multi-format video acquisition device supporting RGB composite video (interlaced or progressive scan), stroke video (XYZ), mixed video (composite/raster and stroke interleaved), and rectilinear scan video (unmodulated or modulated). Captured video may be redisplayed on the host computer’s monitor with the Video Redisplay Tool (ENVID GEN-510 Enhanced), redisplayed in real-time on an external computer monitor (ENVID GEN-510 Enhanced Option 4), or saved to a file for external analysis.
The ENVID GEN-510

ENHANCED VXI PROGRAMMABLE VIDEO GENERATOR AND ANALYZER
This product is protected by one or more of the following patents: 6396536, 6502045, 7180477, 7253792, 7389159, 7495674, 7768533, 7978218

The ePVGA is a single VXI slot, C-sized module and is supplied with a complete software library compatible with Microsoft Windows™. With video obsolescence issues arising, careful attention was given to supporting legacy CASS, ESTS, IFTE, CEE, and RT-CASS video requirements, making the ePVGA an excellent candidate replacement.

Some of the features of the ENVID GEN-510 Enhanced Programmable Video Generator and Analyzer are as follows:
- 4+ independent video functions integrated into a single slot, C-sized, register-based VXI card
- Two composite video generators, parallel digital video, raster video generator, stroke video generator and video acquisition. Optional DVI generation and capture
- Automatic run-time alignment of all analog parameters plus remote sense capability
- Dual configuration analog and digital signals (differential and single-ended)
- Video acquisition mode provides continuous image redisplay via software or hardware methods
- Sophisticated control structure provides the ability to simulate dynamic and interactive displays across all video formats under internal or external control
- Straightforward interfacing with complex UUTs such as HUDs and MPDs/MFDs
- Built-in test

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
**Products - VXI**

02300530-01  
**C-Size VXI Mainframe - 4 Slots**  
- 4-slot mainframe for VXI plug-in modules  
- Provides cooling, power, digital communication interface bus

04000044-01  
**Universal Power Meter**  
- Dual channel power meter, peak or CW operation  
- > 150 readings per second  
- Frequency range: 10 MHz to 40 GHz, sensor dependent  
- Power dynamic range: 90 dB, sensor dependent  
- 1 mW power reference

08020005-01  
**Bus Simulator**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 2 channels, transformer coupled  
- 32 20-bit words per message  
- Manchester Bi-phase compatible  
- 40 V (p-p) max.

08020006-01  
**Counter/Timer/Digitizer**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 2 channels  
- DC to > 100 MHz BW  
- Better than ±0.5 mV sensitivity  
- > ±7 V into 50 Ω  
- > ±100 V into 1 MΩ

08020007-01  
**High Density (TTL-I/O) Card**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 96 TTL compatible pins  
- Source/Sink 24 mA max.  
- Programmable in groups of 8

08020008-01  
**Arbitrary Function Generator**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 2 channels  
- Arbitrary plus 6 built-in waveforms  
- ±7 Vdc to > 25 MHz

08020009-01  
**Signal Distribution System**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 72 user ports to > 100 MHz  
- 10 internal buses  
- On-board programmable resistance

08020010-01  
**Form C Relay Card**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 32 SPDT Form C relays  
- 4 A continuous max.  
- Closed contact resistance < 1.0 Ω

08020015-01  
**Scanner Multiplexer**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 96 2-wire paths  
- 48 4-wire paths  
- 1 A max. current

08020016-01  
**Power Meter**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- CW and peak sensors  
- Frequency range: 10 MHz to 18 GHz  
- Amplitude range: -70 to +20 dBm

08020017-01  
**High Speed DWG**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 96 stimulus/response pins or 48 bi-directional pins @ > 20 MHz  
- Multi-mode operation  
- LASAR TAP interface  
- > 1 M memory depth

08020019-01  
**RF Generator #2**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 10 MHz to 18 GHz with 1 Hz resolution  
- +12 to -90 dBm with 0.1 dB resolution  
- AM, FM, and PM modulation

08020021-01  
**RF Counter**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 100 Hz to 18 GHz frequency range (CW and peak)  
- -14 to +7 dBm  
- 3 discrete bands

08020022-01  
**DAC Card**  
TPS compatible replacement instrument for obsolete ESTS instrument  
- 12 channels (single-ended)  
- ±16.2 Vdc  
- 16-bit resolution

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
08020023-01
Synchro/Resolver
TPS compatible replacement instrument for obsolete ESTS instrument
Synchro/Resolver
- 6 channels; 3 input, 3 output
- Frequency reference: 360 Hz to 5 KHz
- Angular range: 0° to 359.9°

08020100-10
Advanced Video System
TPS compatible replacement instrument for obsolete ESTS instrument
Advanced Video System
- 9 channels; 6 output, 3 input
- Frequency range: 1 Hz to 50 MHz
- Pixel time: > 1/frequency
- Pixel depth: > 4 bits

08020101-10
H009
TPS compatible replacement instrument for obsolete ESTS instrument
H009
- 1 channel, dual-port relay controlled
- Manchester Bi-phase compatible
- 40 V (p-p) max.

08020103-10
Rubidium Reference
TPS compatible replacement instrument for obsolete ESTS instrument
Rubidium Reference
- 10 MHz (< ± 0.02 Hz)
- 1 to 2 V (p-p) into 50 Ω

08020104-10
Digital Multimeter
TPS compatible replacement instrument for obsolete ESTS instrument
Digital Multimeter
- 6.5 digits
- 200 V peak max. input
- Accuracies specified through 1 MHz

92103850-01
160 MHz Timing I/O Module
- Provides control signals for the DUT and timing for the sequence of patterns that are generated or recorded by the pattern I/O modules
- Provides 12 pattern clocks
- 2-slot width

92103851-01
20 MHz Pattern I/O Module
- 32 I/O pins (4 ports of 8 bits each)
- Maximum 20 MHz pattern rate using an external clock
- 64K segmentable pattern depth
- Each port can output, record, or perform a real-time compare
- Programmatic or triggered tri-state on the fly
- 1-slot width

92103852-01
Terminating 20 MHz Pattern I/O Module
- 32 I/O pins (4 ports of 8 bits each)
- Maximum 20 MHz pattern rate using an external clock
- 64K segmentable pattern depth
- Each port can output, record, or perform a real-time compare
- Programmatic or triggered tri-state on the fly
- Terminates the pattern clock lines
- 1-slot width

92103855-03
Synchro/Resolver Simulator and Indicator
- Independent digital to synchro channel and synchro to digital channel
- Dynamic rate and directions
- Programmable
- Reference Input: 26 or 115 V rms
- Signal I/O: 11.8, 26, and 90 V L-L
- 1-slot width

92103858-03
Stimulus/Measurement Matrix Module

92103863-01
Arbitrary Function Generator

92103897-01
Timing Pod
- Extends measurement accuracy to a DUT located up to 2 meters from the front panel
- An active device which improves the ability to drive DUT inputs and minimizes loading on DUT outputs
- Buffers the 8 control signals out to the DUT as well as the 10 ‘Q’ lines, a ready line, and a trigger line into the timing I/O module

92103986-01
VXI Mainframe Command Module
- C-1
- Message-based commander
- SCPI translator for register-based modules
- P/O 92103849-01

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
**92103986-03**
**VXI Mainframe Command Module with Expanded Memory**
- C-1
- Message-based commander
- SCPI translator for register-based modules
- Expanded memory

**92103987-01**
**VXI Mainframe**
- High power VXI mainframe
- C-size
- 13-slot
- P/O 92103849-01

**92105071-01**
**VXI Quad Serial Module**
- An intelligent serial interface capable of polling and analyzing received data in real time
- 4 separate and independent RS-232/RS-422/RS-485 serial interface channels/ports
- 4 independently programmable channels capable of simultaneous data transfer
- Baud rates from 50 to 115 Kbits/s per channel
- Buffer Partitions:
  - Transmit: 32 Kbytes/channel
  - Receive: 64 Kbytes/channel
- 1-slot width

**92105232-01**
**MXI-3 VXI Bus Interface Kit**

**92105233-03**
**VXI-MXI-3 Command Module**

**93000075-01**
**Relay Matrix**
- 4 × 64, 8 × 32, or 16 × 16 2-wire switching matrix
- Expand row and columns to make larger matrices with an optional cable or special expansion terminal module
- 1-slot width

**93000076-01**
**RF Multiplexer**
- Six 1 × 4 multiplexers
- 50 Ω or 75 Ω characteristic impedance
- Switch signals up to 3 GHz
- 1-slot width

**93000077-01**
**6½-Digit Digital Multimeter**
- Functions: DCV, ACV, 2- and 4-wire Ω, frequency, and period
- 1-slot width

**93000078-01**
**High-Performance Universal Counter**
- 500 MHz frequency range
- 9 digits/s resolution
- Optional high frequency channel
- 2 ns time-interval resolution (200 ps with averaging)
- 1-slot width

**93000079-01**
**1-GSa/s Digitizing Oscilloscope**
- 2 channels, 1 GSa/s max. sample rate
- 250 MHz bandwidth, single-shot or repetitive
- 1-slot width

**93000080-01**
**Arbitrary Function Generator**
- 13-bit resolution, 40 MSa/s
- 256K sample memory with sequencer (custom waveforms)
- Phase continuous frequency hopping
- Linear or logarithmic frequency sweeping
- 1-slot width

**93000081-01**
**21 MHz Synthesized Function/Sweep Generator**
- Sine, square, triangle, negative and positive ramps, DC, and TTL clock waveforms
- Amplitude and phase modulation
- Multi-interval sweep and multi-marker mode
- 2-slot width

**93000157-01**
**64-Channel Scanning A/D Converter**
- 16-bit resolution, 100 KSa/s max. sample rate
- Input options: DC volts, temperature, resistance, and strain gauge
- 1-slot width

---

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
## Products - VXI

**93000326-01**  
Dynamic Digital (32 Pin Groups)  
- 32 I/O pins (4 ports of 8 bits each)  
- 20 MHz pattern rate  
- 64K segmentable pattern depth  
- Each port can output, record, or perform a real-time compare  
- TTL/CMOS/ECL compatible logic  
- 2 associated pods

**93000326-03**  
TTL Assembly, Dynamic Digital (32 Pin Groups)  
- TTL compatible logic  
- 32 I/O pins

**93000326-05**  
CMOS Assembly, Dynamic Digital (32 Pin Groups)  
- CMOS compatible  
- 32 I/O pins

**93000326-07**  
ECL Assembly, Dynamic Digital (32 Pin Groups)  
- ECL compatible logic  
- 32 I/O pins

**93000326-09**  
Programmable Assembly, Dynamic Digital (32 Pin Groups)  
- ECL/TTL/CMOS compatible logic levels  
- 32 I/O pins

**93000506-01**  
32-Channel, 5 A, Form C Switch  
- Nonlatching relays (SPDT)  
- Space available for adding varistors for greater relay protection when switching inductive loads  
- 1-slot width

**93000570-01**  
Digital Functional Test  
- 160 MHz timing module  
- 32 I/O pins (reference P/N 93000326-01)  
- 2-slot width  
- 1 associated timing pod

**95000014-01**  
Peak, CW Power Meter  
- 10 MHz to 18 GHz  
- Dual channel  
- -70 to +20 dBm (CW sensor)  
- -90 to +20 dBm, peak  
- -30 to +20 dBm, CW (pulse sensor)  
- 1-slot width

**95000015-01**  
Frequency Counter  
- 100 Hz to 90 GHz frequency coverage (expanded coverage available)  
- -15 dBm to +7 dBm input power range  
- Pulse and CW frequency measurements  
- Pulse parameter measurements performed  
- 1-slot width

**95000016-01**  
Rubidium Frequency Standard  
- 10 MHz  
- 1 V rms into 50 Ω  
- $5 \times 10^{-11}$ initial accuracy  
- $5 \times 10^{-11}$/month aging  
- multiple outputs for system synchronization  
- 1-slot width

**95000019-03**  
MIL-STD-1553A/B Bus Analyzer Simulator  
- Operating modes:  
  - Bus controller  
  - Multiple RT  
  - Bus monitor  
  - Programmable response time  
  - Dual bus  
  - Programmable parameters:  
    - Response time  
    - Message rate  
    - Amplitude  
    - Error injection  
- 1-slot width

**95000020-01**  
VXI Programmable Loads  
- 10 A, 75 V, 50 W  
- Constant current  
- Constant resistance  
- Short circuit  
- Pulsed loading  
- 1-slot width

**95000022-01**  
VXI Dual-Channel Pulse Generator  
- 10 Hz to 100 MHz  
- Programmable pulse widths or duty cycles  
- 24 V p-p programmable amplitude  
- Period: 3.3 ns to 100 ms  
- Delay: 0 ns to period  
- 1-slot width

**95000023-01**  
VXI Programmable Level Digital I/O Pins  
- Output HI level: -5 V to +15 V  
- Output LO level: +5 V to -15 V  
- Input HI threshold: -5 V to +15 V  
- Input LO threshold: +5 V to -15 V  
- 199 bidirectional 3-state pins  
- May be synchronized to yield up to 1152 pin digital interface  
- Memory depth: 32K  
- Speed: 25 MHz  
- 1-slot width

**95000024-01**  
RF Control Module  
- Interface to VXI frequency synthesizers  
- Controls from 1 to 8 modules  
- Contains 10 MHz time base  
- 1-slot width

---

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - VXI

95000025-01
Microwave Frequency Synthesizer
- 2 to 12 GHz
- -90 to +10 dBm
- Amplitude, frequency, and pulse modulation
- Interfaces with downconverter to extend frequency range
down to 10 MHz
- 2-slot width

95000026-01
Downconverter Adapter
- 10 MHz to 2 GHz
- -90 to +5 dBm
- Amplitude, frequency, and pulse modulation
- Interfaces with microwave frequency synthesizer to provide
  greater frequency coverage
- 1-slot width

95000027-01
VXI RF Multiplexer Module
- Configurable: 16-1 × 4, 8-1 × 9, 4-1 × 19, 2-1 × 39, 1-1 × 79
- 200 Vdc, 0.5 A, 10 W per channel
- Bandwidth (-3 dB): 200 MHz
- SWR (50 Ω): < 1.3:1 at 100 MHz
- 1-slot width

95000028-01
VXI Power Switching Module
- 20 DPST relays
- 350 Vac, 8 A, 240 W per channel
- 1-slot width

95000029-01
VXI Open Collector Driver Module
- 96 channels at 32 Vdc, 200 mA per channel
- 1-slot width

95000031-01
Enhanced VXI Dual-Channel Pulse Generator
- 10 Hz to 300 MHz
- Programmable pulse widths or duty cycles
- 24 V p-p programmable amplitude
- Period: 3.3 ns to 100 ms
- Delay: 0 ns to period
- 1-slot width

95000035-01
RF/Microwave VXI Chassis
- Heavily shielded
- Low noise linear power supply
- 35 watts per slot

95000038-01
VXI Expansion Rack
Provides the ability to enhance an existing system with an expansion
rack which contains a VXI high power mainframe and command module.
The VXI expansion rack can accommodate two additional C-size VXI
mainframes for a total of up to three VXI mainframes in the expansion
rack.

95000048-01
20 GHz Synthesized Signal Generator
- 0.01 to 20 GHz frequency range
- 1 Hz resolution
- +13 to -90 dBm leveled output power
- 0.1 dB power resolution
- AM, pulse, and complex modulation
- 3-slot width

95000049-01
Synchro/Resolver Simulator and Indicator
- 3 independent digital to synchro channels and synchro to digital
  channels (custom configurable)
- Dynamic rate and directions
- 1-slot width

95000050-01
ARINC-429 Test/Simulation and Monitor Card
- Up to 10 ARINC-429 channels
- Variable Tx amplitude control per Tx channel
- Programmable rise/fall time per Tx channel
- Programmable Tx inter-word gap (sync) time
- 32K × 8 true dual-port RAM (8- and 16-bit transfers)
- User definable Tx and Rcv buffer sizes per channel
- 2 modes of receiver/monitor data storage modes (Sequential and
  Lookup Table)
- ARINC filter table
- Error injection (per block)
- Error detection (per ARINC word)
- Interrupt and polling capabilities in all modes
- 1-slot width

95650020-10
Driver Simulator
- 2-axis, closed loop actuator control
- 3 open collector power switches (≤ 3 A @ 32 Vdc)
- 1-slot width

95650053-01
VXI Variable Gain Amplifier
- Provides 4 wide-band isolated variable gain amplifier channels
  with wraparound self test
- Each channel can deliver 5 watts of output power
- Gain is programmable
- Relays supplied to enable user to bypass any channel
- Accepts floating point, decimal, integer, string, or scientific
  notation
- Complies with Rev 1.3
- Meets IEEE-488.2

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - VXI

95650095-10
Stimulus MUX IAU CCA
- Interfaces with P/N 92103858-03 VXI switch
- Allows customization of P/N 92103858-03 to provide the following multiplex configurations:
  - 2 x 128
  - 4 x 64
  - 8 x 32

95650095-30
Stimulus MUX IAU CCA
- Interfaces with P/N 92103858-03 VXI switch
- Allows customization of P/N 92103858-03 to provide the following multiplex configurations:
  - 2 x 128
  - 4 x 64
  - 8 x 32

95650095-50
Stimulus MUX IAU CCA
- Interfaces with P/N 92103858-03 VXI switch
- Allows customization of P/N 92103858-03 to provide the following multiplex configurations:
  - 2 x 128
  - 4 x 64
  - 8 x 32

95650585-10
Digital Driver Simulator Module
- 2-axis, analog closed-loop motor control
- 3 high-side, open-collector general purpose drivers capable of delivering up to 3 amperes per driver
- 2 switched, high-side, open-collector actuator drivers capable of delivering 1 ampere per driver
- Analog (LVD) positional feedback inputs

96000001-01
50 MHz Digital Interface Timing Module
- Full 50 MHz data rate
- Store up to 32 different test programs
- Dual-Processor architecture
- 64K vectors
- Maximum of 20 modules per controller
- Multilevel triggering for logic analysis
- Message based commands for easy test program development
- A32/D32 binary transfer for high speed down loads
- 1-slot width

96000001-03
50 MHz Timing/Control Module
- Full 50 MHz data rate
- Store up to 32 different test programs
- Dual-Processor architecture
- 64K vectors
- Maximum of 20 modules per controller
- Multilevel triggering for logic analysis
- A32/D32 binary transfer for high speed down loads
- SR5510 with Option 005

96000002-01
50 MHz TTL/CMOS/ECL Pattern Module
- 32 input and 32 output pins per module
- Full 50 MHz data rate
- 64K vectors per channel
- RAM-backed and algorithmic pattern generation
- NRZ, RZ, RONE, RTC, and RI output data formats supported
- 16 stimulus timing generators per module
- 2 response generators per module
- 100 ps edge placement resolution
- 1-slot width

96000005-01
32-Bit Array Processor
- Dual TMS320C30 processors
- 33 MFLOP peak rate
- Signal processing and imaging libraries
- 2 to 8 Mbytes on board memory
- VME 32-bit DMA master and shared memory interface
- 1-slot width

96000007-03
50 MHz Variable I/O Module, 504 Configured, Dual Termination
- 16 input and 16 output pins per module
- Full 50 MHz data rate
- 64K vectors per channel
- RAM-backed and algorithmic pattern generation
- NRZ, RZ, RONE, RTC, and RI output data formats supported
- 8 stimulus timing generators per module
- 2 response generators per module
- 100 ps edge placement resolution
- 1-slot width

96000012-01
Timing Module Extension Card (Dual)
- This unit increases the number of 5000 Series VXI cards the 5010 Timing Module can control

96000013-01
Timing Module Extension Card (Single)
- This unit increases the number of 5000 Series VXI cards the 5010 Timing Module can control

96000014-01
High Power Mainframe - 6 Slots
- 6-slot mainframe for VXI plug-in modules
- Handles advanced command interpreter
- Provides cooling, power, digital communication interface bus

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### Products - VXI

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>96000014-03</td>
<td>High Power Mainframe - 13 Slots</td>
</tr>
<tr>
<td>96000016-01</td>
<td>VXI-MXI-2 Kit (With Cable)</td>
</tr>
<tr>
<td>96000016-03</td>
<td>VXI-MXI-2 Kit (Without Cable)</td>
</tr>
<tr>
<td>96000017-01</td>
<td>VXI-MXI-2 Extender</td>
</tr>
<tr>
<td>96000017-03</td>
<td>VXI-MXI-3 Extender</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>960000137-10</td>
<td>RFI ECL Module I/O CCA</td>
</tr>
<tr>
<td>98000100-30</td>
<td>Programmable Video Generator and Analyzer Module (A-10)</td>
</tr>
</tbody>
</table>

### Products - LXI

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>07040025-01</td>
<td>Portable Oscilloscope</td>
</tr>
<tr>
<td>07040035-01</td>
<td>Power Meter</td>
</tr>
</tbody>
</table>

### Products - PXI

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>09010001-10</td>
<td>Dual Programmable DC Source - 30 W</td>
</tr>
<tr>
<td>09010002-10</td>
<td>Custom DC Controller - Programmable</td>
</tr>
<tr>
<td>09010003-10</td>
<td>Custom DC Slave - 28 V</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>09010004-10</td>
<td>Custom DC Slave - 24 V</td>
</tr>
<tr>
<td>09010005-10</td>
<td>Custom DC Slave - U500420</td>
</tr>
</tbody>
</table>

---

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

---
93000151-01
Local Oscillator
- Master control module for spectrum analyzers, lightwave signal analyzers, other systems
- Synthesized local oscillator for excellent phase noise, stability, frequency accuracy
- Adds processing power, markers, trace math, other features
- 2-slot width

93000152-01
IF Section (100 KHz to 3 MHz)
- Same description as 93000173-01

93000153-01
Graphics Display
- Menu-driven human interface
- Provides manual interface and control for system of up to 31 MMS instruments or 955 MMS modules
- High resolution graphics including traces, text, and markers
- Sends graphics directly to printer or plotter
- Horizontal sweep rate: 24.5 KHz ±1%
- 3-slot width

93000154-01
Digitizer
- 20 megasamples per second, 10 bits
- 956K memory
- Waveform recorder and oscilloscope features
- Up to 8 channels
- Improves analyzer sweep times
- 1-slot width

93000155-01
Power Meter
- 100 KHz to 50 GHz, sensor dependent
- -70 to +44 dBm power range
- ±0.5% accuracy in linear mode; ±0.02 dB accuracy in logarithmic mode
- Single channel
- 1-slot width

93000156-01
Modular Synthesized Signal Generator
- Synthesized signal generator with add-on frequency extension
- 1 to 20 GHz frequency range (optional frequency extension to 10 MHz)
- +13 to -90 dBm amplitude range
- 55 dBc harmonic suppression; no subharmonics
- 4-slot width
- 1 KHz frequency resolution

93000156-03A
Modular Synthesized Signal Generator 1 Hz Resolution Upgrade
- Frequency resolution to 1 Hz

93000172-01
RF Section (100 Hz to 22 GHz)
- Fundamentally mixed broadband input conversion for analyzers
- Highest sensitivity for greater dynamic range
- Continuously peaked, dynamically tracking preselector
- 70 dB, 1-dB-step attenuator (5-dB-step option)
- 2-slot width

93000173-01
IF Section (10 Hz to 300 KHz)
- Adds signal processing elements for spectrum analyzers, lightwave signal analyzers, other systems
- 10% incremental bandwidth steps
- Calibrated logging amplifiers
- 1-slot width

93000200-01
Preamplifier (26.5 GHz)
- Boosts sensitivity of analyzers by 15 to 25 dB
- -156 dBm sensitivity at 2.9 GHz
- -150 dBm sensitivity at 22 GHz
- Optional 100 KHz low end frequency coverage
- Provides drive signal for excess noise source
- Built-in switches for preamplifier bypass
- 1-slot width

93000200-03
Preamplifier with Low End Frequency Option (100 KHz to 26.5 GHz)
- Boosts sensitivity of analyzers by 15 to 25 dB
- -156 dBm sensitivity at 2.9 GHz
- -150 dBm sensitivity at 22 GHz
- 100 KHz low end frequency coverage
- Provides drive signal for excess noise source
- Built-in switches for preamplifier bypass
- 1-slot width

93000201-01
System Mainframe
- 8-slot mainframe for MMS plug-in modules
- Provides cooling, power, digital communication interface buses (MSIB and HP-IB)
- Compatible with standard EIA racks
- Good EMC performance and rugged structural design make it suitable for sensitive measurements in tough industrial environments
- Optional 400 Hz power line operation

93000284-01
Digitizing Oscilloscope
- 4-input, 2-channel operation
- 500 MHz repetitive bandwidth
- 90 megasamples per second for single-shot measurement to 2 MHz
- Up to 40 dB isolation between channels
- Accuracies > 1.5%
- 2-slot width

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - MMS

93000293-01
Power Sensor
- Frequency range: 10 MHz to 18 GHz
- Measurement range: 0.1 nW to 10 μW (-70 to -20 dBm)

93000293-03
Power Sensor
- Frequency range: 10 MHz to 18 GHz
- Measurement range: 1 μW to 100 mW (-30 to +20 dBm)

94000833-01
Frequency Extension Module
- Add on to 93000156-01
- Extends frequency range from 1 to 20 GHz to .01 to 20 GHz
- Modulation control inputs
- 1-slot width

94000982-01
Precision Frequency Reference with Internal Amplifier
- 10 MHz to 100 MHz precision reference signals phase-locked
  to ovenized oscillator
- 5 × 10⁻¹⁰/day stability
- Lock to 1, 2, 5, or 10 MHz external reference
- Precision distribution amplifiers
- 1-slot width

94000982-03
Precision Frequency Reference
- 10 MHz to 100 MHz precision reference signals phase-locked
  to ovenized oscillator
- 5 × 10⁻¹⁰/day stability
- Lock to 1, 2, 5, or 10 MHz external reference
- Optional precision distribution amplifiers, reference locked outputs
- 1-slot width

94001238-01
Optical Spectrum Analyzer

95000006-01
Universal Counter
- 100 MHz, 200 MHz, 2.4 GHz inputs
- Minimum sensitivity of 100 mV p-p
- Built-in TCXO
- Built-in functions: frequency, period, time interval, rise and fall times, ratios, totalize, pulse width, AC/DC voltage minimum and maximum
- 1-slot width

95000007-01
Carrier Noise Test Set
- Amplitude and phase noise measurements performed when used with a spectrum analyzer
- 10 MHz to 18 GHz frequency coverage
- ±2 dB measurement accuracy
- 6- to 8-slot width

95000009-01
RF Section (100 Hz to 2.9 GHz)
- Broadband input conversion for spectrum analyzers, lightwave signal analyzers, other systems
- Broadband, low noise mixer for high dynamic range
- 70 dB, 10-dB-step attenuator (5-dB-step option)
- 1-slot width

96000003-01
Tracking Generator (20 Hz to 2.9 GHz)
- Use with spectrum analyzer for scalar analysis
- Use as RF source for CW or swept signals
- Stimulus response capability to measure gain, frequency response, and return loss
- 2-slot width

96000003-03
Tracking Generator (2.7 GHz to 18 GHz)
- Same description as 96000003-01
- 3-slot width

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
**Products - RFIU**

**01000516-10**
**Source/Conditioner Module**
- 256 KHz, 10 MHz, 40.96 MHz, 70 MHz, 140 MHz outputs
- FSK Demodulator

**03000003-01**
**Output Switch Module**
- Routes various signal generation signals to the RF interface for use in connecting these signals to a radio receiver, a GPS receiver, etc.
- Contains some of the common signal generation signals for testing the ATCRBS instrument, and is also used as the output function for wraparound testing of the communication/navigation instrumentation
- An upconversion process is provided to extend the frequency range of the embedded equipment

**93000292-10**
**RF Measurement #2**
- Programmable attenuation/gain from -81 to +30 dB (DC to 18 GHz)
- VSWR measurement (2 to 18 GHz)
- Signal routing (DC to 18 GHz)
- 2-slot width

**93000277-10**
**RF Stimulus**
- Power amplification (2 to 18 GHz)
- Signal + noise generation (0.01 to 18 GHz)
- Tunable oscillator (2 to 6 GHz)
- Signal routing (DC to 18 GHz)
- 1-slot width

**93000280-10**
**RF Demodulator**
- Phase demodulation and amplification (S band) for residual phase noise measurements
- AM demodulation and amplification (S band) for amplitude noise measurements
- Frequency downconversion (2 to 18 GHz)
- Signal routing (DC to 18 GHz)
- 1-slot width

**93000318-10**
**Synchronizer #1**
- DC to 40 MHz
- 9 outputs
- 4 ns resolution
- Internal or external clock and trigger
- Differential ECL and TTL outputs
- 1-slot width

**93000543-04**
**Power Factor Correction Upgrade**
- Corrects input power factor to better than 0.99

**94000279-270**
**Microcontroller CCA (BRAT® 520)**
- Controls the operating modes for the output switch module, the measurement switch module, and any additional modules inserted into the RFIU of the BRAT® 520 that are utilized in support of navigation and communications testing requirements

**94000603-10**
**RF Measurement #1**
- Programmable attenuation/gain from -81 to +30 dB (DC to 18 GHz)
- Logarithmic amplification/detection and frequency discrimination
- Signal routing (DC to 18 GHz)
- 2-slot width

**94000604-10**
**RF Converter**
- Frequency up/down conversion (1 to 18 GHz)
- Power amplification (0.01 to 18 GHz)
- High resolution differential phase signal and signal + noise generation (0.01 to 18 GHz)
- Signal routing (DC to 18 GHz)
- 2-slot width

**94000605-10**
**RF Output**
- Programmable filtering (1 to 18 GHz)
- Broadband amplification (2 to 18 GHz)
- VSWR measurement (0.1 to 18 GHz)
- Signal routing (DC to 18 GHz)
- 2-slot width

**94000606-10**
**RF Controller (BRAT® 305/405)**
- Message based IEEE-488 controller
- Provides control of RFIU modules via internal RFIU system bus
- Receives analog and digital data from RFIU modules
- Contains 68000 series microprocessor and associated RAM and ROM

**94000606-50**
**RF Controller (JTIDS)**
- Message based IEEE-488 controller
- Provides control of RFIU modules via internal RFIU system bus
- Receives analog and digital data from RFIU modules
- Contains 68000 series microprocessor and associated RAM and ROM

**94000606-70**
**RF Controller (JSTARS)**
- Message based IEEE-488 controller
- Provides control of RFIU modules via internal RFIU system bus
- Receives analog and digital data from RFIU modules
- Contains 68000 series microprocessor and associated RAM and ROM

**94100554-10**
**Phase Balance Module**
- Pulsed phase measurement of RF signals relative to a reference signal
- Pulse modulation and amplification of RF signals
- RF and IF signal switching and conditioning

---

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

**Products - RFIU**

*94100766-10*
**Timing Generator Module**
- Precise programmable timing pulse outputs
- Free running or external-triggered 10 MHz crystal oscillator timing source
- Differential TTL and ECL outputs

*96740045-10*
**L-Band Signal Conditioning Module**
- Signal switching from DC to 2 GHz
- Narrow-band amplification
- Programmable attenuation
- Mixer up conversion for 75 MHz, 348 MHz, and L-band synthesis
- Mixer down conversion for 75 MHz, 348 MHz, and L-band analysis
- RF detection diodes
- YIG oscillator for BIT testing

*96740070-10*
**Reference Generator Module**
- 10 MHz input phase-locked to standard RF rack
- 1.5, 2.5, 5, 8, 10, 12, 73.75, and 348 MHz phase-locked outputs for UUT and test equipment frequency reference
- RF detection diode for BIT testing

*96740103-10*
**CPSM Modulator/Demodulator Module**
- Signal switching from DC to 1 GHz
- Noise source for noise injection
- Continuous phase shift modulator (CPSM) for Link-16 messages simulation
- Continuous phase shift modulation demodulator for Link-16 messages analysis
- RF detection diode for BIT testing

*97000001-10*
**KPA Synchronizer**
- DC to 40 MHz
- 9 outputs
- 4 ns resolution
- Internal or external clock and trigger
- Differential ECL and TTL outputs
- 1-slot width
## Products - IEEE-488

### Electronic Load
- **Power**: 4000 W
- **Voltage**: 400 Vdc
- **Current**: 600 A

### Modulation Meter
- **Frequency range**: 100 KHz to 2.5 GHz
- Measures AM/FM/ØM
- Measures carrier frequency, level, audio frequency, and distortion/SINAD
- Peak, RMS, quasi-peak detection
- Audio frequency output
- GPIB programmable

### Audio Analyzer
- **Frequency range**: 10 Hz to 200 KHz
- Measures frequency, distortion, SINAD, S/N
- Measurement level of 300 μV to 300 V
- Built-in audio source for stimulus-response applications
- GPIB programmable

### Signal Generator
- **Frequency range**: 9 KHz to 2.51 GHz
- Power: -140 to +13 dBm
- Modulation: AM, FM, ØM, pulse, FSK
- Internal modulation generator
- GPIB programmable

### Fast Switching Signal Generator
- **Frequency range**: 1 MHz to 1600 MHz
- Power: +3 to +13 dBm
- Frequency switching: 20 μs max.
- Low phase noise
- BCD programmable

### RF Pulse Amplifier
- **Power**: 1000 W pulse
- **Gain**: ≥ 60 dB
- **Input power**: ≤ 10 dBm
- **Harmonics**: ≤ 60 dBC
- **30% max. duty cycle

### Upgraded RF Pulse Amplifier
- **Power**: 1000 W pulse
- **Gain**: ≥ 60 dB
- **Input power**: ≤ 10 dBm
- **Harmonics**: ≤ 60 dBC
- **30% max. duty cycle

### Programmable DC Electronic Load
- **Power**: 4000 W DC load
- **Constant current mode**
- **Constant voltage mode**
- **Constant power mode**
- **Constant resistance mode**
- **500 Vdc max. voltage**

### Upgraded Programmable DC Electronic Load
- **Power**: 4000 W DC load
- **Constant current mode**
- **Constant voltage mode**
- **Constant power mode**
- **Constant resistance mode**
- **500 Vdc max. voltage**

### CW Power Sensor
- **Frequency range**: 10 MHz to 18 GHz
- -70 to +20 dBm

### Peak Power Sensor
- **Frequency range**: 45 MHz to 18 GHz
- -90 to +20 dBm, peak
- -30 to +20 dBm, CW

### RF Generator #1
TPS compatible replacement instrument for obsolete ESTS instrument
- **Frequency range**: 10 MHz to 18 GHz with 1 Hz resolution
- **Power**: +13 to -90 dBm with 0.1 dB resolution
- AM, FM, and PM modulation

### Signal Analyzer (CNTS)
TPS compatible replacement instrument for obsolete ESTS instrument
- **Carrier frequency range**: 5 MHz to 18 GHz
- **AM noise measurement range**: +10 to -90 dBm
- **FM noise measurement range**: +5 to +1.5 dBm

### DC Power Supply
TPS compatible replacement instrument for obsolete ESTS instrument
- **6 channels independently programmable**
- 5, 32 V max., 10 mV resolution
- 5, 6.25 A max., 10 mA resolution
- 1 ADM/DAC high-voltage slave

---

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
## Products - IEEE-488

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>08020012-01</td>
<td><strong>AC Power Supply</strong>&lt;br&gt;TPS compatible replacement instrument for obsolete ESTS instrument&lt;br&gt;AC Power Supply</td>
<td>- 4 channels independently programmable&lt;br&gt;- 4 auxiliary channels follow main&lt;br&gt;- Main output: 0 to 135 Vac&lt;br&gt;- Auxiliary output: 0 to 30.5 Vac&lt;br&gt;- Frequency range: &lt; 350 Hz to &gt; 1 KHz</td>
</tr>
<tr>
<td>08020013-01</td>
<td><strong>High Voltage DC Power Supply</strong>&lt;br&gt;TPS compatible replacement instrument for obsolete ESTS instrument&lt;br&gt;High Voltage DC Power Supply</td>
<td>- 1 channel ADM/DAC controlled&lt;br&gt;- 200 V max.&lt;br&gt;- 12 A max.</td>
</tr>
<tr>
<td>08020014-01</td>
<td><strong>Spectrum Analyzer</strong>&lt;br&gt;TPS compatible replacement instrument for obsolete ESTS instrument&lt;br&gt;Spectrum Analyzer</td>
<td>- 30 Hz to 18 GHz&lt;br&gt;- +30 dBm to noise floor reference&lt;br&gt;- RBW 1 Hz to 2 MHz</td>
</tr>
<tr>
<td>92103573-01</td>
<td><strong>Single-Phase AC Programmable Power Supply</strong>&lt;br&gt;- AC supply 350 VA&lt;br&gt;- Frequency: 0 to 5 KHz&lt;br&gt;- Amplitude (350 VA max.): 0 to 260 Vac&lt;br&gt;- Resolution: 0.1 Vac</td>
<td></td>
</tr>
<tr>
<td>92103598-01</td>
<td><strong>IEEE Card</strong>&lt;br&gt;- Standard IEEE-488.2 interface</td>
<td></td>
</tr>
<tr>
<td>92103598-03</td>
<td><strong>IEEE Card</strong>&lt;br&gt;- Standard IEEE-488.2 interface</td>
<td></td>
</tr>
<tr>
<td>92105229-01</td>
<td><strong>IEEE Card Upgrade</strong>&lt;br&gt;- Replaces existing IEEE card as a result of Windows™ upgrade&lt;br&gt;- Includes removal of old card and installation of new card&lt;br&gt;- Requires P/N 3105SU-1, or P/N 3105SU-2, or P/N 3105SU-3</td>
<td></td>
</tr>
<tr>
<td>93000069-01</td>
<td><strong>A/B to C-Size Module Carrier</strong></td>
<td></td>
</tr>
<tr>
<td>93000550-30</td>
<td><strong>Three-Phase AC Programmable Power Supply</strong>&lt;br&gt;- Range: 0 to 312 Vac&lt;br&gt;- Frequency: DC to 5 KHz&lt;br&gt;- Rack mountable&lt;br&gt;- Power Factor Correction option available</td>
<td></td>
</tr>
<tr>
<td>93000550-50</td>
<td><strong>Three-Phase AC Programmable Power Supply with Power Factor Correction</strong>&lt;br&gt;- Range: 0 to 312 Vac&lt;br&gt;- Frequency: DC to 5 KHz&lt;br&gt;- Rack mountable&lt;br&gt;- Input power factor corrects to better than 0.99</td>
<td></td>
</tr>
<tr>
<td>93001001-10</td>
<td><strong>KPA Synchronizer Simulator</strong>&lt;br&gt;- Radar pulsed repetition frequency simulator and recycler</td>
<td></td>
</tr>
<tr>
<td>94000855-01</td>
<td><strong>Microwave Signal Generator</strong>&lt;br&gt;- Frequency: 10 MHz to 18 GHz&lt;br&gt;- Resolution: 0.1 Hz&lt;br&gt;- +10 to -190 dBm amplitude range&lt;br&gt;- Excellent spectrum purity&lt;br&gt;- Modulation capabilities (pulse, AM, FM)&lt;br&gt;- Rack mountable</td>
<td></td>
</tr>
<tr>
<td>94000887-01</td>
<td><strong>DC Power Supply Frame</strong>&lt;br&gt;- Can hold up to 6 DC modules, any combination&lt;br&gt;- Rack mountable</td>
<td></td>
</tr>
<tr>
<td>94000888-01</td>
<td><strong>0 to 7 V Module for DC Power Supply</strong>&lt;br&gt;- 15 A max.&lt;br&gt;- 105 W&lt;br&gt;- For use in 94000887-01</td>
<td></td>
</tr>
<tr>
<td>94000889-01</td>
<td><strong>0 to 20 V Module for DC Power Supply</strong>&lt;br&gt;- 10 A max.&lt;br&gt;- 200 W&lt;br&gt;- For use in 94000887-01</td>
<td></td>
</tr>
<tr>
<td>94000890-01</td>
<td><strong>0 to 32 V Module for DC Power Supply</strong>&lt;br&gt;- 6.25 A max.&lt;br&gt;- 200 W&lt;br&gt;- For use in 94000887-01</td>
<td></td>
</tr>
<tr>
<td>94000891-01</td>
<td><strong>0 to 320 V Module for DC Power Supply</strong>&lt;br&gt;- 0.625 A max.&lt;br&gt;- 200 W&lt;br&gt;- For use in 94000887-01</td>
<td></td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
95000017-01
RF Network Analyzer
- 0.1 to 500 MHz
- Integrated source
- Full accuracy enhancement
- Transmission and reflection measurements (amplitude and phase) performed
- Rack mountable

95000018-03
Microwave Network Analyzer
- 50 MHz to 20 GHz
- Integrated source
- Full accuracy enhancement
- Transmission and reflection measurements (amplitude and phase) performed
- Time domain capability
- Rack mountable
- Frequency offset mode
- Calibration kit

95000042-01
0 to 10 V Module for DC Power Supply
- 12 A max.
- 120 W
- For use in 94000887-01

95000043-01
0 to 40 V Module for DC Power Supply
- 5 A max.
- 200 W
- For use in 94000887-01

95000044-01
0 to 80 V Module for DC Power Supply
- 2.5 A max.
- 200 W
- For use in 94000887-01

95000045-01
0 to 160 V Module for DC Power Supply
- 1.25 A max.
- 200 W
- For use in 94000887-01

95000524-10
Phase Noise Measurement Drawer
- Measures phase noise at frequencies between 150 MHz (VHF) and 10.5 GHz (X band)
- Measures AM noise at frequencies between 150 MHz and 10.5 GHz
- Generates low noise signal outputs between 10 MHz and 10.5 GHz
- Provides signal switching, downconversion, amplification
- Unit is housed in a rack-mountable drawer

95000450-10
Auxiliary RF Signal Processor/Matrix
- Switching and attenuation DC to 18 GHz
- HF synthesis, low noise target generator (optional), and amplification

95000450-50
Auxiliary RF Signal Processor/Matrix
- Switching and attenuation DC to 18 GHz
- HF synthesis, low noise target generator, and amplification

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - IEEE-488

96000022-01
Programmable Load Power Supply
- 60 V/60 A or 120 V/30 A
- Constant current mode accuracy
- Constant low current range
- Constant voltage mode accuracy
- Constant resistance mode
- Current pulse mode
- Voltage pulse mode
- Resistance pulse mode
- Remote sensing

96740017-05
Peak Power Meter
- High resolution color display
- Front panel menu or IEEE remote operation
- Pulsed RF measurements from -24 to +20 dBm
- CW measurements from -34 to +20 dBm
- Balanced diode sensing for even-order harmonic suppression
- 1 MHz sampling rate
- 1 GHz internal calibrator

96740017-07
Dual-Channel Peak Power Meter
- CW and pulsed RF signals
- Peak and average power
- 500 MHz to 18 GHz
- -40 to +20 dBm (pulsed)
- -50 to +20 dBm (CW)

96740019-01
Peak Power Sensor
- Frequency range: 0.5 to 18 GHz
- Power measurement: -40 to +20 dBm
- Risetimes: < 100 ns
- VSWR: 1.15:1

96740019-03
Peak Power Sensor
- Frequency range: 0.5 to 18 GHz
- Power measurement: -50 to +20 dBm
- Risetimes: < 100 ns
- VSWR: 1.15:1

96740021-01
Frequency Synthesizer
- Front panel controls or BCD remote operation
- Frequency hopping: < 1 µs
- Frequency range: 0.01 to 4.6 GHz
- Power output: to 10 dBm
- Direct analog synthesis using 10 MHz source

96740021-03
Upgraded Frequency Synthesizer
- Front panel controls or BCD remote operation
- Frequency hopping: < 1 µs
- Frequency range: 0.01 to 4.6 GHz
- Power output: to 10 dBm
- Direct analog synthesis using 10 MHz source
- Improved reliability

96740021-05
Frequency Synthesizer
- Front panel controls or BCD remote operation
- Frequency hopping: < 500 ns
- Frequency range: 0.01 to 3.0 GHz
- Power output: to 10 dBm
- Direct analog synthesis using 10 MHz source
- Improved reliability

96740022-03
Power Amplifier
- Frequency range: 0.85 to 1.45 GHz
- Power output: 100 W (50 dBm) min.
- Input power: 1 mW (0 dBm) max.
- Input VSWR: 2:1
- Output VSWR: 1.3:1
- Harmonics suppression: -30 dBc
- Spurious suppression: -60 dBc

L9668-111-020-17
Data Acquisition and Control Mainframe

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
CNTX-1
Control Device (Requires ICSS Software License Agreement
(Appendix A applies)
  - Provides interface to BRAT® tester and TPS (includes CPIN)

00002999-01
VSWR Adjustable Waveguide

02200108-01
Air Data Test Set
  - Simultaneously measures an input pressure and controls an output pressure
  - Displays input and output pressure parameters as steady state altitude or airspeed or as rate of change of altitude or airspeed
  - Provides 2 pneumatic outputs (Ps and Pt)
  - Altitude can be displayed in feet or meters
  - Airspeed can be displayed in knots, MPH, ft/s, m/s, km/Hr, Mach
  - Pressure can be programmed or read in inches Hg, PSI, mBar, kPa
  - Static pressure (Ps) output has a range of 0 to 32.15 inches HgA
  - Total Pressure (Pt) output has a range of -0.5 to 73.55 inches Hg
  - Operates in local or remote mode

02200207-10
Compressor/Vacuum Pump Case Assembly

02300521-10
Controller Case Assembly with Controller (BRAT® 514A)
  - Used to position camera
  - Provides power for system
  - Provides communication from computer

04000197-10
Switch Assembly
  - BRAT® universal analog crosspoint switch assembly

05001000-10
Antenna Mass Simulator
  - Provides the capability required to test Antenna Servo Electronics systems

08010009-10
Liquid Cooling System
  - A liquid cooling cart for use with high power RF systems
  - Supplies liquid coolant
  - Remote On and Off
  - Coolant types: Coolanol 25 or PAO
  - Coolant flow of 2.5 gal/min
  - Interconnecting hoses and cables

92103782-01
Waveform Generator

94100500-10
Electronic Power Control Center - BRAT® with Rubidium
  - Power up sequencing of single-phase/3-phase power input to outlets
  - Elapsed time indicator
  - Emergency stop for removing power from configured outlets
  - Monitoring of AC line inputs for dropout/reversed phases

94100500-30
Electronic Power Control Center - BRAT®
  - Power up sequencing of single-phase/3-phase power input to outlets
  - Elapsed time indicator
  - Emergency stop for removing power from configured outlets

94100500-50
Electronic Power Control Center - Single Phase
  - Power up sequencing of single-phase power input to outlets
  - Elapsed time indicator
  - Emergency stop for removing power from configured outlets

94100500-70
Electronic Power Control Center - RF Rack
  - Power up sequencing of single-phase power input to outlets
  - Elapsed time indicator
  - Emergency stop for removing power from configured outlets

94100500-90
Electronic Power Control Center - BRAT® with Rubidium
  - Power up sequencing of single-phase/3-phase power input to outlets
  - Elapsed time indicator
  - Emergency stop for removing power from configured outlets
  - Monitoring of AC line inputs for dropout/reversed phases

94100500-110
Electronic Power Control Center - BRAT®
  - Power up sequencing of single-phase/3-phase power input to outlets
  - Elapsed time indicator
  - Emergency stop for removing power from configured outlets
  - Monitoring of AC line inputs for dropout/reversed phases

94100500-130
Electronic Power Control Center - Single Phase
  - Power up sequencing of single-phase power input to outlets
  - Elapsed time indicator
  - Emergency stop for removing power from configured outlets

94100500-150
Electronic Power Control Center - RF Rack
  - Power up sequencing of single-phase power input to outlets
  - Elapsed time indicator
  - Emergency stop for removing power from configured outlets

94100500-190
Electronic Power Control Center - Single Phase with Rubidium (with Internal Drops)
  - Power up sequencing of single-phase power input to outlets
  - Elapsed time indicator
  - Emergency stop for removing power from configured outlets
  - Rubidium oscillator with 3 high-isolation outputs for common stable time reference

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
94100500-230
Electronic Power Control Center - Single Phase with Rubidium (with Rear Multi-Coax)
- Power up sequencing of single-phase power input to outlets
- Elapsed time indicator
- Emergency stop for removing power from configured outlets
- Rubidium oscillator with 3 high-isolation outputs for common stable time reference

94100500-250
Electronic Power Control Center - Single Phase with Rubidium (with Rear Multi-Coax)
- Power up sequencing of single-phase power input to outlets
- Elapsed time indicator
- Emergency stop for removing power from configured outlets
- Rubidium oscillator with 3 high-isolation outputs for common stable time reference

94100604-01
Frequency Counter
- CW and pulsed RF signals to 20 GHz
- Frequency and power of repetitive signals down to 50 ns
- Pulse widths from 50 ns to 1 second
- Pulse periods from 950 ns to 1 second
- Internal or external timing and control signals

94100671-10
Waveguide Pressurization Unit and Blower Assembly
- Super-dried compressed air at 15 psi
- Forced air up to 270 cfm (free delivery)
- Monitored outputs: 3 (blower pressure, blower air flow, compressed air pressure)

94100671-30
Waveguide Pressurization Unit
- Super-dried compressed air at 15 psi

94101013-10
Phase Noise Measurement System Reference Source Unit
- Generates RF reference signals in UHF, L, and X bands
- Coherent UHF, L-band, and X-band outputs from external reference source
- Simultaneous fixed-frequency outputs with individually controlled amplitudes

94101013-50
Phase Noise Measurement System Reference Source Unit with Option 02
- Generates RF reference signals in UHF, L, and X bands
- Coherent UHF, L-band, and X-band outputs from external reference source
- Simultaneous fixed-frequency outputs with individually controlled amplitudes
- Increases the programmable COHO frequency coverage
- Noise source injection testing
- 2-tone RF signal generation
- Increased programmable attenuation
- Increased switching capabilities

94101013-OPT02
Phase Noise Measurement System Reference Source Unit Option 02 - Broadband Upgrade

94101130-01
Phase Noise Measurement System
- Measures phase and amplitude noise on both CW and pulsed RF signals at carrier frequencies between 10 MHz and 18 GHz
- Measures absolute phase noise, additive phase noise, and amplitude phase noise
- Measures noise at any offsets between 0.01 Hz and 40 MHz

94101201-10
Logic Analyzer Case Assembly
- High speed digital logic analyzer for use in analyzing complex digital waveforms
- 102 Channels
- 200 MHz State mode operation
- 800 MHz Timing mode operation

95650142-10
Three-Phase Power Distribution System
- EMI/RFI filter
- 14 Outlets
- Remote power on/off
- Circuit breakers for each phase
- Rack mountable

95650143-10
Single-Phase Power Distribution System
- EMI/RFI filter
- 8 outlets
- Remote power on/off
- Circuit breaker protection
- Rack mountable

96000169-10
1.2 MHz Low Pass Filter Assembly

96000169-30
2.2 MHz Low Pass Filter Assembly

96000170-10
1.9 MHz Low Pass Filter Assembly

98715001-01
DC Power Supply
- Resolution: 12 bits
- Range: 1 x 0 to 600 Vdc @ 1.7 A

98715001-03
DC Power Supply
- Resolution: 12 bits
- Range: 1 x 0 to 60 Vdc @ 16 A

98715002-01
Relay Matrix
- Format: 32 x 8 switched pairs
- Voltage: 200 Vdc max.
- Current: 1.5 A carry, 0.5 A switch
- Bandwidth: 50 MHz
Products - Equipment

98715003-01
Form C Relays
- Relays: 48 Form C relays
- Voltage: 220 V switch
- Current: 0.5 A switch
- Bandwidth: 50 MHz at -3 dB
- Power: 1.25 KVA max.

98715004-01
Rail Generator for 98715005-01
- Levels: 4 output voltage levels, 4 input voltage levels
- Range: -4 Vdc to +7 Vdc

98715005-01
Programmable Level Dynamic Digital Unit
- Pins: 32 input, 32 output (options for additional pins)
- Skew: 15 ns max.
- Edge: Resolution 100 ps, accy ±2 ns
- Clock: 25 MHz pattern rate, 16 format clocks
- Memory: 7 @ 64K each (output, 3-state, out algorithm, expect, mask, in algorithm, record)
- Levels: Programmable

98715006-01
Variable I/O Module for 98715005-01
- Output drivers: 32 programmable channels
- Input receivers: 32 programmable channels

98715007-01
Static Digital Latch
- Pins: 64 input, 64 output
- Input threshold level: Programmable -32 to +32 V
- Output level: Internal pull up to 5 V or external to +42 V (max.)
- Output sink current: 250 mA

98715008-01
Programmable Resistance Module
- Channels: 1
- Accuracy: 0.1%
- Resolution: 0.1 Ω
- Range: 0 to 1 MΩ

98715009-01
Phase Angle Voltmeter
- Bandwidth: 10 Hz to 100 KHz
- Voltage range: 50 mV to 300 V rms
- Resolution: 5 digits
- Accuracy - phase voltage: 0.08% @ 400 Hz
- Accuracy - total voltage: 0.15% @ 400 Hz
- Accuracy - phase angle: 0.10% @ 400 Hz
- Current: 0 to 16 A

98715010-01
Synchro/Resolver Simulator and Indicator
- Channels: 1 simulator, 1 indicator
- Frequency range: 47 Hz to 1 KHz
- Output level: 2.0 to 90.0 V line to line
- Accuracy: 0.003 degree
- Resolution: 0.001 degree
- Rotation rate: 0.0 to 1000 degree/s

98715011-01
Power Digital to Analog Converter
- Channels: 4
- Voltage range: ±4 Vdc or ±(0 to 40) Vdc
- Resolution: 16 bits
- Current: 0 to 300 mA

98715012-01
Arbitrary Waveform Generator
- Channels: 1 output channel
- Frequency range: 1.0 MHz to 25 MHz
- Amplitude (1 MΩ): 50 mV to 22 V p-p
- Amplitude (50 Ω): 10 mV to 11 V p-p
- Standard waveforms: 8 (sin, triangle, square, pulse, pos ramp, neg ramp, arbitrary, DC)
- Custom waveforms: 64K points, 19-bit data, 50 MHz data rate
- Modulation modes: 6 (FM, PM, AM, PSK, FSK, PWM)

98715013-01
Dual-Pulse, Arbitrary Function Generator
- Channels: 2 pulse channels, 1 arbitrary channel
- Frequency range: 10 Hz to 50 MHz
- Amplitude (50 Ω): 5.0 mV p-p to 29.0 V p-p
- Pulse period: 10.0 ns to 1.0 s
- Pulse width: 10.0 ns to 1.0 s
- Pulse delay: 100 ns to 1.0 s
- Rise/fall times: 3.0 ns to 150 ns
- Modes: 6 (normal, trig, delay trig, burst, gated)

98715014-01
Blower Assembly
- Flow rate: 270 CFM @ 0° water
- 160 CFM @ 3° water
- Monitored signals: 3 (temp, press, flow rate)

98715015-01
DC Power Supply
- Resolution: 12 bits
- Range: 1 x 0 to 300 Vdc @ 15 A

98715016-01
Power Amplifier
- Channels: 2 channels
- Gain: x 5 fixed
- Frequency range: DC to 18 KHz
- Drive voltage: 65 V p-p
- Drive current: 1 A
- Output power: 100 W

98715016-03
Power Amplifier
- Channels: 2 channels
- Gain: x 10 fixed
- Frequency range: DC to 18 KHz
- Drive voltage: 110 V p-p
- Drive current: 0.5 A
- Output power: 100 W

98715017-01
Rack Blower Assembly
- Flow rate: 390 CFM

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - Equipment

98715045-01
Blower Assembly
- Forced air up to 270 cfm (free delivery)

DCSS-10
Dual-Channel Satellite Simulator/Converter
- Provides independent uplink and downlink functions between a 70 MHz IF carrier and UHF frequencies
- Synthesized local oscillators allow frequency tuning while providing low group delay and flat frequency response
- Gain and frequency control can be adjusted locally via front panel
- Stand-alone instrument with remote Ethernet programming/control
- Installed in a ruggedized case for lab or field use

LPF-2009090
Low Power Filter Production
- Contingent upon a total quantity of 700 or greater, in lots of 75 to 150

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - Common Parts

Computer Common Parts

92105293-COM Computer Common Parts
92105099-01 Graphics Card
94000868-01 1.44 MB Floppy Drive
94100564-01 PCI Network Card
94100706-01 DVD-ROM Player
94100956-01 PS/2 Mouse - BRAT® 100
94100957-01 PS/2 Keyboard - BRAT® 100

BRAT® Common Parts

92105294-COM BRAT® Common Parts
09200110-01 Female Pipe Coupler
09200114-01 Coupler Protector
09200116-01 General Purpose Coupler
09200118-01 Male Bulkhead Connector
09200192-01 Filter/Regulator Gauge
09200193-01 Expander/Adapter
09200194-01 Filter/Regulator with Gauge
04000043-01 Angle Brackets
04000057-01 Side Panel
04000058-01 Bottom Panel
04000059-01 Joining Kit
92103674-01 Duplex AC Outlet
92103692-01 Amber Neon Lamp
92103951-01 Elapsed Time Meter
92103966-01 ETM Bezel
92103967-01 Single-Phase Circuit Breaker
92103968-01 Double Wheel Caster
92103969-01 Three-Phase Circuit Breaker
93000165-03 90 A IEC Connector
93000521-30 Wiring Duct Cover - Modified
93000547-01 Three-Phase Power Plug
94100172-01 Cable Shield - BRAT® 405
94100172-03 Cable Shield - BRAT® 405
94100293-01 BNC Jack to Type N Jack Bulkhead Adapter
94100344-01 Left Inlet Connector Lock
94100344-02 Right Inlet Connector Lock
94100345-01 Left Outlet Connector Lock
94100345-02 Right Outlet Connector Lock
94100411-01 Cable Retainer
94100492-01 100 Ω Coaxial Cable - 24'
95000065-01 Inrush Current Limiter
96000033-01 900 Position Pin Header with .533 Tails for RFI Receiver
96000171-01 Type N Plug to SMA Jack Adapter
96200051-01 Connector Spacer
96200051-03 Connector Spacer
96238203-01 Female to Female GPIB Bulkhead Connector
96238204-01 Male to Male In-line GPIB Cable
MS27509F25C Electrical Connector Cover
WC596/42-2 Power Plug

Hardware

92105295-COM Hardware (Loose Hardware such as Screws, Nuts, Bolts, Lugs, etc.)
04000040-01 Hardware Kit

Products - Hardware Upgrades

96000001-UPG
BRAT® Option 504 Controller I/O Upgrade - Increased Memory

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
01000500-01
Dual-Channel Satellite Simulator
- Low noise RF output from -158 to -88 dBm
- Simulation of any GPS (NAVSTAR or GLONASS satellite)
- User uploadable NAV data with dynamic z-count for exact satellite simulation
- User control of Doppler velocity, acceleration, and jerk
- Outputs C/A code, code chip clock, epoch sync, NAV data, and NAV data clock
- Complete technical manual provided with calibration and maintenance procedures
- Full remote control via available LabVIEW™ driver
- Provision for external frequency reference
- Single-channel or dual-channel models available
- Input power: 100 to 130 Vac, 200 to 250 Vac, 47 to 63 Hz
- Rack mountable

01000501-01
Signal Generator
- Avionics modes supported: VOR, LOC, GS, MB, COMM, SELCAL, ADF
- Rear panel video
- Front panel control of video level for use with NAV converters
- Front panel store and recall: 49 setups per mode, 294 total
- Digital Signal Processing (DSP) assures stability and accuracy
- IEEE-488 interface standard - full bus control of all features
- FCC Type Accepted - for use in free radiation
- Output power range: -120 to +7 dBm
- Rack mountable

01000502-01
Navigation Support Instrument
- ATCRBS and Mode S Transponders
  - Transmission and reception of Mode S Extended Length Messages (ELM)
  - Transmission and reception of Comm-C and Comm-D Datalink Messages
  - 2 transmit channels for top and bottom antenna diversity testing
  - Ability to simulate any Mode A, C, S, and Intermode Interrogation
  - Ability to measure all key reply parameters: Pulse Timing, Power, Frequency, % Reply, Squitter, etc.
- Distance Measuring Equipment
  - Ground Station Simulation
  - Velocity to 10,000 knots
  - Distance to 400 nmi
  - Ability to measure all key RF parameters and vary reply pulse parameters
  - Power requirements: 93 to 264 Vac, 45 to 440 Hz
- IFF and TACAN
- Rack mountable

01000503-01
Audio Demodulator (Spectrum Analyzer)
- 250 KHz to 1 GHz RF generator
- Duplex operation
- 250 KHz to 1 GHz receiver
- 10 Hz to 40 KHz AF generator
- 250 KHz to 1 GHz spectrum analyzer
- 1 MHz oscilloscope
- 10 Hz to 40 KHz AF counter
- Digital data generator
- 250 KHz to 1 GHz RF counter
- Rack mountable

01000503-03
Audio Demodulator (Accessory Module)
- Same description as 01000503-01
- Adds VHF and SATCOM testing capabilities, including Have Quick spread spectrum options

03000004-01
Measurement Switch Module
- Routes UUT or communication/navigation generated signals to the specified test instrument for the purpose of measuring the signals or UUT being evaluated
- Some signal conditioning circuitry and self test circuitry is also included in this module to support self testing of specific signals under test

03000005-10
Noise Figure Meter with Noise Source
- Used to measure noise figures on communications receivers, components, etc.
- Provides a NIST traceable excess noise level such that the noise figure meter is calibrated at the system level

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
**Products - Transportable**

**Transportable Cases for BRAT® Test Systems**
The transportable tester utilizes ruggedized cases to protect the test equipment for transport and from harsh environmental conditions. The cases protect the equipment from a transit drop of 18 inches. They have a geometric configuration which permits stacking and are equipped with front and rear covers. The covers have provisions for storage of cables and other accessories. The cases are fitted with pressure equalizing valves and are equipped with hinged handles to facilitate easy carrying as well as stacking.

- TC941-AC Transportable A/C Case
- TC941-ANAC Transportable Analog Case
- TC941-CC Transportable Controller Case
- TC941-DC1 Transportable D/C1 Case
- TC941-DC2 Transportable D/C2 Case
- TC941-JTDS2 Transportable JTIDS2 Case
- TC941-MMS1 Transportable MMS1 Case
- TC941-MMS2 Transportable MMS2 Case
- TC941-MMS3 Transportable MMS3 Case
- TC941-NET Transportable Network Analyzer Case
- TC941-RFIU Transportable RFIU Case
- TC941-SYN3 Transportable SYN3 Case
- TC941-TDC Transportable Turret/Digital Case
- 94100260-10 Transportable RF Upgrade
- 94100261-10 Transportable VXI Case

**Products - PC-Based**

**92105234-01**
MXI-3 Interface Board

**94000864-01**
MIL-STD-1553A/B Bus Analyzer
- Operating modes:
  - Bus controller
  - Multiple RT
  - Bus monitor
  - Programmable response time
  - Dual bus
- Programmable parameters:
  - Response time
  - Message rate
  - Amplitude
  - Error injection

**95000047-01**
Digital to Synchro Resolver
- 3 independent digital to synchro channels (custom configurable)
- Dynamic rate and directions

**95000047-03**
Synchro Resolver to Digital
- 3 independent synchro to digital channels (custom configurable)
- Dynamic rate and directions

**94100524-10**
Phase Noise Drawer Case Assembly
- Includes phase noise case and phase noise measurement #2

**95100200-10**
RFIU Phase Noise Case with SPD
- Includes RFIU case and mainframe, RF measurement #1, phase noise measurement module, RF output, auxiliary signal processor/matrix, power sensor

**92105234-01**
ARINC-429 Test/Simulation and Monitor Card
- Up to 10 ARINC-429 channels
- Variable Tx amplitude control per Tx channel
- Programmable rise/fall time per Tx channel
- Programmable Tx inter-word gap (sync) time
- 32K x 8 true dual-port RAM (8- and 16-bit transfers)
- User definable Tx and Rcv buffer sizes per channel
- 2 modes of receiver/monitor data storage modes (Sequential and Lookup Table)
- ARINC filter table
- Error injection (per block)
- Error detection (per ARINC word)
- Interrupt and polling capabilities in all modes

**95000057-01**
ARINC-629 (DATAC) Simulation and Test Board
- 16/8-bit data bus
- Time tagging of messages
- ARINC-629 compatible Serial Interface Module (SIM) (standard)
- Open collector TTL (standard)
- 128K x 16 double buffered data ram (dual ported)

**96000095-01**
PCI-MXI-9 Card
- PCI-MXI-9 Circuit Card Assembly
- Hardware Registration Card
- Product Guide

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
**Products - Manuals**

- **P/N 10**
  - **BRAT® 100/300 Series Technical Manual**
  - Operations and maintenance instructions with illustrated parts breakdown for BRAT® 100 series and BRAT® 300 series

- **P/N 20**
  - **BRAT® 200/400 Series Technical Manual**
  - Operations and maintenance instructions with illustrated parts breakdown for BRAT® 200 series and BRAT® 400 series

- **P/N 50**
  - **BRAT® Option B504 Technical Manual**
  - Operations and maintenance instructions with illustrated parts breakdown

- **P/N 51**
  - **BRAT® Option B507 Technical Manual**
  - Operations and maintenance instructions with illustrated parts breakdown

- **OEM Manuals**
  - OEM manuals are available from outside vendors. Call for pricing.

**Products - Leasing - TPS, ITA, Holding Fixture, or Tester**

Software Subject to License Agreement (Refer to Appendix A), Leasing (Appendix D)

- **L-101**
  - **Leasing - TPS, ITA, Holding Fixture, or Tester**
    - **Leasing:**
      - TPS, ITA, Holding Fixture, or Tester
    - **Cost:**
      - Item price plus 25% paid over 3 years
    - **Leasing is to be paid in advance as follows:**
      - 1st Year - 45%
      - 2nd Year - 35%
      - 3rd Year - 20%
    - **Term:**
      - Minimum two-year lease
    - **Purchase Option:**
      - At the end of the 3rd year lease, purchase price is 4% of the 3-year total lease price.
      - The price does not include repair, maintenance, or calibration.

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
**Products - Auxiliary**

00002004-30
Monitor Assembly

02200127-01
Pitot Adapter
- Used to connect the BRAT® B511 Air Data Test Set to the 1C-130-A/B aircraft pitot tube (G-model tube)

02200128-01
Static Adapter
- Used to connect the BRAT® B511 Air Data Test Set static line to the 1C-130-A/B aircraft static vent (flush mounted)

02200134-01
1/8 HP Compressor
- Supplies up to 50 psi of air

02300504-01
Dash Cable
- Interface between controller and camera

02300508-01
Combination HUD Fixture/Alignment Tool
- Used to align system before testing HUD

02300509-01
Light Shroud

02300515-01
Boresight Bench
- Used to mount HUD

02300518-01
9" Black and White Monitor

02300522-10
Transport/Camera Assembly
- Mounts on Boresight Bench (P/N 02300515-01)

04000041-01
Rack Assembly

04000042-01
Rack Assembly

05300003-10
TACAN Programmed Integrated Circuit

08020102-10
Power Control Unit
TPS compatible replacement instrument for obsolete ESTS instrument Power Control Unit
- Input volt range: 103 to 129 V rms
- Input frequency range: 47.5 to 440 Hz
- Single phase feed

92103563-10
Benchtop Assembly

92103594-30
Computer w/o Monitor

92103974-10
Electronic Load Kit
- Cabling and connectors to handle signals above 15 A for up to 4 electronic load modules

92104001-01
Printer

92104011-01
17" Monitor

92105237-01
18.1" LCD Monitor

93000042-01
400 Hz Three-Phase Power Conditioner and Distribution Box
- Rack mountable

94000292-70
Accessory Assembly
- A modified drawer specifically designed for the BRAT® B512
- Stores accessories such as RF adapters and tools used for connecting and disconnecting the RFIU modules

94000753-10
Storage Drawer Assembly

94000862-10
Control Assembly

94000901-01
2000 VA Uninterruptible Power Supply
- 2 battery packs

94000902-01
Battery Pack for 94000901-01

94100243-01
Female Quick-Disconnect Connector (180 Pins)

94100312-30
Transportable Computer w/o Monitor

94100327-10
Rack Mount LCD Keyboard and 18.1" Monitor

94100548-01
IDE Hot Swap Tray

94100550-01
IDE Hot Swap Tray - Solenoid Lock Option

94100562-01
Hard Disk Drive

94101001-03
Keyboard with Touchpad

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

Products - Auxiliary

94101939-10
BRAT®-Ready Replacement Hard Drive (for licensees only)
- BRAT® controller-compatible hard drive preloaded with a purchased BRAT® software upgrade (P/N 3105SU-1, or P/N 3105SU-2, or P/N 3105SU-3)

95000021-01
Rack Mountable Programmable Loads
- 6 loads per chassis, can be paralleled
- 60 A, 450 V, 300 W
- Constant current
- Constant resistance
- Short circuit
- Pulsed loading

95000030-01
Quick Disconnect High Density Interface
- Modular Connector System
  - 380 signal pins per module
  - 920 signal pins and 24 power pins per module
  - 920 signal pins and 24 coaxial pins per module
- High Current Capability
  - 20 A - power pins
  - 3 A - signal pins
- High Frequency Capability
  - 2 GHz - coaxial pins

95000039-01
Mobile Work Surface
Features extra large 14-gauge steel top with antistatic work surface and ESD mat. Rugged 16-gauge sides and all welded steel construction ensure added strength and long life. Provides keyed handle lock storage compartments for holding fixtures, adapters, and tools. Contains locking wheel casters with 4000 lb. capacity. Optional convenience outlets, cooling fans, and cooling fixtures.

95650071-03
Rack Mount Keyboard

95650139-10
Rack Mount Computer Assembly
- Stand-alone personal computer
- Operates at a minimum 66 MHz
- Interfaces to the instrument modules via IEEE-488 bus
- MS-DOS and Windows™ based computer with a minimum of 16 MB of RAM, 1 GB of hard disk memory, and a 1.4 MB 3½ inch floppy disk drive

95650139-50
Rack Mount Computer Assembly

95650140-10
Rack Mount Monitor

95650173-10
Laser Jet Printer

95650709-01
Laser Jet Printer

95650704-01
Rack Mount Computer

95650705-01
Rack Mount Keyboard

96000015-01
Current Sharing Power Supply
- Provides additional 5 V current for high power VXI chassis requirements

96000015-03
AC Current Sharing Power Supply
- Provides additional 5 V current for high power VXI chassis requirements

96648302-10
Differential Driver CCA

96740956-110
High Frequency Probe Kit
- Contains a high frequency probe, oscilloscope probes, and a DMM probe as well as test leads, DIP clips, and assorted test accessories

99000328-10
Rack Mount LCD Keyboard and 18.1" Monitor

AVS
Advanced Video System Board Assembly
- Multi-format video display generator and video image acquisition/analysis system
- Display generator supports composite video with any sync format, rectilinear and polar raster, multi-image interactive stroke, and mixed video (stroke over composite or stroke over raster)
- Acquisition/analyzer supports all video formats and sync processor/analyzer functions

BRATNET SERV
BRATNet® Server Application
- Web-based BRATNet® server for up to 10 users (software only)

CU-101
Multimedia/NT Computer
- DVD
- CD-ROM rewrite
- Removable hard drive
- Zip drive
- Ethernet card
- NT software

DAC
DAC/Utility Switch Board Assembly
- 8 Digital/Analog Converters (DACs) function as DC reference generators
- 32 Form C relays used for utility switching

VI
Virtual Instrument Board Assembly
Card can be configured to function as:
- Single-channel arbitrary function generator that supports standard (sine, triangle, square, pulsed DC, DC) and user defined custom waveshapes up to 25 MHz
- 9-channel digitizer with 12-bit or 8-bit amplitude sampling accuracy up to 100 MHz
- 9-channel counter/timer that supports standard functions (frequency, period/period average, PRF, time interval, rise/fall time) measurements from DC to 100 MHz

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - Pneumatic

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00071002-10</td>
<td>Valve Driver CCA</td>
</tr>
<tr>
<td>00071006-10</td>
<td>Actuator Driver CCA</td>
</tr>
<tr>
<td>L9668-111-011-01</td>
<td>Pressure Gauge</td>
</tr>
<tr>
<td>L9668-111-011-02</td>
<td>Pressure Gauge</td>
</tr>
<tr>
<td>L9668-111-014-01</td>
<td>RV Operator</td>
</tr>
<tr>
<td>L9668-111-014-03</td>
<td>Pressure Gauge</td>
</tr>
<tr>
<td>L9668-111-015-01</td>
<td>Pressure Gauge</td>
</tr>
<tr>
<td>L9668-111-015-02</td>
<td>Pressure Gauge</td>
</tr>
<tr>
<td>L9668-111-016-01</td>
<td>Pressure Transducer</td>
</tr>
<tr>
<td>L9668-111-016-02</td>
<td>Pressure Transducer</td>
</tr>
<tr>
<td>L9668-111-016-03</td>
<td>Pressure Transducer</td>
</tr>
<tr>
<td>L9668-111-016-04</td>
<td>Pressure Transducer</td>
</tr>
<tr>
<td>L9668-111-016-05</td>
<td>Pressure Transducer</td>
</tr>
<tr>
<td>L9668-111-023-01</td>
<td>Gas Filter</td>
</tr>
<tr>
<td>L9668-111-023-11</td>
<td>Replacement Filter</td>
</tr>
<tr>
<td>L9668-111-024-01</td>
<td>2-Way NO Shutoff Valve</td>
</tr>
<tr>
<td>L9668-111-024-02</td>
<td>2-Way NC Shutoff Valve</td>
</tr>
<tr>
<td>L9668-111-024-03</td>
<td>3-Way Shutoff Valve (Return Port 1)</td>
</tr>
<tr>
<td>L9668-111-024-04</td>
<td>3-Way Shutoff Valve (Return Port 2)</td>
</tr>
<tr>
<td>L9668-111-025-01</td>
<td>Gas Regulator</td>
</tr>
<tr>
<td>L9668-111-030-01</td>
<td>Check Valve</td>
</tr>
<tr>
<td>L9668-111-030-02</td>
<td>Check Valve</td>
</tr>
<tr>
<td>L9668-111-030-03</td>
<td>Check Valve</td>
</tr>
<tr>
<td>L9668-111-030-04</td>
<td>Check Valve</td>
</tr>
<tr>
<td>L9668-111-025-02</td>
<td>Gas Regulator</td>
</tr>
<tr>
<td>L9668-111-025-03</td>
<td>Gas Regulator</td>
</tr>
<tr>
<td>L9668-111-026-01</td>
<td>Air Regulator</td>
</tr>
<tr>
<td>L9668-111-026-02</td>
<td>Air Regulator</td>
</tr>
<tr>
<td>L9668-111-026-03</td>
<td>Air Regulator</td>
</tr>
<tr>
<td>L9668-111-026-04</td>
<td>Air Regulator</td>
</tr>
<tr>
<td>L9668-111-026-05</td>
<td>Air Regulator</td>
</tr>
<tr>
<td>L9668-111-028-01</td>
<td>Flowmeter</td>
</tr>
<tr>
<td>L9668-111-028-02</td>
<td>Flowmeter</td>
</tr>
<tr>
<td>L9668-111-028-03</td>
<td>Flow Signal Conditioner</td>
</tr>
<tr>
<td>L9668-111-032-01</td>
<td>Manual Shut Off Valve</td>
</tr>
<tr>
<td>L9668-111-053-01</td>
<td>Solenoid Valve</td>
</tr>
<tr>
<td>L9668-111-054-01</td>
<td>Filter Regulator</td>
</tr>
<tr>
<td>L9668-111-054-11</td>
<td>Filter Replacement</td>
</tr>
<tr>
<td>L9668-111-057-01</td>
<td>Restrictor Orifice</td>
</tr>
<tr>
<td>L9668-111-057-02</td>
<td>Restrictor Orifice</td>
</tr>
<tr>
<td>L9668-111-057-03</td>
<td>Restrictor Orifice</td>
</tr>
<tr>
<td>L9668-111-057-04</td>
<td>Restrictor Orifice</td>
</tr>
<tr>
<td>L9668-111-058-01</td>
<td>Ullage Volume</td>
</tr>
<tr>
<td>L9668-111-060-01</td>
<td>Gauge Protector</td>
</tr>
</tbody>
</table>

Products - Modified/Refurbished

08020001-01
RF Generator #1 (Modified/Refurbished)
TPS compatible refurbishment of obsolete ESTS instrument RF Generator #1
- 10 MHz to 18 GHz with 1 Hz resolution
- +13 to -90 dBm with 0.1 dB resolution
- AM, FM, and PM modulation

08020002-01
Signal Analyzer (CNTS) (Modified/Refurbished)
TPS compatible refurbishment of obsolete ESTS instrument Signal Analyzer (CNTS)
- Carrier frequency range: 5 MHz to 18 GHz
- +10 to -90 dBm AM noise measurement range
- +5 to +1.5 dBm FM noise measurement range

08020014-03
Spectrum Analyzer (Modified/Refurbished)
TPS compatible refurbishment of obsolete ESTS instrument Spectrum Analyzer
- 30 Hz to 18 GHz
- +30 dBm to noise floor reference
- RBW 1 Hz to 2 MHz

08020018-01
RF Generator #2 (Modified/Refurbished)
TPS compatible refurbishment of obsolete ESTS instrument RF Generator #2
- 10 MHz to 18 GHz with 1 Hz resolution
- +12 to -90 dBm with 0.1 dB resolution
- AM, FM, and PM modulation

08020020-01
RF Counter (Modified/Refurbished)
TPS compatible refurbishment of obsolete ESTS instrument RF Counter
- 100 Hz to 18 GHz frequency range (CW and peak)
- -14 to +7 dBm
- 3 discrete bands

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

MAP-5831-01-010-3519 Retrofit for Mission Audio Panel
## Development Environment

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00001</td>
<td>TCASE® Development System</td>
</tr>
<tr>
<td>00002</td>
<td>TestExec</td>
</tr>
<tr>
<td>00003</td>
<td>TBASIC®</td>
</tr>
<tr>
<td>00004</td>
<td>PROLIN - Program Language Translator Case Tool</td>
</tr>
<tr>
<td>00005</td>
<td>BRAT® Level Access Manager (BLAM)</td>
</tr>
<tr>
<td>00006</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
</tr>
<tr>
<td>00007</td>
<td>BRAT® Logistics Tool (BLT), network version (five users)</td>
</tr>
</tbody>
</table>

## Development Software

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11067</td>
<td>Development Software for BRAT® 67</td>
</tr>
<tr>
<td>11067/100</td>
<td>Development Software for BRAT® 67 Option 100</td>
</tr>
<tr>
<td>10101</td>
<td>Development Software for BRAT® B101, including computer</td>
</tr>
<tr>
<td>11101</td>
<td>Development Software for BRAT® B101</td>
</tr>
<tr>
<td>11101M</td>
<td>Development Software for BRAT® Option B201M</td>
</tr>
<tr>
<td>10103</td>
<td>Development Software for BRAT® B103, including computer</td>
</tr>
<tr>
<td>11103</td>
<td>Development Software for BRAT® B103</td>
</tr>
<tr>
<td>10105</td>
<td>Development Software for BRAT® B105, including computer</td>
</tr>
<tr>
<td>11105</td>
<td>Development Software for BRAT® B105</td>
</tr>
<tr>
<td>10303C</td>
<td>Development Software for BRAT® B303C, including computer</td>
</tr>
<tr>
<td>11303C</td>
<td>Development Software for BRAT® B303C</td>
</tr>
<tr>
<td>10305B</td>
<td>Development Software for BRAT® B305B, including computer</td>
</tr>
<tr>
<td>11305B</td>
<td>Development Software for BRAT® B305B</td>
</tr>
<tr>
<td>11305BJ</td>
<td>Development Software for BRAT® 305BJ - JTIDS</td>
</tr>
<tr>
<td>10306</td>
<td>Development Software for BRAT® B306, including computer</td>
</tr>
<tr>
<td>11306</td>
<td>Development Software for BRAT® B306</td>
</tr>
<tr>
<td>10307</td>
<td>Development Software for BRAT® 307, including computer</td>
</tr>
<tr>
<td>11307</td>
<td>Development Software for BRAT® 307</td>
</tr>
<tr>
<td>11307BJ</td>
<td>Development Software for BRAT® RF307BJ - JTIDS</td>
</tr>
<tr>
<td>10308</td>
<td>Development Software for BRAT® 308, including computer</td>
</tr>
<tr>
<td>11308</td>
<td>Development Software for BRAT® 308</td>
</tr>
<tr>
<td>11406</td>
<td>Development Software for BRAT® R406</td>
</tr>
<tr>
<td>10504</td>
<td>Development Software for BRAT® Option B504, including computer</td>
</tr>
<tr>
<td>11504</td>
<td>Development Software for BRAT® Option B504</td>
</tr>
<tr>
<td>11504/100</td>
<td>Development Software for BRAT® Option B504 Option 100 (Requires P/N 11504)</td>
</tr>
<tr>
<td>11504/500</td>
<td>Development Software for BRAT® Option B504 Option 500 (Requires P/N 11504 and P/N 11504/100)</td>
</tr>
<tr>
<td>11507</td>
<td>Development Software for BRAT® Option B507</td>
</tr>
<tr>
<td>11511</td>
<td>Development Software for BRAT® Option B511</td>
</tr>
<tr>
<td>11512A</td>
<td>Development Software for BRAT® Option B512</td>
</tr>
<tr>
<td>11514</td>
<td>Development Software for BRAT® Option B514</td>
</tr>
<tr>
<td>11590D</td>
<td>Development Software for BRAT® Option B590</td>
</tr>
<tr>
<td>11590/100D</td>
<td>Development Software for BRAT® Option B590-100</td>
</tr>
<tr>
<td>11590/200D</td>
<td>Development Software for BRAT® Option B590-200</td>
</tr>
<tr>
<td>11535</td>
<td>Development Software for BRAT® Option 535</td>
</tr>
<tr>
<td>10HCATS</td>
<td>Development Software for HCATS, including computer</td>
</tr>
<tr>
<td>11HCATS</td>
<td>Development Software for HCATS</td>
</tr>
</tbody>
</table>

## Site Licenses

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30000</td>
<td>Site license for 20-user development system software, including all drivers for the BRAT® B303C and BRAT® B305B, including computers</td>
</tr>
<tr>
<td>31000</td>
<td>Site license for 20-user development system software, including all drivers for the BRAT® B303C and BRAT® B305B</td>
</tr>
</tbody>
</table>

## Other Software

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14100</td>
<td>Operating System Boot Disk, Windows™ 3.1</td>
</tr>
<tr>
<td>14101</td>
<td>Operating System Boot Disk, Windows™ 95</td>
</tr>
<tr>
<td>40001</td>
<td>Virtual Spectrum Analyzer Software Utility</td>
</tr>
<tr>
<td></td>
<td>- Windows™-based spectral analysis utility program</td>
</tr>
<tr>
<td></td>
<td>- Flexible graphical interface - controllable via TestBasic</td>
</tr>
<tr>
<td></td>
<td>- High-performance mathematical library</td>
</tr>
<tr>
<td></td>
<td>- Multiple plotting modes including histograms, FFT, power spectrum, and correlation modes</td>
</tr>
<tr>
<td></td>
<td>- Multiple measurement modes including RMS voltage, frequency, and peak detection/ranking</td>
</tr>
<tr>
<td></td>
<td>- Ability to operate on 3 simultaneous signals in a 2 dimensional matrix</td>
</tr>
<tr>
<td>40002</td>
<td>TCASE® Analog Simulator</td>
</tr>
<tr>
<td>40005</td>
<td>Video Redisplay Tool</td>
</tr>
<tr>
<td>95000034-01</td>
<td>LASAR Post Processor, D20</td>
</tr>
<tr>
<td>95000034-03</td>
<td>LASAR Post Processor, BRAT® Option B504</td>
</tr>
<tr>
<td>95000034-05</td>
<td>LASAR Post Processor, BRAT® Option B504/500</td>
</tr>
<tr>
<td>95000034-07</td>
<td>LASAR Post Processor, HCATS</td>
</tr>
<tr>
<td>95000618-01</td>
<td>LASAR Post Processor, Fault Dictionary, and Guided Probe, D20</td>
</tr>
<tr>
<td>95000618-03</td>
<td>LASAR Post Processor, Fault Dictionary, and Guided Probe, BRAT® Option B504</td>
</tr>
<tr>
<td>95000037-01</td>
<td>Fault Dictionary, D20</td>
</tr>
<tr>
<td>95000037-03</td>
<td>Fault Dictionary, BRAT® Option B504</td>
</tr>
<tr>
<td>95000037-05</td>
<td>Fault Dictionary, BRAT® Option B504/500</td>
</tr>
<tr>
<td>95000037-07</td>
<td>Fault Dictionary, HCATS</td>
</tr>
<tr>
<td>95000341-01</td>
<td>Guided Probe, D20</td>
</tr>
<tr>
<td>95000341-03</td>
<td>Guided Probe, BRAT® Option B504</td>
</tr>
<tr>
<td>95000341-05</td>
<td>Guided Probe, BRAT® Option B504/500</td>
</tr>
<tr>
<td>95000341-07</td>
<td>Guided Probe, HCATS</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Other Software

95000672 On-Board Avionic System Analyzer-Troubleshooter Executive
The On-Board Avionic System Analyzer-Troubleshooter Executive software can continually monitor bus traffic, capture data, and provide protocol/message status. The Executive displays the data collected in a user-friendly, context sensitive format. Data can be viewed immediately or stored and analyzed later. A powerful troubleshooting aid for maintainers, the tool provides insight into areas normally not covered in typical operational checkout procedures. For example, 1553B bus transactions and the interactions among Integrated Avionic Systems.
- The software runs under Windows™ 95/98/Me or Windows™ NT/2000 on any PC that supports these operating systems and is Windows™ Plug and Play compliant
- The software can support multiple BUS architectures such as 1553B and various ARINC and serial protocols
- Passive analyzer displays BUS errors
- The software provides multiple hardware vendor support such as Ballard and Excalibur
- Multiple Windows™ OS APIs allow easy expandability for other hardware vendors and their BUS products
- Multiple Windows™ OS APIs allow additional customization of captured data. Refer to Data Word Formatting

Advanced users can use the troubleshooting and diagnostic capability to help maintain integrated avionics systems, subsystems, and sensors.

Data Word Formatting
Data Word Formatting translates and groups encoded binary data from each unique data word into plain text, graphic images, or combinations of the two based on user requirements. Where applicable, upper and lower limit values can be set for comparison. The On Board Avionic System Analyzer-Troubleshooter Executive uses the Data Word Formatting packets activated by the user when they are found in the monitored data stream. The Data Word Formatting packets are designed and grouped based on system (avionic) functional Area, LRU, or mode. They are reviewed and approved by the user. Multiple unique words can be simultaneously monitored and continually updated.

Instrument Drivers

92004 RFIU JTIDS Instrument Driver
92005 RFIU Option 512 Instrument Driver
20000 Single-Phase AC Power Supply Instrument Driver
20001 Three-Phase AC Power Supply Instrument Driver
20002 DC Power Supply Instrument Driver
20003 QUAD 8-Bit Latch Instrument Driver
20004 6½ Digit Digital Multimeter Instrument Driver
20005 Universal Counter Instrument Driver
20006 Digitizing Oscilloscope Instrument Driver
20007 Arbitrary Function Generator Instrument Driver
20008 Function Sweep Generator Instrument Driver
20009 Dynamic Digital Test System Instrument Driver
20010 Synchro/Resolver Instrument Driver
20011 Form C Switch Instrument Driver
20019 50 MHz Dynamic Digital Test System Instrument Driver
20013 Microwave Signal Generator Instrument Driver
20014 Power Sensor Instrument Driver
20020 MXI Digital Multimeter Instrument Driver
20021 High Power DC Power Supply Instrument Driver
20022 5 MB Word Instrument Driver for Option 500
20023 MXI PDTG Instrument Driver for Option 500
20024 Microwave Network Analyzer Instrument Driver
20025 Programmable Electronic Load Instrument Driver
20026 MIL-STD-1553 Instrument Driver
20027 Auxiliary RF Signal Processor Instrument Driver
20028 Variable Gain Amplifier Instrument Driver
20029 Relay Matrix Switch Instrument Driver
20030 Cable Tester Instrument Driver
20031 Pneumatic Terminal Instrument Driver
20032 DC Power 600 V, 1.5 A Instrument Driver
20033 Matrix Switch Instrument Driver
20034 Form C Switch, 5 A Instrument Driver
20035 Digital Rail Generator Instrument Driver
20036 Digital Discrete Module Instrument Driver
20037 Discrete Latch Instrument Driver
20038 Programmable Resistor Instrument Driver
20039 Phase Angle Voltmeter Instrument Driver
20040 Synchro Resolver Instrument Driver
20041 Power DAC Instrument Driver
20042 Arbitrary Waveform Generator Instrument Driver
20043 Dual-Pulse, Arbitrary Generator Instrument Driver
20044 Power Amplifier Instrument Driver
20045 Digital Stimulus/Response Instrument Driver
20046 50 MHz Timing/Control Instrument Driver
20047 Smart Serial Communication (5539) Instrument Driver
20048 VXI Programmable Video Generator and Analyzer Instrument Driver
20050 Peak Power Meter Instrument Driver
20051 Frequency Synthesizer Instrument Driver
20052 Power Amplifier Instrument Driver
20060 Phase Noise Measurement System Instrument Driver
20061 Phase Noise Measurement System Reference Source Instrument Driver
20062 5 MHz Timing/Control Instrument Driver
20063 Dual-Channel Peak Power Meter Instrument Driver
20064 Power Amplifier Instrument Driver
20070 NAV/COM/WW Signal Generator Instrument Driver
20071 ATC/DME Signal Generator Instrument Driver
20072 Instrument Driver
20073 RC Half Quick Test System Instrument Driver
20074 Dual-Signal Satellite Simulator Instrument Driver

Software Subject to License Agreement (Refer to Appendix A)
## Products - Runtime Software

Software Subject to License Agreement (Refer to Appendix A)

### Runtime Environment
- 00001RT TCASE® Runtime System
- 00002RT TestExec
- 00003RT TBASIC®
- 00004RT PROLIN - Program Language Translator Case Tool

### Runtime Software

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11067RT</td>
<td>Runtime Software for BRAT® 67</td>
</tr>
<tr>
<td>11067/100RT</td>
<td>Runtime Software for BRAT® 67 Option 100</td>
</tr>
<tr>
<td>11070RT</td>
<td>Runtime Software for BRAT® 70</td>
</tr>
<tr>
<td>11101RT</td>
<td>Runtime Software for BRAT® B101</td>
</tr>
<tr>
<td>11101/MRT</td>
<td>Runtime Software for BRAT® Option B201M</td>
</tr>
<tr>
<td>11103RT</td>
<td>Runtime Software for BRAT® B103</td>
</tr>
<tr>
<td>11105RT</td>
<td>Runtime Software for BRAT® B105</td>
</tr>
<tr>
<td>11303RT</td>
<td>Runtime Software for BRAT® B303C</td>
</tr>
<tr>
<td>11305RT</td>
<td>Runtime Software for BRAT® B305B</td>
</tr>
<tr>
<td>11305/BRT</td>
<td>Runtime Software for BRAT® 305BJ - JTIDS</td>
</tr>
<tr>
<td>11306RT</td>
<td>Runtime Software for BRAT® B306</td>
</tr>
<tr>
<td>11504RT</td>
<td>Runtime Software for BRAT® Option B504</td>
</tr>
<tr>
<td>11504/100RT</td>
<td>Runtime Software for BRAT® Option B504 Option 100</td>
</tr>
<tr>
<td>11504/500RT</td>
<td>Runtime Software for BRAT® Option B504 Option 500</td>
</tr>
<tr>
<td>11507RT</td>
<td>Runtime Software for BRAT® Option B507</td>
</tr>
<tr>
<td>11519RT</td>
<td>Runtime Software for BRAT® Option B519</td>
</tr>
<tr>
<td>11520RTN</td>
<td>Runtime Software for BRAT® Option B520-100</td>
</tr>
<tr>
<td>11520/200RT</td>
<td>Runtime Software for BRAT® Option B520-200</td>
</tr>
<tr>
<td>13000RT</td>
<td>Runtime Software for RFIU Calibrator</td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
</tr>
<tr>
<td>95000034-01RT</td>
<td>Runtime Software for LASAR Post Processor, D20</td>
</tr>
<tr>
<td>95000034-03RT</td>
<td>Runtime Software for LASAR Post Processor,</td>
</tr>
<tr>
<td></td>
<td>BRAT® Option B504</td>
</tr>
<tr>
<td>95000034-05RT</td>
<td>Runtime Software for LASAR Post Processor,</td>
</tr>
<tr>
<td></td>
<td>BRAT® Option B504/500</td>
</tr>
<tr>
<td>95000034-07RT</td>
<td>Runtime Software for LASAR Post Processor, HCATS</td>
</tr>
<tr>
<td>95000037-01RT</td>
<td>Runtime Software for Fault Dictionary, D20</td>
</tr>
<tr>
<td>95000037-03RT</td>
<td>Runtime Software for Fault Dictionary,</td>
</tr>
<tr>
<td></td>
<td>BRAT® Option B504</td>
</tr>
<tr>
<td>95000037-05RT</td>
<td>Runtime Software for Fault Dictionary,</td>
</tr>
<tr>
<td></td>
<td>BRAT® Option B504/500</td>
</tr>
<tr>
<td>95000037-07RT</td>
<td>Runtime Software for Fault Dictionary, HCATS</td>
</tr>
<tr>
<td>9500341-01RT</td>
<td>Runtime Software for Guided Probe, D20</td>
</tr>
<tr>
<td>9500341-03RT</td>
<td>Runtime Software for Guided Probe,</td>
</tr>
<tr>
<td></td>
<td>BRAT® Option B504</td>
</tr>
<tr>
<td>9500341-05RT</td>
<td>Runtime Software for Guided Probe,</td>
</tr>
<tr>
<td></td>
<td>BRAT® Option B504/500</td>
</tr>
<tr>
<td>9500341-07RT</td>
<td>Runtime Software for Guided Probe,</td>
</tr>
<tr>
<td></td>
<td>HCATS</td>
</tr>
</tbody>
</table>

### Instrument Panels
- 23000RT Single-Phase AC Power Supply Instrument Panel
- 23001RT Three-Phase AC Power Supply Instrument Panel
- 23002RT DC Power Supply Instrument Panel
- 23003RT QUAD 8-Bit Latch Instrument Panel
- 23004RT 6½-Digit Digital Multimeter Instrument Panel
- 23005RT Universal Counter Instrument Panel
- 23006RT Digitizing Oscilloscope Instrument Panel
- 23007RT Arbitrary Function Generator Instrument Panel
- 23008RT Function Sweep Generator Instrument Panel
- 23009RT Digital Test Development Tool Instrument Panel
- 23010RT Synchro/Resolver Instrument Panel
- 23011RT Virtual Panel for Terminal Mode Instrument Panel
- 23012RT Stimulus MUX IAU 1 Instrument Panel
- 23013RT VXI Variable Gain Amplifier Instrument Panel
- 23014RT Pneumatic Instrument Panel
- 23015RT Form C Instrument Panel
- 23016RT 1553 VXI Instrument Panel
- 24001RT BRAT® RF Switches Instrument Panel
- 24003RT BRAT® VXI Switches Instrument Panel
- 24009RT 1 KW DC Power Supply Instrument Panel
- 24010RT DC Power Supply Electronic Load Instrument Panel
- 24011RT Digital Stimulus/Response Development Instrument Panel
- 34016RT RFIU Virtual Panels (Enhanced Phase Noise Measurement Module)

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
## Instrument Drivers

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15018RT</td>
<td>Precision Frequency Reference Instrument Driver (VME)</td>
</tr>
<tr>
<td>15019RT</td>
<td>Power Sensor Instrument Driver (VME)</td>
</tr>
<tr>
<td>15024RT</td>
<td>Microwave Network Analyzer Instrument Driver (VME)</td>
</tr>
<tr>
<td>15027RT</td>
<td>Auxiliary RF Signal Processor/Matrix Instrument Driver (VME)</td>
</tr>
<tr>
<td>21003RT</td>
<td>BRAT® VXI Common Instrument Driver</td>
</tr>
<tr>
<td>21004RT</td>
<td>BRAT® High Speed Digital MXI Common Instrument Driver</td>
</tr>
<tr>
<td>21005RT</td>
<td>BRAT® High Power Supply Common Instrument Driver</td>
</tr>
<tr>
<td>21006RT</td>
<td>Option 500 DSP Common Instrument Driver</td>
</tr>
<tr>
<td>22000RT</td>
<td>BRAT® RF Rack Common Instrument Driver</td>
</tr>
<tr>
<td>22001RT</td>
<td>RFIU #2 Instrument Driver (RF Output, RF Converter, RF Measurement)</td>
</tr>
<tr>
<td>22002RT</td>
<td>RFIU #3 Instrument Driver (RF Output, RF Measurement, RF Converter, RF Phase Noise)</td>
</tr>
<tr>
<td>22004RT</td>
<td>RFIU JTIDS Instrument Driver</td>
</tr>
<tr>
<td>22005RT</td>
<td>RFIU Option 512 Instrument Driver</td>
</tr>
<tr>
<td>20000RT</td>
<td>Single-Phase AC Power Supply Instrument Driver</td>
</tr>
<tr>
<td>20001RT</td>
<td>Three-Phase AC Power Supply Instrument Driver</td>
</tr>
<tr>
<td>20002RT</td>
<td>DC Power Supply Instrument Driver</td>
</tr>
<tr>
<td>20003RT</td>
<td>QUAD 8-Bit Latch Instrument Driver</td>
</tr>
<tr>
<td>20004RT</td>
<td>6½-Digit Digital Multimeter Instrument Driver</td>
</tr>
<tr>
<td>20005RT</td>
<td>Universal Counter Instrument Driver</td>
</tr>
<tr>
<td>20006RT</td>
<td>Digitizing Oscilloscope Instrument Driver</td>
</tr>
<tr>
<td>20007RT</td>
<td>Arbitrary Function Generator Instrument Driver</td>
</tr>
<tr>
<td>20008RT</td>
<td>Function Sweep Generator Instrument Driver</td>
</tr>
<tr>
<td>20009RT</td>
<td>Dynamic Digital Test System Instrument Driver</td>
</tr>
<tr>
<td>20010RT</td>
<td>Synchro/Resolver Instrument Driver</td>
</tr>
<tr>
<td>20011RT</td>
<td>Form C Switch Instrument Driver</td>
</tr>
<tr>
<td>20012RT</td>
<td>50 MHz Dynamic Digital Test System Instrument Driver</td>
</tr>
<tr>
<td>20013RT</td>
<td>Microwave Signal Generator Instrument Driver</td>
</tr>
<tr>
<td>20014RT</td>
<td>Power Sensor Instrument Driver</td>
</tr>
<tr>
<td>20020RT</td>
<td>MXI Digital Multimeter Instrument Driver</td>
</tr>
<tr>
<td>20021RT</td>
<td>High Power DC Power Supply Instrument Driver</td>
</tr>
<tr>
<td>20022RT</td>
<td>5 MB Word Instrument Driver for Option 500</td>
</tr>
<tr>
<td>20023RT</td>
<td>MXI PDTG Instrument Driver for Option 500</td>
</tr>
<tr>
<td>20024RT</td>
<td>Microwave Network Analyzer Instrument Driver</td>
</tr>
<tr>
<td>20025RT</td>
<td>Programmable Electronic Load Instrument Driver</td>
</tr>
<tr>
<td>20026RT</td>
<td>MIL-STD-1553 Instrument Driver</td>
</tr>
<tr>
<td>20027RT</td>
<td>Auxiliary RF Signal Processor Instrument Driver</td>
</tr>
<tr>
<td>20028RT</td>
<td>Variable Gain Amplifier Instrument Driver</td>
</tr>
<tr>
<td>20029RT</td>
<td>Relay Matrix Switch Instrument Driver</td>
</tr>
<tr>
<td>20030RT</td>
<td>Cable Tester Instrument Driver</td>
</tr>
<tr>
<td>20031RT</td>
<td>Pneumatic Terminal Instrument Driver</td>
</tr>
<tr>
<td>20032RT</td>
<td>DC Power 600 V, 1.5 A Instrument Driver</td>
</tr>
<tr>
<td>20033RT</td>
<td>Matrix Switch Instrument Driver</td>
</tr>
<tr>
<td>20034RT</td>
<td>Form C Switch, 5 A Instrument Driver</td>
</tr>
<tr>
<td>20035RT</td>
<td>Digital Rail Generator Instrument Driver</td>
</tr>
<tr>
<td>20036RT</td>
<td>Digital Discrete Module Instrument Driver</td>
</tr>
<tr>
<td>20037RT</td>
<td>Discrete Latch Instrument Driver</td>
</tr>
<tr>
<td>20038RT</td>
<td>Programmable Resistor Instrument Driver</td>
</tr>
<tr>
<td>20039RT</td>
<td>Phase Angle Voltmeter Instrument Driver</td>
</tr>
<tr>
<td>20040RT</td>
<td>Synchro Resolver Instrument Driver</td>
</tr>
<tr>
<td>20041RT</td>
<td>Power DAC Instrument Driver</td>
</tr>
<tr>
<td>20042RT</td>
<td>Arbitrary Waveform Generator Instrument Driver</td>
</tr>
<tr>
<td>20043RT</td>
<td>Dual-Pulse, Arbitrary Generator Instrument Driver</td>
</tr>
<tr>
<td>20044RT</td>
<td>Power Amplifier Instrument Driver</td>
</tr>
<tr>
<td>20045RT</td>
<td>Digital Stimulus/Response Instrument Driver</td>
</tr>
<tr>
<td>20046RT</td>
<td>50 MHz Timing/Control Instrument Driver</td>
</tr>
<tr>
<td>20047RT</td>
<td>Smart Serial Communication (5539) Instrument Driver</td>
</tr>
<tr>
<td>20048RT</td>
<td>VXI Programmable Video Generator and Analyzer Instrument Driver</td>
</tr>
<tr>
<td>20050RT</td>
<td>Peak Power Meter Instrument Driver</td>
</tr>
<tr>
<td>20051RT</td>
<td>Frequency Synthesizer Instrument Driver</td>
</tr>
<tr>
<td>20052RT</td>
<td>Power Amplifier Instrument Driver</td>
</tr>
<tr>
<td>20060RT</td>
<td>Phase Noise Measurement System Instrument Driver</td>
</tr>
<tr>
<td>20061RT</td>
<td>Phase Noise Measurement System Reference Source Instrument Driver</td>
</tr>
<tr>
<td>20062RT</td>
<td>Dual-Channel Peak Power Meter Instrument Driver</td>
</tr>
<tr>
<td>20063RT</td>
<td>Frequency Counter Instrument Driver</td>
</tr>
<tr>
<td>20064RT</td>
<td>Dual Three-Phase AC Power Supply Instrument Driver</td>
</tr>
<tr>
<td>20070RT</td>
<td>NAV/COMM Signal Generator Instrument Driver</td>
</tr>
<tr>
<td>20071RT</td>
<td>ATC/DME Signal Generator Instrument Driver</td>
</tr>
<tr>
<td>20072RT</td>
<td>RC Test System Instrument Driver</td>
</tr>
<tr>
<td>20073RT</td>
<td>RC Half Quick Test System Instrument Driver</td>
</tr>
<tr>
<td>20074RT</td>
<td>Dual-Signal Satellite Simulator Instrument Driver</td>
</tr>
</tbody>
</table>
**Products - System Software Utilities**

Software Subject to License Agreement (Refer to Appendix A)

This group consists of six levels of development ranging from Complexity 0 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: Software Utilities - Complexity 3.0 to 3.9

---

**Products - Calibration and Alignment Adjustment Routines**

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA92103572-01</td>
<td>DC Power Supply #1 Calibration and Alignment</td>
</tr>
<tr>
<td>CA92103572-05</td>
<td>DC Power Supply #2 Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000077-01</td>
<td>6½-Digit Digital Multimeter Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000078-01</td>
<td>High-Performance Universal Counter Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000080-01</td>
<td>Arbitrary Function Generator Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000081-01</td>
<td>21 MHz Synthesized Function/Sweep Generator Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000152-01</td>
<td>IF Section (100 KHz to 3 MHz) Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000156-03(SYN1)</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000156-03(SYN2)</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000173-01</td>
<td>IF Section (10 Hz to 300 KHz) Calibration and Alignment</td>
</tr>
<tr>
<td>CA93000284-01</td>
<td>Digitizing Oscilloscope Calibration and Alignment</td>
</tr>
<tr>
<td>CA94000603-10(303)</td>
<td>RF Measurement #1 for BRAT® 303C Calibration and Alignment</td>
</tr>
<tr>
<td>CA94000604-10</td>
<td>RF Converter Calibration and Alignment</td>
</tr>
<tr>
<td>CA94000605-10(303)</td>
<td>RF Output for BRAT® 303C Calibration and Alignment</td>
</tr>
<tr>
<td>CA94000605-10(305)</td>
<td>RF Output for BRAT® 305B/405B Calibration and Alignment</td>
</tr>
<tr>
<td>CA94000683-01</td>
<td>Frequency Extension Module Calibration and Alignment</td>
</tr>
<tr>
<td>CA94000655-01</td>
<td>Microwave Signal Generator Calibration and Alignment</td>
</tr>
<tr>
<td>CA94100554-10</td>
<td>Phase Balance Module Calibration and Alignment</td>
</tr>
<tr>
<td>CA94100604-01</td>
<td>Frequency Counter Calibration and Alignment</td>
</tr>
<tr>
<td>CA95000018-03</td>
<td>Microwave Network Analyzer Calibration and Alignment</td>
</tr>
<tr>
<td>CA95000049-01</td>
<td>Synchro/Resolver Simulator and Indicator Calibration and Alignment</td>
</tr>
<tr>
<td>CA96740017-05</td>
<td>Peak Power Meter Calibration and Alignment</td>
</tr>
<tr>
<td>CA96740017-07</td>
<td>Dual-Channel Peak Power Meter Calibration and Alignment</td>
</tr>
<tr>
<td>CA96740021-01</td>
<td>Frequency Synthesizer Calibration and Alignment</td>
</tr>
<tr>
<td>CA96740045-10</td>
<td>L-Band Signal Conditioning Module Calibration and Alignment</td>
</tr>
<tr>
<td>CA96740103-10</td>
<td>CPSM Modulator/Demodulator Module Calibration and Alignment</td>
</tr>
</tbody>
</table>

**Products - Calibration and Alignment Adjustment Routines - ITA**

Software Subject to License Agreement (Refer to Appendix A)

These groups consist of ten levels of development ranging from Complexity 1 to Complexity 10, with level 10 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: BRAT® 105/205 Software Alignment ITA - Complexity 4.0 to 4.9

BRAT® 105/205 Software Alignment ITA
BRAT® 303/305/405 Software Alignment ITA

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
# Products - Calibration Software and ITA

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>305/307/RF305BJ CAL SW-ITA</td>
<td>BRAT® 305/307 and RF305BJ Calibration Software and ITA</td>
</tr>
<tr>
<td>305/307/RF305BJ CAL SW-ITA-S</td>
<td>BRAT® 305/307 and RF305BJ Calibration Software and ITA - Single User Only</td>
</tr>
</tbody>
</table>

# Products - Software Upgrades

Software Subject to License Agreement (Refer to Appendix A)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11109RF-U</td>
<td>VME RF, Version 2.0 (RF only)</td>
</tr>
<tr>
<td>11105RT-U</td>
<td>Runtime Software for BRAT® B105, Version 2.0</td>
</tr>
<tr>
<td>11306-U</td>
<td>Development Software for BRAT® B306, Version 2.0</td>
</tr>
<tr>
<td>19303CRT-U</td>
<td>Runtime Software for BRAT® B303C with Option 03/04/05, Version 2.0</td>
</tr>
<tr>
<td>19305BRT-U</td>
<td>Runtime Software for BRAT® B305B with Option 03/04/05, Version 2.0</td>
</tr>
<tr>
<td>12306-U</td>
<td>Development Software for BRAT® B306 with Option 03/04/05, Version 2.0</td>
</tr>
<tr>
<td>31000-U</td>
<td>Site license for 90-user development system software, including all drivers for the BRAT® B303C and BRAT® B305B, Version 2.0</td>
</tr>
<tr>
<td>3105M-1</td>
<td>BRAT® Software Development Maintenance for BRAT® 307</td>
</tr>
<tr>
<td>3105M-2</td>
<td>BRAT® Software Development Maintenance for BRAT® RF307BJ</td>
</tr>
<tr>
<td>3105PD-0</td>
<td>BRAT® RT System Software Distribution (Basic) (Single User)</td>
</tr>
<tr>
<td>3105PD-1</td>
<td>BRAT® RT System Software Distribution (Minor) (Single User)</td>
</tr>
<tr>
<td>3105PD-2</td>
<td>BRAT® RT System Software Distribution (Medium) (Single User)</td>
</tr>
<tr>
<td>3105PD-3</td>
<td>BRAT® RT System Software Distribution (Major) (Single User)</td>
</tr>
<tr>
<td>3105SU-1</td>
<td>BRAT® Controller OS Upgrade (Minor)</td>
</tr>
<tr>
<td>3105SU-2</td>
<td>BRAT® Controller OS Upgrade (Medium)</td>
</tr>
<tr>
<td>3105SU-3</td>
<td>BRAT® Controller OS Upgrade (Major)</td>
</tr>
<tr>
<td>3105SU-4</td>
<td>Modification to the Software Upgrade (Medium or Major)</td>
</tr>
</tbody>
</table>

- Software upgrade to accommodate Windows™ OS migration such as Win3x through Win9x. TCASE® software upgrade will include operating system and all necessary TBASIC® changes needed to accommodate operating system upgrade. Hardware control updates are not included. This upgrade includes site verification self test and 6-month warranty. Call to verify your system qualifies.

- Software upgrade to accommodate Windows™ OS migration such as Win9x through Win2000. Upgrade will include medium modifications to the BRAT® TCASE® software bundle and/or medium modifications to the control assembly (such as the IEEE card and the removable hard drive) as needed, and will incorporate all BRAT® 100 patches. This upgrade includes site verification self test and 6-month warranty. Call to verify your system qualifies.

- Software upgrade to accommodate Windows™ OS migration such as Win3x through WinXP. Upgrade will include upgrading the entire BRAT® TCASE® software bundle (such as 32 bit), and replacement of the control assembly (replacement to include the IEEE card and the removable hard drive), and will incorporate all BRAT® 100 patches. This upgrade includes site verification self test and 6-month warranty. Call to verify your system qualifies.

- Software upgrade to accommodate Windows™ OS migration to incorporate .NET framework support. Upgrade will include modifications to the Windows™ OS installation. This upgrade does not include site verification self test and 6-month warranty. This is an additional option to be acquired in conjunction with a Medium or Major OS upgrade (see above). Call to verify your system qualifies.

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The modified BRAT® Test Program will replace noncompliant code with compliant code. This does not include travel or travel related per diem, site verification test or installation, or program management coordination. Call to establish your TPS category.

610TPSUG  TPS Noncompliant Conversion (SRU Minor)
620TPSUG  TPS Noncompliant Conversion (SRU Medium)
630TPSUG  TPS Noncompliant Conversion (SRU Major)
640TPSUG  TPS Noncompliant Conversion (LRU Minor)
650TPSUG  TPS Noncompliant Conversion (LRU Medium)
660TPSUG  TPS Noncompliant Conversion (LRU Major)

3105SU-5  BRAT® Software Development System Upgrade
(Minor) (Site License)
- Software upgrade to accommodate Windows™ OS migration, single generation. Upgrade will include changes necessary to operate under new operating system. Typically ARI and registry related.

3105SU-6  BRAT® Software Development System Upgrade
(Minor) (Single User)
- Software upgrade to accommodate Windows™ OS migration, single generation. Upgrade will include changes necessary to operate under new operating system. Typically ARI and registry related.

3105SU-7  BRAT® Software Development System Upgrade
(Medium) (Site License)
- Software upgrade to accommodate Windows™ OS change. Includes TCASE® software and documentation updates as well as ARI registry corrections.

3105SU-8  BRAT® Software Development System Upgrade
(Medium) (Single User)
- Software upgrade to accommodate Windows™ OS change. Includes TCASE® software and documentation updates as well as ARI registry corrections.

3105SU-9  BRAT® Software Development System Upgrade
(Major) (Site License)
- Software upgrade to accommodate Windows™ OS change. Includes TCASE® software and documentation updates as well as ARI registry corrections for CPU Processor Upgrade (i.e., 16 to 32 bit).

3105SU-10 BRAT® Software Development System Upgrade
(Major) (Single User)
- Software upgrade to accommodate Windows™ OS change. Includes TCASE® software and documentation updates as well as ARI registry corrections for CPU Processor Upgrade (i.e., 16 to 32 bit).

Products - Software Upgrades
Software Subject to License Agreement (Refer to Appendix A)

Option 10
- 40001RT  Runtime Software for Virtual Spectrum Analyzer

Option 11
- 95000037-01RT  Runtime Software for Fault Dictionary, D90
- 95000341-01RT  Runtime Software for Guided Probe, D90

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
<table>
<thead>
<tr>
<th>Service Description</th>
<th>Code</th>
<th>Calibration Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programmable DC Electronic Load Calibration Services</td>
<td>CS94000606-70</td>
<td>RF Controller (JSTARS) Calibration Services</td>
</tr>
<tr>
<td>(part of JTIDS Tester)</td>
<td></td>
<td>Frequency Extension Module Calibration Services</td>
</tr>
<tr>
<td></td>
<td>CS94000833-01</td>
<td>Microwave Signal Generator Calibration Services</td>
</tr>
<tr>
<td></td>
<td>CS94000855-01</td>
<td>DC Power Supply Frame Calibration Services</td>
</tr>
<tr>
<td></td>
<td>CS94000887-01</td>
<td>0 to 7 V Module for DC Power Supply Calibration Services</td>
</tr>
<tr>
<td></td>
<td>CS94000888-01</td>
<td>0 to 30 V Module for DC Power Supply Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 to 39 V Module for DC Power Supply Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 to 350 V Module for DC Power Supply Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Precision Frequency Reference with Internal Amplifier Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 MHz Attenuator Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Phase Balance Module Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Frequency Counter Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Timing Generator Module Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Phase Noise Measurement System Reference Source Unit Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Phase Noise Measurement System Reference Source Unit with Option 02 Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Microwave Network Analyzer Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 to 160 V Module for DC Power Supply Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Programmable Electronic Load Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Programmable Load Power Supply Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peak Power Meter Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peak Power Meter Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peak Power Meter Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dual-Channel Peak Power Meter Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Frequency Synthesizer Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>L-Band Signal Conditioning Module Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference Generator Module Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CPSM Modulator/Demodulator Module Calibration Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSRF Rack</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RF Rack Modules Calibration Services</td>
</tr>
</tbody>
</table>
Products - Calibration Services

Calibration Services - Systems (Verification/Validation Only)
Includes Calibration, Calibration Services, Receiving, Inspection, Testing, QA, and Shipping

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS105 ON</td>
<td>BRAT® 105 Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS105 OFF</td>
<td>BRAT® 105 Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS105-C5 ON</td>
<td>BRAT® 105 (C-5) Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS105-C5 OFF</td>
<td>BRAT® 105 (C-5) Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS205 ON</td>
<td>BRAT® 205 Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS205 OFF</td>
<td>BRAT® 205 Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS303RF ON</td>
<td>BRAT® 303RF (RF Rack only) Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS303RF OFF</td>
<td>BRAT® 303RF (RF Rack only) Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS305 ON</td>
<td>BRAT® 305 Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS305 OFF</td>
<td>BRAT® 305 Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS305BJ ON</td>
<td>BRAT® 305BJ - JTIDS Calibration Services (Requires P/N CS09000259-01) - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS305BJ OFF</td>
<td>BRAT® 305BJ - JTIDS Calibration Services (Requires P/N CS09000259-01) - Off Site</td>
</tr>
<tr>
<td>CSTOR132 OFF</td>
<td>Digital Torque Calibrator Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS405 ON</td>
<td>BRAT® 405 Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS405 OFF</td>
<td>BRAT® 405 Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS405J ON</td>
<td>BRAT® 405J - JTIDS Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS405J OFF</td>
<td>BRAT® 405J - JTIDS Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS504 ON</td>
<td>BRAT® Option 504 Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS504 OFF</td>
<td>BRAT® Option 504 Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS507 ON</td>
<td>BRAT® Option 507 Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS507 OFF</td>
<td>BRAT® Option 507 Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS511 ON</td>
<td>BRAT® Option 511 Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS511 OFF</td>
<td>BRAT® Option 511 Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS512 ON</td>
<td>BRAT® Option 512 Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS512 OFF</td>
<td>BRAT® Option 512 Calibration Services - Off Site</td>
</tr>
<tr>
<td>CS514A ON</td>
<td>BRAT® Option 514A Calibration Services - On Site (see Note 1)</td>
</tr>
<tr>
<td>CS514A OFF</td>
<td>BRAT® Option 514A Calibration Services - Off Site</td>
</tr>
</tbody>
</table>

Note 1 - Available at Tinker, Warner Robins, and Hill Air Force Bases

Products - Tester Decommissioning and Equipment Commissioning

TESTER DISMANTLING, EQUIPMENT EVALUATION, CERTIFICATION, INVENTORY, AND STORAGE

Includes BRAT® tester receiving and inspection, perform self-test, calibration, and instrument OEM certification testing, dismantle equipment, document working and nonworking equipment, catalog and inventory working equipment, generate repair authorization request for nonworking equipment, instrument retest and calibrate as necessary, issue Certificate of Conformance (C of C), coordinate disposition of unused bulk items, generate report - new GFE inventory, repair authorizations, and equipment disposition.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDEC BRAT105</td>
<td>BRAT® 105 Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
</tr>
<tr>
<td>TDEC BRAT305B</td>
<td>BRAT® 305B Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
</tr>
<tr>
<td>TDEC BRAT405B</td>
<td>BRAT® 405B Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
</tr>
<tr>
<td>TDEC RF305</td>
<td>BRAT® 305 RF Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
</tr>
<tr>
<td>TDEC RF405</td>
<td>BRAT® 405 RF Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - BRAT® Tester Repairs

Price excludes travel and does not include repair or replacement of defective electronic test instruments or replacement of cables

The BRAT® Tester Repairs consist of five levels ranging from Complexity 1 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: BRAT® Tester Repair - Complexity 3.0 to 3.9

Products - Cable Repairs

Includes Interface Outside Cables, Self Test and System Cables

This group consists of eight levels ranging from Complexity 0 to Complexity 7, with level 7 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: Cable Repairs - Complexity 5.0 to 5.9 (special conditions apply)
## Products - Repair Services

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS09300500-01</td>
<td>Controller Repair Services</td>
</tr>
<tr>
<td>RS09300508-01</td>
<td>Combination HUD Fixture/Alignment Tool Repair Services</td>
</tr>
<tr>
<td>RS09300509-01</td>
<td>Light Shroud Repair Services</td>
</tr>
<tr>
<td>RS09300510-01</td>
<td>Bore Sight Bench Repair Services</td>
</tr>
<tr>
<td>RS09300520-01</td>
<td>Transport/Camera Assembly Repair Services</td>
</tr>
<tr>
<td>RS09300530-01</td>
<td>C-Size VXI Mainframe - 4 - Slots Repair Services</td>
</tr>
<tr>
<td>RS92103572-01</td>
<td>DC Power Supply #1 Repair Services</td>
</tr>
<tr>
<td>RS92103573-01</td>
<td>DC Power Supply #2 Repair Services</td>
</tr>
<tr>
<td>RS92103574-01</td>
<td>Single-Phase AC Programmable Power Supply Repair Services</td>
</tr>
<tr>
<td>RS92103575-01</td>
<td>Pattern Pod Repair Services</td>
</tr>
<tr>
<td>RS92103576-01</td>
<td>C-Size Mainframe with Command Module Repair Services</td>
</tr>
<tr>
<td>RS92103577-01</td>
<td>6½-Digit High-Accuracy Multimeter Repair Services</td>
</tr>
<tr>
<td>RS92103578-01</td>
<td>ARB-24 Power Meter Repair Services</td>
</tr>
<tr>
<td>RS92103579-01</td>
<td>64-Channel Relay Multiplexer Repair Services</td>
</tr>
<tr>
<td>RS92103580-01</td>
<td>Relay Matrix Repair Services</td>
</tr>
<tr>
<td>RS92103581-01</td>
<td>RF Multiplexer Repair Services</td>
</tr>
<tr>
<td>RS92103582-01</td>
<td>6½-Digit Digital Multimeter Repair Services</td>
</tr>
<tr>
<td>RS92103583-01</td>
<td>High-Performance Universal Counter Repair Services</td>
</tr>
<tr>
<td>RS92103584-01</td>
<td>1-GSa/s Digitizing Oscilloscope Repair Services</td>
</tr>
<tr>
<td>RS92103585-01</td>
<td>1-½ Digit Synthesized Function/Sweep Generator Repair Services</td>
</tr>
<tr>
<td>RS92103586-01</td>
<td>111 MHz Synthesized Function/Sweep Generator Repair Services</td>
</tr>
<tr>
<td>RS92103587-01</td>
<td>Local Oscillator Repair Services</td>
</tr>
<tr>
<td>RS92103588-01</td>
<td>IF Section (100 kHz to 3 MHz) Repair Services</td>
</tr>
<tr>
<td>RS92103589-01</td>
<td>Graphics Display Repair Services</td>
</tr>
<tr>
<td>RS92103590-01</td>
<td>Power Meter Repair Services</td>
</tr>
<tr>
<td>RS92103591-01</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Repair Services</td>
</tr>
<tr>
<td>RS92103592-01</td>
<td>RF Section (100 Hz to 92 GHz) Repair Services</td>
</tr>
<tr>
<td>RS92103593-01</td>
<td>IF Section (10 Hz to 300 KHz) Repair Services</td>
</tr>
<tr>
<td>RS92103594-01</td>
<td>Preamplifier (26.5 GHz) Repair Services</td>
</tr>
<tr>
<td>RS92103595-01</td>
<td>Power Amplifier Repair Services</td>
</tr>
<tr>
<td>RS92103596-01</td>
<td>Microwave Radiation Detector Repair Services</td>
</tr>
<tr>
<td>RS92103597-01</td>
<td>RF Multiplexer Repair Services</td>
</tr>
<tr>
<td>RS92103598-01</td>
<td>32-Channel, 5 A, Form C Switch Repair Services</td>
</tr>
<tr>
<td>RS92103599-01</td>
<td>Three-Phase AC Programmable Power Supply Repair Services</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS93000550-50</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction Repair Services</td>
<td>RS95650701-03</td>
<td>Rack Mount Computer Assembly Repair Services</td>
</tr>
<tr>
<td>RS94000104-10</td>
<td>RF Interface Unit (RFIU) Mainframe Repair Services</td>
<td>RS95650701-05</td>
<td>Rack Mount Computer Assembly Repair Services</td>
</tr>
<tr>
<td>RS94000603-10</td>
<td>RF Measurement #1 Repair Services</td>
<td>RS95650701-30</td>
<td>Rack Mount Computer Assembly Repair Services</td>
</tr>
<tr>
<td>RS94000604-10</td>
<td>RF Converter Repair Services</td>
<td>RS95650701-50</td>
<td>Rack Mount Computer Assembly Repair Services</td>
</tr>
<tr>
<td>RS94000605-10</td>
<td>RF Output Repair Services</td>
<td>RS95650701-35</td>
<td>Rack Mount Oscilloscope Repair Services</td>
</tr>
<tr>
<td>RS94000606-10</td>
<td>RF Controller (BRAT® 305/405) Repair Services</td>
<td>RS95650701-30</td>
<td>Cable Tester Assembly Repair Services</td>
</tr>
<tr>
<td>RS94000606-30</td>
<td>RF Controller (BRAT® 303/403) Repair Services</td>
<td>RS95650701-10</td>
<td>Three-Phase Power Distribution System Repair Services</td>
</tr>
<tr>
<td>RS94000606-50</td>
<td>RF Controller (JTIDS) Repair Services</td>
<td>RS95650143-10</td>
<td>Single-Phase Power Distribution System Repair Services</td>
</tr>
<tr>
<td>RS94000606-70</td>
<td>RF Controller (JSTARS) Repair Services</td>
<td>RS96000001-01</td>
<td>50 MHz Digital Interface Timing Module Repair Services</td>
</tr>
<tr>
<td>RS94000833-01</td>
<td>Frequency Extension Module Repair Services</td>
<td>RS96000001-03</td>
<td>50 MHz Timing/Control Module Repair Services</td>
</tr>
<tr>
<td>RS94000855-01</td>
<td>Microwave Signal Generator Repair Services</td>
<td>RS96000001-01</td>
<td>50 MHz TTL/CMOS/ECL Pattern Module Repair Services</td>
</tr>
<tr>
<td>RS94000887-01</td>
<td>DC Power Supply Frame Repair Services</td>
<td>RS96000007-01</td>
<td>50 MHz Variable Level Pattern Module Repair Services</td>
</tr>
<tr>
<td>RS94100088-01</td>
<td>0 to 7 V Module for DC Power Supply Repair Services</td>
<td>RS96000019-01</td>
<td>32-Channel Differential ECL I/O Module Repair Services</td>
</tr>
<tr>
<td>RS94000889-01</td>
<td>0 to 20 V Module for DC Power Supply Repair Services</td>
<td>RS96000013-01</td>
<td>Timing Module Extension Card (Dual) Repair Services</td>
</tr>
<tr>
<td>RS94000890-01</td>
<td>0 to 32 V Module for DC Power Supply Repair Services</td>
<td>RS96000013-03</td>
<td>Timing Module Extension Card (Single) Repair Services</td>
</tr>
<tr>
<td>RS94000891-01</td>
<td>0 to 390 V Module for DC Power Supply Repair Services</td>
<td>RS96000014-01</td>
<td>High Power Mainframe - 6 Slots Repair Services</td>
</tr>
<tr>
<td>RS94000982-01</td>
<td>Precision Frequency Reference with Internal Amplifier Repair Services</td>
<td>RS96000014-03</td>
<td>High Power Mainframe - 13 Slots Repair Services</td>
</tr>
<tr>
<td>RS94100018-10</td>
<td>Modified Power Supply Repair Services</td>
<td>RS96000015-01</td>
<td>Current Sharing Power Supply Repair Services</td>
</tr>
<tr>
<td>RS94100500-70</td>
<td>Electronic Power Control Center - RF Rack Repair Services</td>
<td>RS96000015-03</td>
<td>AC Current Sharing Power Supply Repair Services</td>
</tr>
<tr>
<td>RS94100500-130</td>
<td>Electronic Power Control Center - Single Phase Repair Services</td>
<td>RS96000016-01</td>
<td>VXI-MXI-2 Kit Repair Services</td>
</tr>
<tr>
<td>RS94100554-10</td>
<td>Phase Balance Module Repair Services</td>
<td>RS96000017-01</td>
<td>VXI-MXI-2 Extender Repair Services</td>
</tr>
<tr>
<td>RS94100604-01</td>
<td>Frequency Counter Repair Services</td>
<td>RS96000017-03</td>
<td>Programmable Electronic Load Repair Services</td>
</tr>
<tr>
<td>RS94100671-10</td>
<td>Waveguide Pressurization Unit and Blower Assembly Repair Services</td>
<td>RS96000020-01</td>
<td>1 KW Programmable Power Supply Repair Services</td>
</tr>
<tr>
<td>RS94100750-01</td>
<td>Power Distribution Unit Repair Services</td>
<td>RS96000021-01</td>
<td>0 to 600 Vdc Power Supply Repair Services</td>
</tr>
<tr>
<td>RS94100751-01</td>
<td>Three-Phase Power Supply (Master) Repair Services</td>
<td>RS96000021-03</td>
<td>Programmable Load Power Supply Repair Services</td>
</tr>
<tr>
<td>RS94100752-01</td>
<td>Three-Phase Power Supply (Slave) Repair Services</td>
<td>RS96000021-05</td>
<td>Lamp Driver CCA Repair Services</td>
</tr>
<tr>
<td>RS94100766-10</td>
<td>Timing Generator Module Repair Services</td>
<td>RS96000021-07</td>
<td>Switching Regulator Enclosure Assembly Repair Services</td>
</tr>
<tr>
<td>RS94101013-10</td>
<td>Phase Noise Measurement System Reference</td>
<td>RS96000105-01</td>
<td>Cathode Monitor Control CCA Repair Services</td>
</tr>
<tr>
<td>RS94101013-50</td>
<td>Phase Noise Measurement System Reference</td>
<td>RS96648363-10</td>
<td>Cathode Monitor Relay Assembly Repair Services</td>
</tr>
<tr>
<td>RS94101130-01</td>
<td>Phase Noise Measurement System Reference</td>
<td>RS96648365-10</td>
<td>Video Selector CCA Repair Services</td>
</tr>
<tr>
<td>RS94101177-01</td>
<td>136-Channel Logic Analyzer Repair Services</td>
<td>RS96648400-10</td>
<td>Ground Deck Pulser CCA Repair Services</td>
</tr>
<tr>
<td>RS945001201-10</td>
<td>Logic Analyzer Case Assembly Repair Services</td>
<td>RS96648440-10</td>
<td>Clock Driver CCA Repair Services</td>
</tr>
<tr>
<td>RS95000018-03</td>
<td>Microwave Network Analyzer Repair Services</td>
<td>RS96648470-10</td>
<td>Protection and Control CCA Repair Services</td>
</tr>
<tr>
<td>RS95000019-03</td>
<td>MIL-STD-1553A/B Module Analyzer Repair Services</td>
<td>RS96648919-10</td>
<td>ITA Cable Set Repair Services</td>
</tr>
<tr>
<td>RS95000043-01</td>
<td>0 to 40 V Module for DC Power Supply Repair Services</td>
<td>RS96648990-10</td>
<td>Frame Harness Assembly Repair Services</td>
</tr>
<tr>
<td>RS95000045-01</td>
<td>0 to 160 V Module for DC Power Supply Repair Services</td>
<td>RS96740017-03</td>
<td>Peak Power Meter Repair Services</td>
</tr>
<tr>
<td>RS95000049-01</td>
<td>Synchro/Resolver Simulator and Indicator Repair Services</td>
<td>RS96740017-05</td>
<td>Peak Power Meter Repair Services</td>
</tr>
<tr>
<td>Part Number</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS96740017-07</td>
<td>Dual-Channel Peak Power Meter Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS96740019-01</td>
<td>Peak Power Sensor Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS96740019-03</td>
<td>Peak Power Sensor Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS96740021-01</td>
<td>Frequency Synthesizer Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS96740092-01/03</td>
<td>Power Amplifier Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS96740045-10</td>
<td>L-Band Signal Conditioning Module Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS96740070-10</td>
<td>CPSM Modulator/Demodulator Module Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9800100-30</td>
<td>Programmable Video Generator and Analyzer Module (A-10) Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS98715045-01</td>
<td>Blower Assembly Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-011-01</td>
<td>Pressure Gauge Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-011-02</td>
<td>Pressure Gauge Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-012-01</td>
<td>12 Vdc Power Supply Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-013-01</td>
<td>DC Motor Controller Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-013-03</td>
<td>DC Motor Controller Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-014-01</td>
<td>RV Operator Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-014-03</td>
<td>RV Operator Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-015-01</td>
<td>Pressure Gauge Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-015-02</td>
<td>Pressure Gauge Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-016-01</td>
<td>Pressure Transducer Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-016-02</td>
<td>Pressure Transducer Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-016-03</td>
<td>Pressure Transducer Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-016-04</td>
<td>Pressure Transducer Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-016-05</td>
<td>Pressure Transducer Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-020-11</td>
<td>DC Strain Conditioner Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-020-13</td>
<td>DCV Input Card Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-020-15</td>
<td>Frequency Input Card Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-020-19</td>
<td>Quad DC Strain Gauge Card Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-021-01</td>
<td>16-Channel Circuit Card Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-021-02</td>
<td>AC Output Relay Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-021-03</td>
<td>AC Input Relay Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-021-04</td>
<td>DC Output Relay Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-022-01</td>
<td>Surface Mount Temperature Transducer Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-023-01</td>
<td>Gas Filter Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-023-11</td>
<td>Replacement Filter Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-024-01</td>
<td>2-Way NO Shutoff Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-024-02</td>
<td>2-Way NC Shutoff Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-024-03</td>
<td>3-Way Shutoff Valve (Return Port 1) Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RS9668-111-024-04</td>
<td>3-Way Shutoff Valve (Return Port 2) Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-025-01</td>
<td>Gas Regulator Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-025-02</td>
<td>Gas Regulator Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-026-01</td>
<td>Air Regulator Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-026-02</td>
<td>Air Regulator Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-027-01</td>
<td>Metering Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-027-02</td>
<td>Metering Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-027-03</td>
<td>Metering Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-028-01</td>
<td>Flowmeter Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-028-02</td>
<td>Flowmeter Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-028-03</td>
<td>Flow Signal Conditioner Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-030-01</td>
<td>Check Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-030-02</td>
<td>Check Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-030-03</td>
<td>Check Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-030-04</td>
<td>Check Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-031-01</td>
<td>Temperature Probe Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-032-01</td>
<td>Manual Shutoff Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-033-11</td>
<td>Pushbutton Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-033-12</td>
<td>Illuminated Button Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-033-13</td>
<td>Lamp Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-036-01</td>
<td>24 Vdc Power Supply Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-037-01</td>
<td>45 Vdc Power Supply Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-039-01</td>
<td>Power Outlet Strip Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-041-01</td>
<td>Fuse (Qty. 8) Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-041-03</td>
<td>Fuse (Qty. 8) Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-043-01</td>
<td>Control Relay Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-053-01</td>
<td>Solenoid Valve Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-054-01</td>
<td>Filter Regulator Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-054-11</td>
<td>Filter Replacement Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-055-01</td>
<td>Hourmeter Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-057-01</td>
<td>Restrictor Orifice Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-057-02</td>
<td>Restrictor Orifice Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-057-03</td>
<td>Restrictor Orifice Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-057-04</td>
<td>Restrictor Orifice Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-058-01</td>
<td>Ullage Volume Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-060-01</td>
<td>Gauge Protector Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSL9668-111-061-01</td>
<td>Circuit Breaker Repair Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVV93000550-30</td>
<td>Three-Phase AC Programmable Power Supply Evaluation Services (final repair price to be determined)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
## Products - Repair and Calibration Services (Where Applicable)

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes Repairs and Calibrations, Repair and Calibration Services, Receiving, Inspection, Testing, QA, and Shipping</td>
<td>RCS930000550-50</td>
</tr>
<tr>
<td>RF Pulse Amplifier Repair/Cal Services</td>
<td>RCS930000136-01</td>
</tr>
<tr>
<td>Programmable DC Electronic Load Repair/Cal Services</td>
<td>RCS920000259-01</td>
</tr>
<tr>
<td>DC Power Supply #1 Repair/Cal Services</td>
<td>RCS92103572-01</td>
</tr>
<tr>
<td>DC Power Supply #2 Repair/Cal Services</td>
<td>RCS92103572-05</td>
</tr>
<tr>
<td>Single-Phase AC Programmable Power Supply Repair/Cal Services</td>
<td>RCS92103573-01</td>
</tr>
<tr>
<td>Pattern Pod Repair/Cal Services</td>
<td>RCS92103848-01</td>
</tr>
<tr>
<td>C-Size Mainframe with Command Module Repair/Cal Services</td>
<td>RCS92103849-01</td>
</tr>
<tr>
<td>160 MHz Timing I/O Module Repair/Cal Services</td>
<td>RCS92103850-01</td>
</tr>
<tr>
<td>20 MHz Pattern I/O Module Repair/Cal Services</td>
<td>RCS92103851-01</td>
</tr>
<tr>
<td>Terminating 20 MHz Pattern I/O Module Repair/Cal Services</td>
<td>RCS92103852-01</td>
</tr>
<tr>
<td>Synchro/Resolver Simulator and Indicator Repair/Cal Services</td>
<td>RCS92103855-01</td>
</tr>
<tr>
<td>Timing Pod Repair/Cal Services</td>
<td>RCS92103897-01</td>
</tr>
<tr>
<td>VXI Mainframe Command Module Repair/Cal Services</td>
<td>RCS92103986-01</td>
</tr>
<tr>
<td>Four Module Repair/Cal Services</td>
<td>RCS93000049-01</td>
</tr>
<tr>
<td>400 Hz Three-Phase Power Conditioner and Distribution Box Repair/Cal Services</td>
<td>RCS93000068-01</td>
</tr>
<tr>
<td>QUAQ 8-Bit Digital Input/Output Latch Repair/Cal Services</td>
<td>RCS93000069-01</td>
</tr>
<tr>
<td>A/B to C-Size Module Carrier Repair/Cal Services</td>
<td>RCS93000074-01</td>
</tr>
<tr>
<td>64-Channel Relay Multiplexer Repair/Cal Services</td>
<td>RCS93000075-01</td>
</tr>
<tr>
<td>Relay Matrix Repair/Cal Services</td>
<td>RCS93000076-01</td>
</tr>
<tr>
<td>RF Multiplexer Repair/Cal Services</td>
<td>RCS93000077-01</td>
</tr>
<tr>
<td>6½-Digit Digital Multimeter Repair/Cal Services</td>
<td>RCS93000078-01</td>
</tr>
<tr>
<td>High-Performance Universal Counter Repair/Cal Services</td>
<td>RCS93000079-01</td>
</tr>
<tr>
<td>1-GSa/s Digitizing Oscilloscope Repair/Cal Services</td>
<td>RCS93000080-01</td>
</tr>
<tr>
<td>Arbitrary Function Generator Repair/Cal Services</td>
<td>RCS93000081-01</td>
</tr>
<tr>
<td>2 MHz Synthesized Function/Sweep Generator Repair/Cal Services</td>
<td>RCS93000115-01</td>
</tr>
<tr>
<td>Local Oscillator Repair/Cal Services</td>
<td>RCS93000117-01</td>
</tr>
<tr>
<td>IF Section (100 KHz to 3 MHz) Repair/Cal Services</td>
<td>RCS93000153-01</td>
</tr>
<tr>
<td>Graphics Display Repair/Cal Services</td>
<td>RCS93000154-01</td>
</tr>
<tr>
<td>Digitizer Repair/Cal Services</td>
<td>RCS93000155-01</td>
</tr>
<tr>
<td>Power Meter Repair/Cal Services</td>
<td>RCS93000156-03</td>
</tr>
<tr>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Repair/Cal Services</td>
<td>RCS93000172-01</td>
</tr>
<tr>
<td>RF Section (100 Hz to 22 GHz) Repair/Cal Services</td>
<td>RCS93000173-01</td>
</tr>
<tr>
<td>IF Section (10 Hz to 300 KHz) Repair/Cal Services</td>
<td>RCS930000200-01</td>
</tr>
<tr>
<td>Preamplifier (26.5 GHz) Repair/Cal Services</td>
<td>RCS930000201-01</td>
</tr>
<tr>
<td>System Mainframe Repair/Cal Services</td>
<td>RCS930000284-01</td>
</tr>
<tr>
<td>Digitizing Oscilloscope Repair/Cal Services</td>
<td>RCS930000293-01</td>
</tr>
<tr>
<td>Power Sensor Repair/Cal Services</td>
<td>RCS930000293-03</td>
</tr>
<tr>
<td>Power Sensor Repair/Cal Services</td>
<td>RCS930000506-01</td>
</tr>
<tr>
<td>39-Channel, 5 A, Form C Switch Repair/Cal Services</td>
<td>RCS930000550-30</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - Repair and Calibration Services (Where Applicable)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCS96000014-01</td>
<td>High Power Mainframe - 6 Slots Repair/Cal Services</td>
<td>RCS96740017-01 Peak Power Meter Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96000014-03</td>
<td>High Power Mainframe - 13 Slots Repair/Cal Services</td>
<td>RCS96740017-03 Peak Power Meter Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96000015-01</td>
<td>Current Sharing Power Supply Repair/Cal Services</td>
<td>RCS96740019-01 Peak Power Sensor Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96000015-03</td>
<td>AC Current Sharing Power Supply Repair/Cal Services</td>
<td>RCS96740019-03 Peak Power Sensor Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96000016-01</td>
<td>VXI-MXI-2 Kit Repair/Cal Services</td>
<td>RCS96740021-01 Frequency Synthesizer Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96000017-01</td>
<td>VXI-MXI-2 Extender Repair/Cal Services</td>
<td>RCS96740021-03/03 Power Amplifier Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96000018-01</td>
<td>Programmable Electronic Load Repair/Cal Services</td>
<td>RCS96740045-10 L-Band Signal Conditioning Module Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96000019-01</td>
<td>Programmable Load Power Supply Repair/Cal Services</td>
<td>RCS96740045-10 Reference Generator Module Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96000020-01</td>
<td>Programmable Electronic Load Repair/Cal Services</td>
<td>RCS96740045-10 CPSM Modulator/Demodulator Module Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740017-01</td>
<td>Peak Power Meter Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740017-03</td>
<td>Peak Power Meter Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740019-01</td>
<td>Peak Power Sensor Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740019-03</td>
<td>Peak Power Sensor Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740021-01</td>
<td>Frequency Synthesizer Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740021-03</td>
<td>Power Amplifier Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740045-10</td>
<td>L-Band Signal Conditioning Module Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740045-10</td>
<td>Reference Generator Module Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740045-10</td>
<td>CPSM Modulator/Demodulator Module Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
<tr>
<td>RCS96740045-10</td>
<td>L-Band Signal Conditioning Module Repair/Cal Services</td>
<td>RCS96740045-10 Blower Assembly Repair/Cal Services</td>
</tr>
</tbody>
</table>

Products - BRAT® Tester Contractor Support

Terms and Conditions Apply (Refer to Appendix C, C-1, C-2, C-3)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRTES&amp;R-60-3MO</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 3 months)</td>
<td>BRTES&amp;R-12 FY12 BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 12 months)</td>
</tr>
<tr>
<td>BRTES&amp;R-90-3MO</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 90 Testers (for 3 months)</td>
<td>BRTES&amp;R-13 FY13 BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 12 months)</td>
</tr>
<tr>
<td>BRTES&amp;R-60-6MO</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 6 months)</td>
<td>BRTES&amp;R-RA-11 FY11 BRAT® Tester All Inclusive Support &amp; Repairs - 61 to 90 Testers (for 12 months)</td>
</tr>
<tr>
<td>BRTES&amp;R-90-6MO</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 90 Testers (for 6 months)</td>
<td>BRTES&amp;R-RA-12 FY19 BRAT® Tester All Inclusive Support &amp; Repairs - 61 to 90 Testers (for 12 months)</td>
</tr>
<tr>
<td>BRTES&amp;R-11</td>
<td>FY11 BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 12 months)</td>
<td>BRTES&amp;R-RA-13 FY13 BRAT® Tester All Inclusive Support &amp; Repairs - 61 to 90 Testers (for 12 months)</td>
</tr>
</tbody>
</table>
For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
**Products - Full Service Repair for Electrical, Mechanical, and Electronic Components**

**INSTRUMENTS, ELECTRICAL AND MECHANICAL ASSEMBLIES, FIXTURES, AND COMPONENTS**

This group consists of six levels ranging from Complexity 0 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: Electrical, Mechanical, and Electronic Components Full Service Repair - Complexity 3.0 to 3.9

---

**Products - Full Service Repair Services**

Terms and Conditions Apply (Refer to Appendix C)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSR02000136-01</td>
<td>RF Pulse Amplifier Full Service Repair Services</td>
<td>FSR92103987-01</td>
<td>VXI Mainframe Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000259-01</td>
<td>Programmable DC Electronic Load Full Service Repair Services</td>
<td>FSR93000042-01</td>
<td>400 Hz Three-Phase Power Conditioner and Distribution Box Full Service Repair Services</td>
</tr>
<tr>
<td>FSR09200108-01</td>
<td>Air Data Test Set Full Service Repair Services</td>
<td>FSR93000068-01</td>
<td>QUAD 8-Bit Digital Input/Output Latch Full Service Repair Services</td>
</tr>
<tr>
<td>FSR09200132-10</td>
<td>Vacuum Pump (Modified) Full Service Repair Services</td>
<td>FSR93000069-01</td>
<td>32-Amp C-Size Module Carrier Full Service Repair Services</td>
</tr>
<tr>
<td>FSR09200132-30</td>
<td>Vacuum Pump (Modified) Full Service Repair Services</td>
<td>FSR93000074-01</td>
<td>64-Channel Relay Multiplexer Full Service Repair Services</td>
</tr>
<tr>
<td>FSR09200132-50</td>
<td>Compressor (Modified) Full Service Repair Services</td>
<td>FSR93000075-01</td>
<td>Relay Matrix Full Service Repair Services</td>
</tr>
<tr>
<td>FSR09200006-10</td>
<td>Air Data Test Set Case Assembly Full Service Repair Services</td>
<td>FSR93000076-01</td>
<td>RF Multiplexer Full Service Repair Services</td>
</tr>
<tr>
<td>FSR09200020-10</td>
<td>Air Data Test Set Case Assembly Full Service Repair Services</td>
<td>FSR93000077-01</td>
<td>6½-Digit Digital Multimeter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR09200020-20</td>
<td>Air Data Test Set Case Assembly Full Service Repair Services</td>
<td>FSR93000078-01</td>
<td>High-Performance Universal Counter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000207-10</td>
<td>Compressor/Vacuum Pump Case Assembly Full Service Repair Services</td>
<td>FSR93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000503-01</td>
<td>Controller Full Service Repair Services</td>
<td>FSR93000080-01</td>
<td>Arbitrary Function Generator Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000508-01</td>
<td>Combination HUD Fixture/Alignment Tool Full Service Repair Services</td>
<td>FSR93000081-01</td>
<td>91-MHz Synthesized Function/Sweep Generator Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000509-01</td>
<td>Light Shroud Full Service Repair Services</td>
<td>FSR93000081-01</td>
<td>Local Oscillator Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000515-01</td>
<td>Boresight Bench Full Service Repair Services</td>
<td>FSR93000152-01</td>
<td>IF Section (100 kHz to 3 MHz) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000522-10</td>
<td>Transport/Camera Assembly Full Service Repair Services</td>
<td>FSR93000153-01</td>
<td>Graphics Display Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000523-01</td>
<td>C-Size VXI Mainframe - 4 Slots Full Service Repair Services</td>
<td>FSR93000154-01</td>
<td>Digitizer Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000530-01</td>
<td>C-Size VXI Mainframe - 4 Slots Full Service Repair Services</td>
<td>FSR93000155-01</td>
<td>Power Meter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR07040313-10</td>
<td>RF Controller (RF Deck) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service Repair Services</td>
<td>FSR93000156-03</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Full Service Repair Services</td>
</tr>
<tr>
<td>FSR07040317-10</td>
<td>Phase Noise Measurement Module (Enhanced) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service Repair Services</td>
<td>FSR93000172-01</td>
<td>RF Section (100 Hz to 22 GHz) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103573-01</td>
<td>Single-Phase AC Programmable Power Supply Full Service Repair Services</td>
<td>FSR93000173-01</td>
<td>IF Section (10 Hz to 300 KHz) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103848-01</td>
<td>Pattern Pod Full Service Repair Services</td>
<td>FSR93000200-01</td>
<td>Preamp (26.5 GHz) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103850-01</td>
<td>160 MHz Timing I/O Module Full Service Repair Services</td>
<td>FSR93000201-01</td>
<td>System Mainframe Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103851-01</td>
<td>20 MHz Pattern I/O Module Full Service Repair Services</td>
<td>FSR93000284-01</td>
<td>Digitizing Oscilloscope Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103852-01</td>
<td>Terminating 20 MHz Pattern I/O Module Full Service Repair Services</td>
<td>FSR93000293-01</td>
<td>Power Sensor Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103855-01</td>
<td>Synchro/Resolver Simulator and Indicator Full Service Repair Services</td>
<td>FSR93000293-03</td>
<td>Power Sensor Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103897-01</td>
<td>Timing Pod Full Service Repair Services</td>
<td>FSR93000506-01</td>
<td>32-Channel, 5 A, Form C Switch Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103986-01</td>
<td>VXI Mainframe Command Module Full Service Repair Services</td>
<td>FSR93000550-30</td>
<td>Three-Phase AC Programmable Power Supply Full Service Repair Services</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Service Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSR94000104-10</td>
<td>RF Interface Unit (RFIU) Mainframe Full Service Repair Services</td>
<td>FSR95000340-01</td>
</tr>
<tr>
<td>FSR94000603-10</td>
<td>RF Measurement #1 Full Service Repair Services</td>
<td>FSR95000450-10</td>
</tr>
<tr>
<td>FSR94000604-10</td>
<td>RF Converter Full Service Repair Services</td>
<td>FSR95000450-50</td>
</tr>
<tr>
<td>FSR94000605-10</td>
<td>RF Output Full Service Repair Services</td>
<td>FSR96000001-01</td>
</tr>
<tr>
<td>FSR94000606-10</td>
<td>RF Controller (BRAT® 305/405) Full Service Repair Services</td>
<td>FSR96000001-03</td>
</tr>
<tr>
<td>FSR94000606-50</td>
<td>RF Controller (JTIDS) Full Service Repair Services</td>
<td></td>
</tr>
<tr>
<td>FSR94000606-70</td>
<td>RF Controller (JSTARS) Full Service Repair Services</td>
<td></td>
</tr>
<tr>
<td>FSR94000833-01</td>
<td>Frequency Extension Module Full Service Repair Services</td>
<td>FSR96000002-01</td>
</tr>
<tr>
<td>FSR94000855-01</td>
<td>Microwave Signal Generator Full Service Repair Services</td>
<td>FSR96000007-01</td>
</tr>
<tr>
<td>FSR94000887-01</td>
<td>DC Power Supply Frame Full Service Repair Services</td>
<td>FSR9600012-01</td>
</tr>
<tr>
<td>FSR94000888-01</td>
<td>0 to 7 V Module for DC Power Supply Full Service Repair Services</td>
<td>FSR9600013-01</td>
</tr>
<tr>
<td>FSR94000889-01</td>
<td>0 to 20 V Module for DC Power Supply Full Service Repair Services</td>
<td>FSR9600013-03</td>
</tr>
<tr>
<td>FSR94000890-01</td>
<td>0 to 32 V Module for DC Power Supply Full Service Repair Services</td>
<td>FSR9600014-01</td>
</tr>
<tr>
<td>FSR94000891-01</td>
<td>0 to 320 V Module for DC Power Supply Full Service Repair Services</td>
<td>FSR9600014-03</td>
</tr>
<tr>
<td>FSR94000982-01</td>
<td>Precision Frequency Reference with Internal Amplifier Full Service Repair Services</td>
<td>FSR9600015-01</td>
</tr>
<tr>
<td>FSR94100500-130</td>
<td>Electronic Power Control Center - Single Phase Full Service Repair Services</td>
<td>FSR9600016-01</td>
</tr>
<tr>
<td>FSR94100554-10</td>
<td>Phase Balance Module Full Service Repair Services</td>
<td>FSR9600017-01</td>
</tr>
<tr>
<td>FSR94100604-01</td>
<td>Frequency Counter Full Service Repair Services</td>
<td>FSR96000021-01</td>
</tr>
<tr>
<td>FSR94100750-01</td>
<td>Power Distribution Unit Full Service Repair Services</td>
<td>FSR96000105-01</td>
</tr>
<tr>
<td>FSR94100751-01</td>
<td>Three-Phase Power Supply (Master) Full Service Repair Services</td>
<td>FSR96740017-01</td>
</tr>
<tr>
<td>FSR94100752-01</td>
<td>Three-Phase Power Supply (Slave) Full Service Repair Services</td>
<td>FSR96740017-03</td>
</tr>
<tr>
<td>FSR94100766-10</td>
<td>Timing Generator Module Full Service Repair Services</td>
<td>FSR96740019-01</td>
</tr>
<tr>
<td>FSR94101013-50</td>
<td>Phase Noise Measurement System Reference Source Unit Full Service Repair Services</td>
<td>FSR96740020-03</td>
</tr>
<tr>
<td>FSR94101130-01</td>
<td>Phase Noise Measurement System Full Service Repair Services</td>
<td>FSR96740045-10</td>
</tr>
<tr>
<td>FSR95000018-03</td>
<td>Microwave Network Analyzer Full Service Repair Services</td>
<td>FSR96740070-10</td>
</tr>
<tr>
<td>FSR95000019-03</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator Full Service Repair Services</td>
<td>FSR96740103-10</td>
</tr>
<tr>
<td>FSR95000045-01</td>
<td>0 to 160 V Module for DC Power Supply Full Service Repair Services</td>
<td>FSR98000100-30</td>
</tr>
<tr>
<td>FSR95000049-01</td>
<td>Synchro/Resolver Simulator and Indicator Full Service Repair Services</td>
<td>FSR98715045-01</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
FSP9210526-COM1 Cables, Connectors, and Adapters - Complexity Level 1 Full Service Components
FSP00009260-10 Isolated GPIB Expander Assembly Full Service Components
FSP02000205-10 Power Distribution Panel Assembly Full Service Components
FSP94100238-10 160-Pin 50 Ω Point to Point Cable Full Service Components
FSP94100799-10 AC Power Interface Drawer Assembly Full Service Components
FSP96000063-10 RFI Receiver Panel Full Service Components
FSP96000063-30 RFI Receiver Panel Full Service Components
FSP96000097-10 Self Test Plug Full Service Components
FSP9210526-COM2 Cables, Connectors, and Adapters - Complexity Level 2 Full Service Components
FSP00002602-10 RF Detector Cable Assembly Full Service Components
FSP02000114-10 Digital Interconnect Cable Full Service Components
FSP02000116-10 Cable Assembly Full Service Components
FSP02000117-10 Cable Assembly Full Service Components
FSP02000117-30 Cable Assembly Full Service Components
FSP02000117-50 Cable Assembly Full Service Components
FSP02000117-70 Cable Assembly Full Service Components
FSP02000120-10 Cable Assembly Full Service Components
FSP02000122-10 Cable Assembly Full Service Components
FSP02000124-10 Cable Assembly Full Service Components
FSP02000125-10 Cable Assembly Full Service Components
FSP02000129-10 Power Cable Full Service Components
FSP02200210-10 PT Exhaust Pressure Hose Assembly Full Service Components
FSP02200210-30 PS Exhaust Pressure Hose Assembly Full Service Components
FSP02200211-10 PT Hose Assembly Full Service Components
FSP02200211-30 PS Hose Assembly Full Service Components
FSP02200216-01 Air Data Test Set Rear Panel Full Service Components
FSP02200217-10 Compressor/Vacuum Pump Rear Panel Assembly Full Service Components
FSP02200218-10 Air Supply Hose Assembly Full Service Components
FSP02200219-10 Air Data Test Set Hose Assembly Full Service Components
FSP02200219-30 Air Data Test Set Hose Assembly Full Service Components
FSP02200219-50 Air Data Test Set Hose Assembly Full Service Components
FSP02200219-70 Air Data Test Set Hose Assembly Full Service Components
FSP02200219-90 Air Data Test Set Hose Assembly Full Service Components
FSP02200220-10 Compressor/Vacuum Pump Hose Assembly Full Service Components
FSP02200220-30 Compressor/Vacuum Pump Hose Assembly Full Service Components
FSP02200220-50 Compressor/Vacuum Pump Hose Assembly Full Service Components
FSP02200221-10 Compressor/Vacuum Pump Hose Assembly Full Service Components
FSP02300525-10 Video Cable Assembly Full Service Components
FSP02300536-10 Power Input Cable Assembly Full Service Components
FSP02300537-01 Boresight Bench Leg (Left) Full Service Components
FSP02300537-02 Boresight Bench Leg (Right) Full Service Components
FSP02300537-03 Boresight Bench Leg (Center) Full Service Components
### Products - Full Service Components

#### CABLES, CONNECTORS, AND ADAPTERS - COMPLEXITY LEVEL 2

- Terms and Conditions Apply (Refer to Appendix C)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP92103878-10</td>
<td>Static Digital Self Test Cable Full Service</td>
<td>FSP94100777-10</td>
<td>Auxiliary AC Output Cable Full Service</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td></td>
<td>Components</td>
</tr>
<tr>
<td>FSP92103879-10</td>
<td>Dynamic Digital Self Test Cable Full Service</td>
<td>FSP94100864-10</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td>FSP94101108-10</td>
<td>Emergency Stop Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103903-10</td>
<td>N/A Synchro Self Test Cable Full Service</td>
<td>FSP94101904-10</td>
<td>Adapter CCA Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td>FSP94101904-30</td>
<td>Adapter CCA Full Service Components</td>
</tr>
<tr>
<td>FSP92103914-10</td>
<td>BRAT® Power Cable Full Service Components</td>
<td>FSP96000038-10</td>
<td>6-Module Front Panel Full Service Components</td>
</tr>
<tr>
<td>FSP92103916-10</td>
<td>Self Test Cable Full Service Components</td>
<td>FSP96000067-10</td>
<td>Power Output Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103917-10</td>
<td>Power Supply Cable Full Service Components</td>
<td>FSP96000072-01</td>
<td>Straight/Bulkhead MXI-2 Cable Full Service</td>
</tr>
<tr>
<td>FSP92103927-10</td>
<td>Custom Switch Self Test Cable Full Service</td>
<td></td>
<td>Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103940-10</td>
<td>Power Distribution Panel Full Service Components</td>
<td>FSP96000089-10</td>
<td>Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103940-30</td>
<td>Power Distribution Panel Full Service Components</td>
<td>FSP96000094-10</td>
<td>Power Output Bulkhead Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103940-90</td>
<td>Power Distribution Panel Full Service Components</td>
<td>FSP96000143-10</td>
<td>Shorting Plug - Option 500 Full Service Components</td>
</tr>
<tr>
<td>FSP92103940-130</td>
<td>Power Distribution Panel Full Service Components</td>
<td>FSP96000148-10</td>
<td>RFI-VXI I/O Cable Assembly Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td>FSP96000148-30</td>
<td>RFI-VXI I/O Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP92103940-210</td>
<td>Power Distribution Panel Full Service Components</td>
<td>FSP96000148-50</td>
<td>RFI-VXI I/O Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP94000050-50</td>
<td>RF Coaxial Cable Full Service Components</td>
<td>FSP96000150-10</td>
<td>DCPS Loads Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP94100017-10</td>
<td>DC Power Output Cable Full Service Components</td>
<td>FSP96000151-10</td>
<td>DCPS Loads Cable Assembly Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td>FSP96000152-10</td>
<td>ECL Module I/O Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP94100019-10</td>
<td>AC Power Output Cable Full Service Components</td>
<td>FSP96000160-10</td>
<td>Timing Module I/O Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP94100121-10</td>
<td>AC I/O Cable Full Service Components</td>
<td>FSP96000173-10</td>
<td>504 Self Test Case Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP94100134-10</td>
<td>DC I/O Cable Full Service Components</td>
<td></td>
<td>1330 Latch Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100184-10</td>
<td>MMS Interconnect Cable Full Service Components</td>
<td>FSP962000010-10</td>
<td>CCA Housing Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td>FSP962000013-10</td>
<td>CCA Housing Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td>FSP962000013-30</td>
<td>CCA Housing Full Service Components</td>
</tr>
<tr>
<td>FSP94100204-10</td>
<td>DCPS External Channel Cable Full Service Components</td>
<td></td>
<td>CCA Housing Full Service Components</td>
</tr>
<tr>
<td>FSP94100206-10</td>
<td>MSIB Cable Full Service Components</td>
<td>FSP96200013-50</td>
<td>CCA Housing Full Service Components</td>
</tr>
<tr>
<td>FSP94100206-30</td>
<td>MSIB Cable Full Service Components</td>
<td>FSP96200013-70</td>
<td>CCA Housing Full Service Components</td>
</tr>
<tr>
<td>FSP94100209-10</td>
<td>MSIB Interconnect Cable Full Service Components</td>
<td>FSP96200013-90</td>
<td>CCA Housing Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td>FSP962000096-10</td>
<td>30-Pin, 50 Ω Point to Point Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100233-10</td>
<td>Point to Point Twisted Pair Cable Full Service</td>
<td>FSP962000097-10</td>
<td>30-Pin, Twisted Pair Cable Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100233-30</td>
<td>Point to Point Twisted Pair Cable Full Service</td>
<td>FSP962000098-10</td>
<td>24-Pin, 50 Ω Point to Point Cable Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td>FSP962000099-10</td>
<td>24-Pin, Twisted Pair Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100234-10</td>
<td>50 Ω Point to Point Cable Full Service Components</td>
<td>FSP962000045-10</td>
<td>System Cable Full Service Components</td>
</tr>
<tr>
<td></td>
<td>Components</td>
<td>FSP96740304-10</td>
<td>RF Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP94100234-30</td>
<td>50 Ω Point to Point Cable Full Service Components</td>
<td>FSP96740310-10</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP94100239-10</td>
<td>VXI I/O Cable Full Service Components</td>
<td>FSP96740432-10</td>
<td>Reference Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100241-10</td>
<td>VXI I/O Cable Full Service Components</td>
<td>FSP96740433-10</td>
<td>Frequency Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100244-10</td>
<td>VXI I/O Cable Full Service Components</td>
<td></td>
<td>CPSM Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100249-10</td>
<td>Power Cable Full Service Components</td>
<td>FSP96740996-10</td>
<td>ECL Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100329-10</td>
<td>DCPS Load I/O Cable Full Service Components</td>
<td>FSP96741092-10</td>
<td>Termination Plug Full Service Components</td>
</tr>
<tr>
<td>FSP94100391-10</td>
<td>Point to Point Twisted Pair Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100391-10</td>
<td>50 Ω Point to Point Cable Full Service Components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100776-10</td>
<td>Auxiliary AC Control Cable Full Service Components</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP92105926-COM3</td>
<td>Cables, Connectors, and Adapters - Complexity Level 3 Full Service Components</td>
</tr>
<tr>
<td>FSP02000113-10</td>
<td>Peak Power and Frequency Cable Full Service Components</td>
</tr>
<tr>
<td>FSP02000134-10</td>
<td>Power Cable Full Service Components</td>
</tr>
<tr>
<td>FSP0200014-01</td>
<td>Service Access Panel Full Service Components</td>
</tr>
<tr>
<td>FSP02300505-01</td>
<td>Accessory Cable Full Service Components</td>
</tr>
<tr>
<td>FSP02300517-10</td>
<td>BNC to BNC Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP92103911-10</td>
<td>DC Voltage Test Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103915-10</td>
<td>BNC Plug to BNC Plug Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103915-30</td>
<td>BNC Plug to BNC Plug Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103931-10</td>
<td>RF Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103932-10</td>
<td>Type N to Type N RF Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103932-50</td>
<td>Type N to Type N RF Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103937-10</td>
<td>VXI Precision Resistor Full Service Components</td>
</tr>
<tr>
<td>FSP92103975-30</td>
<td>Electronic Load I/O Cable Full Service Components</td>
</tr>
<tr>
<td>FSP92103990-10</td>
<td>SPD I/Q/Attenu Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000714-10</td>
<td>RF Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100101-10</td>
<td>Three-Phase AC Power Input Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100174-10</td>
<td>MMS 1 I/O Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100175-10</td>
<td>AC Power Input Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100175-30</td>
<td>AC Power Input Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100175-50</td>
<td>AC Power Input Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100175-70</td>
<td>AC Power Input Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100185-30</td>
<td>Power Input Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100185-50</td>
<td>Power Input Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100188-10</td>
<td>MMS 2 I/O Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100192-10</td>
<td>BNC to SMB Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100344-01</td>
<td>Left Inlet Connector Lock Full Service Components</td>
</tr>
<tr>
<td>FSP94100345-02</td>
<td>Right Inlet Connector Lock Full Service Components</td>
</tr>
<tr>
<td>FSP94100346-03</td>
<td>Left Outlet Connector Lock Full Service Components</td>
</tr>
<tr>
<td>FSP94100347-02</td>
<td>Right Outlet Connector Lock Full Service Components</td>
</tr>
<tr>
<td>FSP94100411-01</td>
<td>Cable Retainer Full Service Components</td>
</tr>
<tr>
<td>FSP94100411-03</td>
<td>Connector Spacer Full Service Components</td>
</tr>
<tr>
<td>FSP94100411-05</td>
<td>Connector Spacer Full Service Components</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.

**Products - Full Service Components**

**CABLES, CONNECTORS, AND ADAPTERS - COMPLEXITY LEVEL 3** - Terms and Conditions Apply (Refer to Appendix C)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP95000601-10</td>
<td>SMA Plug to SMA Plug Signal Processor Drawer Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP95000602-10</td>
<td>TNC Plug to SMA Plug Signal Processor Drawer Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP95000603-10</td>
<td>Type N Plug to TNC Plug Armored Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP95000603-30</td>
<td>Type N Plug to TNC Plug Armored Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96000059-10</td>
<td>32-Pin Point to Point Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96000068-10</td>
<td>DCPS Loads Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96000068-30</td>
<td>DCPS Loads Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96000069-10</td>
<td>Sense and Signal Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96000071-01</td>
<td>Right Angle/Bulkhead MXI-2 Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96000144-10</td>
<td>000-Pin Shorting Plug CCA Full Service Components</td>
</tr>
<tr>
<td>FSP96200031-10</td>
<td>Switch 1 to Switch 2 Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96200032-10</td>
<td>Switch 1 to DMM Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96200032-10</td>
<td>Ground Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96200032-10</td>
<td>Switch 2 to Switch 3 Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96200032-10</td>
<td>Station Ground Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96648240-30</td>
<td>SMA Plug to SMB Plug RF Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740292-10</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740293-10</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740294-10</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740295-10</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740311-10</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740311-30</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740311-30</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740311-50</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740311-70</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740312-10</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740313-10</td>
<td>Cable Assembly Full Service Components</td>
</tr>
<tr>
<td>FSP96740314-10</td>
<td>RF Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP96740314-30</td>
<td>RF Self Test Cable Full Service Components</td>
</tr>
<tr>
<td>FSP99000049-30</td>
<td>Rear Panel Assembly Full Service Components</td>
</tr>
</tbody>
</table>
CABLES, CONNECTORS, AND ADAPTERS - COMPLEXITY LEVEL 4

Products - Full Service Components

FSP92103870-10 BNC Component Holder Full Service Components
FSP93000205-10 Type N Plug to SMA Jack Semi-Rigid Coaxial Cable Full Service Components
FSP93000207-10 Type N Plug to SMA Jack Semi-Rigid Coaxial Cable Full Service Components
FSP93000211-10 Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000214-10 Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000215-10 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000215-30 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000215-50 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000215-70 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000215-90 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000217-10 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000217-30 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000217-50 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000217-70 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000217-90 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000319-10 Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service Components
FSP93000320-10 BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components
FSP94000883-10 BNC Bulkhead Jack to SMB Bulkhead Jack Flexible Coaxial Cable Full Service Components
FSP94000889-10 Type N Bulkhead Jack to SMA Bulkhead Jack Flexible Coaxial Cable Full Service Components
FSP94000492-10 Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components
FSP94000492-30 Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components
FSP94000492-50 Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components
FSP94000492-70 Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components
FSP94000492-90 Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components
FSP94000492-110 Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components
FSP94000492-130 Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components
FSP94000492-150 Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components
FSP94000431-30 Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components
FSP94000431-50 Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP94000431-70</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-90</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-110</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-130</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-150</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-170</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-190</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-210</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-230</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-250</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-270</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-290</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-310</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-330</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-350</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-370</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-390</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-410</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000431-430</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000436-10</td>
<td>Right Angle SMA Plug to Right Angle SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-70</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-90</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-110</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-130</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-150</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-170</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-190</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-210</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-230</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-250</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-270</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-290</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-310</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-330</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-350</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-370</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-390</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-410</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000841-430</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000885-30</td>
<td>Type N Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94000942-10</td>
<td>Right Angle SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100176-10</td>
<td>Strain Relief Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100176-30</td>
<td>Strain Relief Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100176-50</td>
<td>Strain Relief Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100176-70</td>
<td>Strain Relief Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100257-10</td>
<td>RF Power Cord Full Service Components</td>
</tr>
<tr>
<td>FSP94100257-30</td>
<td>RF Power Cord (10 A - Europe) Full Service Components</td>
</tr>
<tr>
<td>FSP94100678-10</td>
<td>Blower Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100678-10</td>
<td>Blower Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94101036-10</td>
<td>Facility Ground Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94101036-10</td>
<td>Facility Ground Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100865-10</td>
<td>Blower Assembly Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100865-10</td>
<td>Blower Assembly Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100992-10</td>
<td>Right Angle SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP94100992-10</td>
<td>Right Angle SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP95000279-10</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP95000279-30</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP95000279-50</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP95000279-70</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
<tr>
<td>FSP95000279-90</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components</td>
</tr>
</tbody>
</table>
For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
<table>
<thead>
<tr>
<th>Products - Maintenance Repair Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSHVAITA-FIXTURES</td>
</tr>
<tr>
<td>RSHVAITA-SPARES</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Products - Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRSHVAITA-10</td>
</tr>
<tr>
<td>MRSHVAITA-11</td>
</tr>
<tr>
<td>MRSHVAITA-12</td>
</tr>
<tr>
<td>MRSHVAITA-13</td>
</tr>
<tr>
<td>MRSHVAITA-14</td>
</tr>
<tr>
<td>MRSHVAITA-15</td>
</tr>
<tr>
<td>MRSHVAITA-16</td>
</tr>
<tr>
<td>MRSHVAITA-10A</td>
</tr>
<tr>
<td>MRSHVAITA-11A</td>
</tr>
<tr>
<td>MRSHVAITA-12A</td>
</tr>
<tr>
<td>MRSHVAITA-13A</td>
</tr>
<tr>
<td>MRSHVAITA-14A</td>
</tr>
<tr>
<td>MRSHVAITA-15A</td>
</tr>
<tr>
<td>MRSHVAITA-16A</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - Maintenance Services

MAINT-SRVC-CY10-750  Management and Engineering Support - Tester(s) Maintenance and Servicing up to 750 Hours (to be paid monthly)

MAINT-SRVC-CY11-1800 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours (to be paid monthly)

MAINT-SRVC-CY12-1800 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours (to be paid monthly)

MAINT-SRVC-CY13-1800 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours (to be paid monthly)

MAINT-SRVC-CY14-1800 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours (to be paid monthly)

MAINT-SRVC-CY15-1800 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours (to be paid monthly)

MAINT-SRVC-CY11-2400 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours (to be paid monthly)

MAINT-SRVC-CY12-2400 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours (to be paid monthly)

MAINT-SRVC-CY13-2400 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours (to be paid monthly)

MAINT-SRVC-CY14-2400 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours (to be paid monthly)

MAINT-SRVC-CY15-2400 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours (to be paid monthly)

MAINT-SRVC-CY11-3000 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours (to be paid monthly)

MAINT-SRVC-CY12-3000 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours (to be paid monthly)

MAINT-SRVC-CY13-3000 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours (to be paid monthly)

MAINT-SRVC-CY14-3000 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours (to be paid monthly)

MAINT-SRVC-CY15-3000 Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours (to be paid monthly)

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
**Products - Installation, Repairs, and Kits**

**Installation, Repairs, and Kits**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAM UPGR KIT  RAM Upgrade Kit</td>
</tr>
<tr>
<td>RAM UPGR INSTL  Installation of RAM Upgrade Kit (excludes travel and per diem)</td>
</tr>
<tr>
<td>DCPS J8 300 KIT  DCPS Cable Extension J8 Kit for B105/B303C/B305B</td>
</tr>
<tr>
<td>DCPS J8 400 KIT  DCPS Cable Extension J8 Kit for R205/R405B</td>
</tr>
<tr>
<td>J8 EXTD INSTL  Installation of DCPS Cable Extension J8 Kit for B105/B303C/B305B/R205/R405B (excludes travel and per diem)</td>
</tr>
<tr>
<td>DCPS J21 KIT  Electronic Load I/O Cable with Installation (excludes travel and per diem)</td>
</tr>
<tr>
<td>DCPS INTERCONNECT  Power Supply Cable with Installation (excludes travel and per diem)</td>
</tr>
<tr>
<td>B511 PNL KIT  B511 Recessed Panel Kit</td>
</tr>
<tr>
<td>B511 PNL INSTL  Installation of B511 Recessed Panel Kit (excludes travel and per diem)</td>
</tr>
<tr>
<td>LPADC INSTL  Installation of Low Power ADC Subsystem Retrofit Kit for Waveform Digitizers</td>
</tr>
<tr>
<td>RK EXCKSEL  External Clock Select Board Retrofit Assembly Kit</td>
</tr>
<tr>
<td>INSTL MINOR  Minor Installation</td>
</tr>
<tr>
<td>INSTL MAJOR  Major Installation</td>
</tr>
<tr>
<td>07020001-10 MAP/SAP Replacement Circuit Card</td>
</tr>
<tr>
<td>07020002-10 MAP/SAP Front Panel/Switch Replacement Assembly</td>
</tr>
<tr>
<td>07020003-10 MAP/SAP Audio Digital Encoder Replacement Circuit Card</td>
</tr>
<tr>
<td>07040700-10 Phase Noise Cable Set Kit</td>
</tr>
</tbody>
</table>

**Low Power ADC Subsystem Retrofit Kit for Waveform Digitizers**

Frequently, existing test instrumentation utilizes hardware components that have become obsolete and unmaintainable. In particular, some waveform digitizers use high power Electron Bombarded Semiconductor (EBS) tubes for their Analog-Digital-Conversion (ADC) subsystem. These EBS tubes are subject to obsolescence. EBS requirements for high voltage power decrease reliability to unacceptable levels. Retrofit Kits are utilized to overcome these obsolescence problems.

- **RK LPADC**  Low Power ADC Subsystem Retrofit Kit for Waveform Digitizers
  - Retrofit existing test instrument ADC subsystem with new technology that is functionally equivalent with superior reliability. Benefits of test instrument retrofit include extended service life, enhanced utilization, reduced maintenance costs, improved reliability, and obsolescence neutral. Features of the Low Power ADC Subsystem Retrofit Kit include dual 8-bit ADCs, 500 Msps sampling rate per channel, low power requirement (3.3 V and 2.25 V), built-in-test and calibration, gray or binary output data formats, and flexible configuration.

**Products - BRAT® Equipment Installation and Checkout**

This group consists of five levels ranging from Complexity 1 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: BRAT® Equipment Installation and Checkout - Complexity 3.0 to 3.9

**Products - Support**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSE-01  Field Service Engineer</td>
</tr>
<tr>
<td>SP BETATek7612D  BETA Technical Support</td>
</tr>
<tr>
<td>SP BRATNET  Installation and Logistics Support and Maintenance for BRATNet® and BLT</td>
</tr>
<tr>
<td>SP JTIDS  BRAT® TPS Engineering Software Support - 1000 Hours</td>
</tr>
<tr>
<td>SP LPADC  On-Site Engineering Support for ADC Retrofit Kit Verification - 5 Days</td>
</tr>
<tr>
<td>SP VIDEO  Technical Support for Video Card - 10 Hours</td>
</tr>
</tbody>
</table>

**Products - TPS Rehosting**

Terms and Conditions Apply (Refer to Appendix B)

- **RPNC**  TPS Rehosting (Phase Noise Instrument)
- **R307/308**  TPS Rehosting (307/308)

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - Retrofit Kits

Retrofit Kits are utilized to overcome obsolescence problems in SRUs, LRU's, Test Instrumentation (TI), etc. These problems include obsolete parts, obsolete circuit card assemblies, and obsolete subassemblies. The kits may utilize alternate parts implementations, alternate equivalent repackaged parts (altered items), redesigned PLDs (Xilinx, Quick Logic, Altera, Wise (controller with embedded memory design), Zetex (analog design)), re-engineered analog components, etc. These may be quantified as simple, mid-complexity, complex, and very complex designs and equivalent kitting. These efforts usually require manufacturing, mechanical design (drawing changes, drawings, packaging), electrical design, manufacturing test support, purchasing, QA, and shipping and receiving (all required corporate departments). The engineering level of effort and the expertise of the engineer vary from experienced to very senior, with their knowledge base being narrow (digital only or digital and analog, through all levels of microwave engineering and software development, including PLD or microprocessor design). In all instances a thorough analysis and evaluation of the UUT, test instrument, or component must be made with an understanding of its function relative to system and UUT (SRU/LRU) operation. These analyses include reading technical orders, schematics, specifications, design documents, ICs, etc.

**Simple Retrofit Kit - SRU**
Analog, Digital, or Microwave component replacement with equivalent non-re-engineered component. Thermal stress testing will be performed where applicable to qualify component.

**Simple Retrofit Kit - LRU/TI**
Analog, Digital, or Microwave component replacement with equivalent non-re-engineered component. Thermal stress testing will be performed where applicable to qualify component.

**Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - SRU**
Replace as necessary functional equivalent parts in a different form factor that utilize adapters to mount components, making them appear to be form, fit, and function equivalent.

**Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - LRU/TI**
Replace as necessary functional equivalent parts in a different form factor that utilize adapters to mount components, making them appear to be form, fit, and function equivalent.

**Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - SRU**
Replace as necessary subassembly or multiple subassemblies with replacement components/subassemblies which are functionally equivalent. Interfacing may require interfacing with voltage, clocks, input-output circuits, and example memory circuits. Change orders or TOPS pages to current O&M and/or service manuals or to UUT (SRU/LRU) manuals and configuration drawings may be necessary. Verification via system test procedures ensures compliance with the original specifications and functionality of the modified UUT or test equipment component.

**Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - LRU/TI**
Replace as necessary subassembly or multiple subassemblies with replacement components/subassemblies which are functionally equivalent. Interfacing may require interfacing with voltage, clocks, input-output circuits, and memory circuits. Change orders or TOPS pages to current O&M and/or service manuals or to UUT (SRU/LRU) manuals and configuration drawings may be necessary. Verification via system test procedures ensures compliance with the original specifications and functionality of the modified UUT or test equipment component.

**Complex Retrofit Kit - Hybrid (Analog and Digital) - SRU**
Replace a subassembly or multiple subassemblies with replacement components/subassemblies which are functionally equivalent. Where necessary, change interfacing with voltage, clocks, input-output circuits, and memory circuits. Verification to system test procedures will be performed. In addition, TOPS pages will be provided.

**Complex Retrofit Kit - Hybrid (Analog and Digital) - LRU/TI**
Replace a subassembly or multiple subassemblies with replacement components/subassemblies which are functionally equivalent. Where necessary, change interfacing with voltage, clocks, input-output circuits, and memory circuits. Verification to system test procedures will be performed. In addition, TOPS pages will be provided.

**Complex Retrofit Kit - Microwave - SRU**
Redesign of an obsolete component or subassembly/assembly as required. Modified component/subassembly/assembly will be validated to function with its I/O (power and RF), including power draw for VCXOs, amplifiers, etc. Retrofit will meet AM/PM modulation requirements and VSWR specifications, power level specifications, and current draw specifications. A final test will be performed in the unit and drawings will be updated. ECNs will be generated or TOPS pages will be added to reflect the new configuration.

**Complex Retrofit Kit - Microwave - LRU/TI**
Redesign of an obsolete component or subassembly/assembly as required. Modified component/subassembly/assembly will be validated to function with its I/O (power and RF), including power draw for VCXOs, amplifiers, etc. Retrofit will meet AM/PM modulation requirements and VSWR specifications, power level specifications, and current draw specifications. A final test will be performed in the unit and drawings will be updated. ECNs will be generated or TOPS pages will be added to reflect the new configuration.

These groups consist of five levels of development ranging from Complexity 1 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist. Example: Simple Retrofit Kit - SRU - Complexity 4.0 to 4.9
Products - ITA Retrofit

ITA Retrofit - Complex Rollup
These groups consist of six levels of development ranging from Complexity 1 to Complexity 6, with level 6 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: Retrofit Digital Complex Rollup - LRU ITA - Complexity 4.0 to 4.9

Retrofit Digital Complex Rollup
Retrofit Electro Optic Complex Rollup
Retrofit Analog/Digital Hybrid Complex Rollup
Retrofit RF Complex Rollup

Products - ATE Modernization Kits

Modernization of ATE Systems
Modernization of an existing/obsolete ATE tester using a computer/controller can be performed using the Modernization Kit, where the modernized tester will be able to test and utilize existing TPSs and ITAs. The Modernization Kit provides for the replacement of the obsolete computers and equipment through the use of COTS software, emulators, and/or tester equipment to ensure the integrity of the TPSs and ITAs.

Levels of complexity categorize the Modernization Kits. Complexity is determined by the quantity and intricacy of the equipment/instruments to be modernized. The Modernization Kits consist of nine levels ranging from Complexity 1 to Complexity 9, with level 9 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: Modernization Kit - Complexity 2.0 to 2.9

MK-131 Modernization Kit - Complexity 1.0 to 1.9
This kit includes the replacement of an obsolete computer/controller and up to a total of six Analog/Digital/Video/Hybrid IEEE programmable instruments or assemblies. The Modernization Kit instruments/assemblies may be rack mountable, VXI, or configured assemblies.

MK-132 Modernization Kit - Complexity 2.0 to 2.9
This kit includes the replacement of an obsolete computer/controller and up to a total of eight Analog/Digital/Video/Hybrid/RF (up to two RF instruments) IEEE programmable instruments or assemblies. The Modernization Kit instruments/assemblies may be rack mountable, VXI, or configured assemblies.

MK-133 Modernization Kit - Complexity 3.0 to 3.9
This kit includes the replacement of an obsolete computer/controller and up to a total of eight Analog/Digital/Video/Hybrid/RF (up to two RF instruments) IEEE programmable instruments or assemblies. The Modernization Kit instruments/assemblies may be rack mountable, VXI, or configured assemblies.

MK-134 Modernization Kit - Complexity 4.0 to 4.9
This kit includes the replacement of an obsolete computer/controller and up to a total of ten Analog/Digital/Video/Hybrid/RF (up to four RF instruments) IEEE programmable instruments or assemblies. The Modernization Kit instruments/assemblies may be rack mountable, VXI, or configured assemblies.

MK-135 Modernization Kit - Complexity 5.0 to 5.9
MK-136 Modernization Kit - Complexity 6.0 to 6.9
MK-137 Modernization Kit - Complexity 7.0 to 7.9
MK-138 Modernization Kit - Complexity 8.0 to 8.9
MK-139 Modernization Kit - Complexity 9.0 to 9.9

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - BRAT® Cable Sets

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>93000PWR-10</td>
<td>Power Cable Set (BRAT® 105)</td>
</tr>
<tr>
<td>9300COAX-10</td>
<td>Coax Cable Set (BRAT® 105)</td>
</tr>
<tr>
<td>9300SYS-10</td>
<td>System Cable Set (BRAT® 105)</td>
</tr>
</tbody>
</table>

Products - Cables

This group consists of six levels of development ranging from Complexity 0 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CABLE-00</td>
<td>Cable - Complexity 0.0 to 0.9</td>
</tr>
<tr>
<td>CABLE-01</td>
<td>Cable - Complexity 1.0 to 1.9</td>
</tr>
<tr>
<td>CABLE-02</td>
<td>Cable - Complexity 2.0 to 2.9</td>
</tr>
<tr>
<td>CABLE-03</td>
<td>Cable - Complexity 3.0 to 3.9</td>
</tr>
<tr>
<td>CABLE-04</td>
<td>Cable - Complexity 4.0 to 4.9</td>
</tr>
<tr>
<td>CABLE-05</td>
<td>Cable - Complexity 5.0 to 5.9</td>
</tr>
</tbody>
</table>

Products - Cables, Connectors, and Adapters - Complexity Level 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>92105226-COM1</td>
<td>Cables, Connectors, and Adapters - Complexity Level 1</td>
</tr>
<tr>
<td>09200133-10</td>
<td>Isolated GPIB Expander Assembly</td>
</tr>
<tr>
<td>09200132-10</td>
<td>Vacuum Pump - Modified</td>
</tr>
<tr>
<td>09200132-30</td>
<td>Vacuum Pump - Modified</td>
</tr>
<tr>
<td>09200132-50</td>
<td>Compressor - Modified</td>
</tr>
<tr>
<td>09200208-10</td>
<td>Power Distribution Panel Assembly</td>
</tr>
</tbody>
</table>

Products - Cables, Connectors, and Adapters - Complexity Level 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>92105226-COM2</td>
<td>Cables, Connectors, and Adapters - Complexity Level 2</td>
</tr>
<tr>
<td>00002602-10</td>
<td>RF Detector Cable Assembly</td>
</tr>
<tr>
<td>02000114-10</td>
<td>Digital Interconnect Cable</td>
</tr>
<tr>
<td>02000116-10</td>
<td>Cable Assembly</td>
</tr>
<tr>
<td>02000117-10</td>
<td>Cable Assembly</td>
</tr>
<tr>
<td>02000117-30</td>
<td>Cable Assembly</td>
</tr>
<tr>
<td>02000117-50</td>
<td>Cable Assembly</td>
</tr>
<tr>
<td>02000117-70</td>
<td>Cable Assembly</td>
</tr>
<tr>
<td>02000120-10</td>
<td>Cable Assembly</td>
</tr>
<tr>
<td>02000122-10</td>
<td>Cable Assembly</td>
</tr>
<tr>
<td>02000124-10</td>
<td>Cable Assembly</td>
</tr>
<tr>
<td>02000125-10</td>
<td>Cable Assembly</td>
</tr>
<tr>
<td>02000129-10</td>
<td>Power Cable</td>
</tr>
<tr>
<td>02200129-01</td>
<td>Vacuum Pump</td>
</tr>
<tr>
<td>02200210-10</td>
<td>PT Exhaust Pressure Hose Assembly</td>
</tr>
<tr>
<td>02200210-30</td>
<td>PS Exhaust Pressure Hose Assembly</td>
</tr>
<tr>
<td>02200211-10</td>
<td>PT Hose Assembly</td>
</tr>
<tr>
<td>02200211-30</td>
<td>PS Hose Assembly</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### Products - Cables, Connectors, and Adapters - Complexity Level 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>92103566-10</td>
<td>System Cable</td>
</tr>
<tr>
<td>92103582-10</td>
<td>System Cable</td>
</tr>
<tr>
<td>92103583-30</td>
<td>System Cable</td>
</tr>
<tr>
<td>92103583-50</td>
<td>System Cable</td>
</tr>
<tr>
<td>92103748-10</td>
<td>DC Power and VXI Synchro Self Test Cable</td>
</tr>
<tr>
<td>92103749-10</td>
<td>High Frequency Self Test Cable</td>
</tr>
<tr>
<td>92103750-10</td>
<td>Four-Wire Resistance Self Test Cable</td>
</tr>
<tr>
<td>92103751-10</td>
<td>Two-Wire Resistance Self Test Cable</td>
</tr>
<tr>
<td>92103770-10</td>
<td>Shorting Plug Self Test Cable</td>
</tr>
<tr>
<td>92103777-10</td>
<td>One-Wire Resistance Self Test Cable</td>
</tr>
<tr>
<td>9210378-10</td>
<td>Static Digital Self Test Cable</td>
</tr>
<tr>
<td>9210379-10</td>
<td>Dynamic Digital Self Test Cable</td>
</tr>
<tr>
<td>92103903-10</td>
<td>N/A Synchro Self Test Cable</td>
</tr>
<tr>
<td>92103914-10</td>
<td>BRAT® Power Cable</td>
</tr>
<tr>
<td>92103916-10</td>
<td>Self Test Cable</td>
</tr>
<tr>
<td>92103917-10</td>
<td>Power Supply Cable</td>
</tr>
<tr>
<td>92103927-10</td>
<td>Custom Switch Self Test Cable</td>
</tr>
<tr>
<td>92103940-10</td>
<td>Power Distribution Panel</td>
</tr>
<tr>
<td>92103940-30</td>
<td>Power Distribution Panel</td>
</tr>
<tr>
<td>92103940-90</td>
<td>Power Distribution Panel</td>
</tr>
<tr>
<td>92103940-130</td>
<td>Power Distribution Panel</td>
</tr>
<tr>
<td>92103940-210</td>
<td>Power Distribution Panel</td>
</tr>
<tr>
<td>94000500-50</td>
<td>RF Coaxial Cable</td>
</tr>
<tr>
<td>94100017-10</td>
<td>DC Power Output Cable</td>
</tr>
<tr>
<td>94100019-10</td>
<td>AC Power Output Cable</td>
</tr>
<tr>
<td>94100121-10</td>
<td>AC I/O Cable</td>
</tr>
<tr>
<td>94100134-10</td>
<td>DC I/O Cable</td>
</tr>
<tr>
<td>94100184-10</td>
<td>MMS Interconnect Cable</td>
</tr>
<tr>
<td>94100189-10</td>
<td>MMS 3 I/O Cable</td>
</tr>
<tr>
<td>94100195-10</td>
<td>RFIU I/O Cable</td>
</tr>
<tr>
<td>94100195-70</td>
<td>RFIU I/O Cable (BRAT® 405)</td>
</tr>
<tr>
<td>94100204-10</td>
<td>DCPS External Channel Cable</td>
</tr>
<tr>
<td>94100206-10</td>
<td>MSIB Cable</td>
</tr>
<tr>
<td>94100206-30</td>
<td>MSIB Cable</td>
</tr>
<tr>
<td>94100209-10</td>
<td>MSIB Interconnect Cable</td>
</tr>
<tr>
<td>94100293-10</td>
<td>Syn 3 I/O Cable</td>
</tr>
<tr>
<td>94100233-10</td>
<td>Point to Point Twisted Pair Cable</td>
</tr>
<tr>
<td>94100233-30</td>
<td>Point to Point Twisted Pair Cable</td>
</tr>
<tr>
<td>94100234-10</td>
<td>50 Ω Point to Point Cable</td>
</tr>
<tr>
<td>94100234-30</td>
<td>50 Ω Point to Point Cable</td>
</tr>
<tr>
<td>94100239-10</td>
<td>VXI I/O Cable</td>
</tr>
<tr>
<td>94100241-10</td>
<td>VXI I/O Cable</td>
</tr>
<tr>
<td>94100244-10</td>
<td>VXI I/O Cable</td>
</tr>
<tr>
<td>94100249-10</td>
<td>Power Cable</td>
</tr>
<tr>
<td>94100329-10</td>
<td>DC2 Load I/O Cable</td>
</tr>
<tr>
<td>94100390-10</td>
<td>Point to Point Twisted Pair Cable</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9210526-COM4</td>
<td>Cables, Connectors, and Adapters - Complexity Level 4</td>
<td>93000207-10</td>
<td>Type N Plug to SMA Jack Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>92105226-COM4</td>
<td>Cables, Connectors, and Adapters - Complexity Level 4</td>
<td>93000211-10</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>00002051-10</td>
<td>Emergency Stop Cable Assembly</td>
<td>93000214-10</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>00000109-10</td>
<td>Remote ON/OFF Cable</td>
<td>93000215-10</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>00001119-10</td>
<td>Cable Assembly</td>
<td>93000215-30</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>00001119-30</td>
<td>Cable Assembly</td>
<td>93000215-50</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>0000121-10</td>
<td>Cable Assembly</td>
<td>93000215-70</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>0000123-10</td>
<td>Cable Assembly</td>
<td>93000215-90</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>0000141-10</td>
<td>BNC Plug to BNC Plug Cable</td>
<td>93000217-10</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>00200133-01</td>
<td>Rack Mount Kit</td>
<td>93000217-30</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>8604412SP-2</td>
<td>Type N Jack to SMA Plug Adapter</td>
<td>93000217-50</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>8604412SP-4</td>
<td>Type N Plug to SMA Jack Adapter</td>
<td>93000217-70</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>92103570-10</td>
<td>System Cable</td>
<td>93000217-90</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>92103570-30</td>
<td>System Cable</td>
<td>93000292-01</td>
<td>Right Angle SMA Adapter</td>
</tr>
<tr>
<td>92103570-70</td>
<td>System Cable</td>
<td>93000319-10</td>
<td>Type D Plug to Type N Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>92103570-90</td>
<td>System Cable</td>
<td>93000320-10</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
</tr>
<tr>
<td>92103696-01</td>
<td>GPIB Cable</td>
<td>93000505-01</td>
<td>IEEE Extension Cable</td>
</tr>
<tr>
<td>92103696-03</td>
<td>GPIB Cable</td>
<td>93000508-01</td>
<td>SMB Tee Adapter</td>
</tr>
<tr>
<td>92103696-05</td>
<td>GPIB Cable</td>
<td>93000532-01</td>
<td>Allen Wrench</td>
</tr>
<tr>
<td>92103696-07</td>
<td>GPIB Cable</td>
<td>94000283-10</td>
<td>BNC Bulkhead Jack to SMB Bulkhead Jack</td>
</tr>
<tr>
<td>92103696-09</td>
<td>GPIB Cable</td>
<td>94000289-10</td>
<td>Type N Bulkhead Jack to SMA Bulkhead Jack</td>
</tr>
<tr>
<td>92103708-03</td>
<td>BNC Plug to Banana Plug Cable</td>
<td>94000429-10</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-10</td>
<td>System Cable</td>
<td>94000429-30</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-30</td>
<td>System Cable</td>
<td>94000429-50</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-50</td>
<td>System Cable</td>
<td>94000429-70</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-70</td>
<td>System Cable</td>
<td>94000429-90</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-90</td>
<td>System Cable</td>
<td>94000429-110</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-110</td>
<td>System Cable</td>
<td>94000429-130</td>
<td>Right Angle SMB Plug to BNC Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-130</td>
<td>System Cable</td>
<td>94000429-150</td>
<td>Right Angle SMB Plug to BNC Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-150</td>
<td>System Cable</td>
<td>94000431-100</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-170</td>
<td>System Cable</td>
<td>94000431-120</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-190</td>
<td>System Cable</td>
<td>94000431-130</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-210</td>
<td>System Cable</td>
<td>94000431-150</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-230</td>
<td>System Cable</td>
<td>94000431-170</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-250</td>
<td>System Cable</td>
<td>94000431-190</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103820-270</td>
<td>System Cable</td>
<td>94000431-210</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-10</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000431-230</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-30</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000431-250</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-50</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000431-270</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-70</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000431-290</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-90</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000431-310</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-110</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000431-330</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-130</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000431-350</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-150</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000432-01</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-170</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000432-03</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-190</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000432-05</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-210</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000432-07</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-230</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000432-09</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-250</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000432-11</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-270</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000432-13</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103821-290</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>94000432-15</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>92103870-10</td>
<td>BNC Component Holder</td>
<td>94000432-17</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>9130979-01</td>
<td>Triaxial Cable</td>
<td>94000432-19</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>9140104-01</td>
<td>Printer Cable</td>
<td>94000431-100</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>914017-01</td>
<td>Printer Power Adapter (Europe)</td>
<td>94000431-120</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>9190535-01</td>
<td>MXI-3 Cable Assembly</td>
<td>94000431-140</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>9190535-03</td>
<td>MXI-3 Cable Assembly</td>
<td>94000431-160</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
<tr>
<td>93000205-10</td>
<td>Type N Plug to SMA Jack Semi-Rigid Coaxial Cable</td>
<td>94000431-180</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### Products - Parts and Assemblies

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>96000021-05</td>
<td>0 to 600 Vdc Power Supply - Provides 425 volts required to generate high voltage for traveling wave tube cathode</td>
</tr>
<tr>
<td>96648363-10</td>
<td>Input/Output Drawer Assembly - Main conduit for interfacing ITA to BRAT® during test - Provides AC and DC power distribution - Routes all digital and analog measurement signals</td>
</tr>
<tr>
<td>96648365-10</td>
<td>High Voltage Isolated Load Assembly - A high voltage dummy load within a metal enclosure used for test, measurement, and adjustment of UUT cathode high voltage</td>
</tr>
<tr>
<td>96648400-10</td>
<td>Low Voltage Isolated Load Assembly - A low voltage version of High Voltage Isolated Load Assembly (P/N 96648365-10)</td>
</tr>
<tr>
<td>96648730-10</td>
<td>Switching Regulator Enclosure Assembly - Provides high voltage switching</td>
</tr>
<tr>
<td>96648818-10</td>
<td>Cathode Monitor Control CCA - Digital interface to Cathode Monitor Relay Assembly (P/N 96648819-10)</td>
</tr>
<tr>
<td>96648819-10</td>
<td>Cathode Monitor Relay Assembly - Enables High Voltage Assembly (HVA) ITA to automatically switch from Traveling Wave Tube (TWT) to dummy loads during test</td>
</tr>
<tr>
<td>96648834-10</td>
<td>Video Selector CCA - A 24 x 2 channel video selector - Allows HVA ITA to route video signals</td>
</tr>
<tr>
<td>96648840-10</td>
<td>Ground Deck Pulser CCA - Provides grid on and off drive pulses to UUT - Produces woofer drive pulse</td>
</tr>
<tr>
<td>96648843-10</td>
<td>Clock Driver CCA - Provides switching regulator power supply clock drive - Receives HVA cathode regulator feedback signal - Generates modulation pulse</td>
</tr>
<tr>
<td>96648846-10</td>
<td>Protection and Control CCA - Contains monitoring and control circuitry for safe operation of ITA and UUT during test</td>
</tr>
<tr>
<td>96648919-10</td>
<td>ITA Cable Set - Contains all cables necessary to connect UUT to ITA and ITA to BRAT® test system</td>
</tr>
<tr>
<td>96648920-10</td>
<td>Frame Harness Assembly - Includes blower, cabinet harness, transformer assembly, inner connector assembly, turret assembly (CCAs not included), and all chassis items</td>
</tr>
</tbody>
</table>

**L9668-111-012-01**
12 Vdc Power Supply

**L9668-111-013-01**
DC Motor Controller

**L9668-111-013-03**
DC Motor Controller

**L9668-111-020-11**
DC Strain Conditioner

**L9668-111-020-12**
RTD Conditioner

**L9668-111-020-13**
DCV Input Card

**L9668-111-020-14**
Logic I/O Card

**L9668-111-020-15**
Frequency Input Card

**L9668-111-020-16**
Central Processor Card

**L9668-111-020-19**
Quad DC Strain Gauge Card

**L9668-111-021-01**
16-Channel Circuit Card

**L9668-111-021-02**
AC Output Relay

**L9668-111-021-03**
AC Input Relay

**L9668-111-021-04**
DC Output Relay

**L9668-111-022-01**
Surface Mount Temperature Transducer

**L9668-111-031-01**
Temperature Probe

**L9668-111-033-11**
Pushbutton

**L9668-111-033-12**
Illuminated Button

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
### Products - Parts and Assemblies

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>L9668-111-033-13</td>
<td>Lamp</td>
</tr>
<tr>
<td>L9668-111-036-01</td>
<td>24 Vdc Power Supply</td>
</tr>
<tr>
<td>L9668-111-037-01</td>
<td>45 Vdc Power Supply</td>
</tr>
<tr>
<td>L9668-111-039-01</td>
<td>Power Outlet Strip</td>
</tr>
<tr>
<td>L9668-111-041-01</td>
<td>Fuse (Qty. 8)</td>
</tr>
<tr>
<td>L9668-111-041-03</td>
<td>Fuse (Qty. 8)</td>
</tr>
<tr>
<td>L9668-111-043-01</td>
<td>Control Relay</td>
</tr>
<tr>
<td>L9668-111-055-01</td>
<td>Hourmeter</td>
</tr>
<tr>
<td>L9668-111-061-01</td>
<td>Circuit Breaker</td>
</tr>
</tbody>
</table>

### Products - Connectors

**CTI101**  
**Fixture Starter Kit**  
Facilitates rapid TPS interface prototyping. Kit includes:  
- One 152-position power contact connector without contacts  
- Two 152-position coaxial contact connectors without contacts  
- One 59-position coaxial contact connector without contacts  
- Two 59-position power contact connectors without contacts  
- 17 200-position general purpose connectors with 0.325-inch tail  
- One 29-slot protective fixture cover  
- One 29-slot width IEEE-1505 CTI compliant fixture  
- One 8-inch deep fixture enclosure

**CTI101-1**  
**Power and Coaxial Pins for CTI101**  
Facilitates rapid TPS interface prototyping and reuse of wires. Kit includes:  
- Coaxial contacts, crimp type  
- Power contacts, crimp type  
- General purpose box pins, crimp type  
- 2 x 25 stackable headers

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - TPS and ITA Training Using the BRAT®

This group consists of five levels of training ranging from Complexity 1 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: TPS and ITA Training Using the BRAT® - Complexity 1.0 to 1.9

Products - Proprietary Repair Documents

This group consists of six levels ranging from Complexity 0 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: Repair Document for Proprietary Information (40 pages) - Complexity 3.0 to 3.9

Products - Proprietary Procedure Manuals

This group consists of six levels ranging from Complexity 0 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: Procedure Manual for Proprietary Information (20 pages) - Complexity 1.0 to 1.9
Products - Training and System Maintenance

**Training**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-401</td>
<td>Theoretical RF Training Course - 6 weeks of classroom training on theoretical aspects of radio frequency, microwave, and other high level theories</td>
</tr>
<tr>
<td>T-402</td>
<td>TCASE® and TBASIC® Software Training - 3 weeks of fundamental software training for TPS development</td>
</tr>
<tr>
<td>T-409A</td>
<td>Intermediate TCASE® and TBASIC® Software Training (5 student minimum)</td>
</tr>
<tr>
<td>T-403</td>
<td>On-the-Job BRAT® Training Course - 3 weeks of training on the BRAT® Test System</td>
</tr>
<tr>
<td>T-404</td>
<td>Practical TPS Development - 4 months of hands-on training on actual TPS development utilizing Units Under Test (UUTs)</td>
</tr>
<tr>
<td>T-405</td>
<td>Operation and Maintenance Training - 1 week of training on the basic operation and maintenance of the BRAT® Test System</td>
</tr>
<tr>
<td>T-407</td>
<td>BRAT® 407 Operation and Maintenance Training</td>
</tr>
<tr>
<td>T-RF407BJ</td>
<td>BRAT® RF407BJ (JTIDS BRAT®) Operation Training</td>
</tr>
<tr>
<td>V-303C</td>
<td>BRAT® 303C Operation and Maintenance Training</td>
</tr>
<tr>
<td>V-305B</td>
<td>BRAT® 305B Operation and Maintenance Training</td>
</tr>
<tr>
<td>V-RF305BJ</td>
<td>BRAT® RF305BJ Operation Training</td>
</tr>
<tr>
<td>V-307</td>
<td>BRAT® 307 Operation and Maintenance Training</td>
</tr>
<tr>
<td>V-RF307BJ</td>
<td>BRAT® RF307BJ (JTIDS BRAT®) Operation Training</td>
</tr>
<tr>
<td>V-511B</td>
<td>BRAT® 511 Operation and Maintenance Training</td>
</tr>
<tr>
<td>V-500B</td>
<td>BRAT® 500 Operation and Maintenance Training</td>
</tr>
<tr>
<td>AT-105</td>
<td>Advanced Training - BRAT® 105 Maintenance (up to 5 students)</td>
</tr>
<tr>
<td>AT-305B</td>
<td>Advanced Training - BRAT® 305B Maintenance (up to 5 students)</td>
</tr>
<tr>
<td>AT-405</td>
<td>Advanced Operation and Maintenance Training (up to 5 students)</td>
</tr>
</tbody>
</table>

**Contractor Support**

**Complete System Support**

Support of all equipment and software for the BRAT® Test System, including on-site visits as needed.

**Self Test Kits**

- 94100264-10 Self Test VXI Kit - Includes cables and case
- 94100264-30 Self Test RF Kit - Includes cables and case
- 94100264-70 Self Test RF Kit without Microwave Network Analyzer Calibration Kit - Includes cables and case
- 94101102-10 Self Test JSTARS Kit - Includes cables and case
- 94100258-10 Self Test VXI Case - Case only
- 94100258-30 Self Test RF Case - Case only

**Data Packages**

The Logistic Data Package (LDP) is a customized technical data package used to support an end item and consists of available data for performing end item training or maintenance. The LDP may include engineering support data, flow charts, ITA assembly drawings, parts lists, illustrations, technical data sheets, test procedures, test data, wiring lists, and schematics. This group consists of five levels ranging from Complexity 1 to Complexity 5, with level 5 the most complex.

- LDP-1 Logistic Data Package - Complexity 1
- LDP-2 Logistic Data Package - Complexity 2
- LDP-3 Logistic Data Package - Complexity 3
- LDP-4 Logistic Data Package - Complexity 4
- LDP-5 Logistic Data Package - Complexity 5

**Documentation**

- PNC-CAL-DOC-ASSY Phase Noise Calibrator Repair Documentation to Assembly/Module Level
- PNC-CAL-DOC-COMPONENT Phase Noise Calibrator Repair Documentation to Piece-Part Level

**Reports**

This group consists of six minor and six major levels, each ranging from Complexity 0 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: Report (Minor) - Complexity 3.0 to 3.9

**Technical Orders**

This group consists of eleven levels ranging from Complexity 0 to Complexity 10, with level 10 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: Technical Orders - Complexity 1.0 to 1.9

**Technical Order Changes**

This group consists of eleven levels ranging from Complexity 0 to Complexity 10, with level 10 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: Technical Manual Change Pages or Supplements - Complexity 5.0 to 5.9

**Technical Studies**

This group consists of six levels ranging from Complexity 0 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: Technical Studies - Complexity 3.0 to 3.9

**Microelectronics Simulation Analysis for TPS Development**

Terms and Conditions Apply (Refer to Appendix B)

This group consists of ten levels ranging from Complexity 0 to Complexity 9, with level 9 the most complex. Within each complexity, nine additional subcomplexity levels exist.

Example: Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 5.0 to 5.9

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - Test Program Sets (TPS)

Terms and Conditions Apply (Refer to Appendix B)

TPS Development
Each grouping may consist of 15 levels of development ranging from Complexity 0 to Complexity 14, with level 14 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: RF TPS Development - LRU - Complexity 4.0 to 4.9

SRUs
1) Analog TPS Development
2) Digital TPS Development
3) Electro Optic TPS Development
4) Analog/Digital Hybrid TPS Development
5) RF TPS Development
6) Upgrade TBASIC® to TBASIC®
7) Rehost Analog TPS Development
8) Rehost Digital TPS Development
9) Rehost Analog/Digital Hybrid TPS Development
10) Rehost RF TPS Development

LRUs
1) Analog TPS Development
2) Digital TPS Development
3) Electro Optic TPS Development
4) Analog/Digital Hybrid TPS Development
5) RF TPS Development
6) Upgrade TBASIC® to TBASIC®
7) Rehost Analog TPS Development
8) Rehost Digital TPS Development
9) Rehost Analog/Digital Hybrid TPS Development
10) Rehost RF TPS Development

TPS Updates - Minor - SRUs
1) Analog TPS Updates for TPS Obsolescence Mitigation
2) Digital TPS Updates for TPS Obsolescence Mitigation
3) Electro Optic TPS Updates for TPS Obsolescence Mitigation
4) Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation
5) RF TPS Updates for TPS Obsolescence Mitigation

TPS Updates - Minor - LRUs
1) Analog TPS Updates for TPS Obsolescence Mitigation
2) Digital TPS Updates for TPS Obsolescence Mitigation
3) Electro Optic TPS Updates for TPS Obsolescence Mitigation
4) Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation
5) RF TPS Updates for TPS Obsolescence Mitigation

SRU ITAs
1) Analog TPS Development
2) Digital TPS Development
3) Electro Optic TPS Development
4) Analog/Digital Hybrid TPS Development
5) RF TPS Development

LRU ITAs
1) Analog TPS Development
2) Digital TPS Development
3) Electro Optic TPS Development
4) Analog/Digital Hybrid TPS Development
5) RF TPS Development

Complex Rollup ITAs
1) Digital Complex Rollup
2) Electro Optic Complex Rollup
3) Analog/Digital Hybrid Complex Rollup
4) RF Complex Rollup

Variant TPS Development
This group consists of 11 levels of development ranging from Complexity 0 to Complexity 10, with level 10 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: Variant TPS Development - Complexity 1.0 to 1.9

Very Complex ITA Enhancements
The Very Complex ITA Enhancements consist of five levels ranging from Complexity 1 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: Very Complex ITA Enhancement - Complexity 1.0 to 1.9

Holding Fixtures for LRU/SRU
Contact ATTI for a description of Complexity Levels.

99103985-10
CSU (Central Switching Unit) ITA Upgraded Cable Set

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
Products - Ancillary Equipment

Ancillary Equipment is used in support of LRU and SRU ITAs, and ATE equipment.

This group consists of nine levels of equipment ranging from Complexity 1 to Complexity 9, with level 9 the most complex. Within each complexity, nine additional subcomplexity levels exist. Example: Ancillary Equipment - Complexity 1.0 to 1.9

Products - Test Program Modules

TP End to End Functional Test Modules
The BRAT® Test Program developed will provide functional validation of an assembly based on customer supplied documentation. This does not include hardware (e.g., Interface Test Adaptors), documentation (e.g., technical orders), travel or travel related per diem, or site verification test or installation. Call to establish your TPM category.

1210TPFT TP End to End Functional Test Module (SRU Minor)
1211TPFT TP End to End Functional Test Module (SRU Medium)
1212TPFT TP End to End Functional Test Module (SRU Major)
1213TPFT TP End to End Functional Test Module (LRU Minor)
1214TPFT TP End to End Functional Test Module (LRU Medium)
1215TPFT TP End to End Functional Test Module (LRU Major)

TP Diagnostic Test Modules
The BRAT® Test Program developed will add diagnostics to a TP End to End Functional Test Module based on customer supplied documentation. This does not include hardware (e.g., Interface Test Adaptors), documentation (e.g., technical orders), travel or travel related per diem, or site verification test or installation. Call to establish your TPM category.

1290TPDT TP Diagnostic Test Module (SRU Minor)
1291TPDT TP Diagnostic Test Module (SRU Medium)
1292TPDT TP Diagnostic Test Module (SRU Major)
1293TPDT TP Diagnostic Test Module (LRU Minor)
1294TPDT TP Diagnostic Test Module (LRU Medium)
1295TPDT TP Diagnostic Test Module (LRU Major)

TP Support Hardware Modules
The BRAT® Test Program support hardware will provide the physical elements necessary to interconnect the unit to be tested to the BRAT® test station. This does not include documentation (e.g., technical orders), travel or travel related per diem, or site verification test or installation. Call to establish your TPM category.

1230TPSH TP Support Hardware Module (SRU Minor)
1231TPSH TP Support Hardware Module (SRU Medium)
1232TPSH TP Support Hardware Module (SRU Major)
1233TPSH TP Support Hardware Module (LRU Minor)
1234TPSH TP Support Hardware Module (LRU Medium)
1235TPSH TP Support Hardware Module (LRU Major)

TP Support Documentation Modules
The BRAT® Test Program documentation developed will support the use and sustainment for the maintenance of the item tested and/or repaired based on best commercial practice or customer supplied requirements. This does not include hardware (e.g., Interface Test Adaptors), travel or travel related per diem, or site verification test or installation. Call to establish your TPM category.

1240TPSD TP Support Documentation Module (SRU Minor)
1241TPSD TP Support Documentation Module (SRU Medium)
1242TPSD TP Support Documentation Module (SRU Major)
1243TPSD TP Support Documentation Module (LRU Minor)
1244TPSD TP Support Documentation Module (LRU Medium)
1245TPSD TP Support Documentation Module (LRU Major)

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
The categories listed for ATTI will provide support in management and engineering services. This support will include Electrical, Mechanical, and Software Engineering disciplines and Analyst, Technician, Publications, Illustration, Quality, Purchasing, and Administrative program functions.

This support will provide management, engineering, and technical activities concerned with requirements, design, and supplying and maintaining resources for the single-source capability to support objectives, plans, and operations.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPM-101</td>
<td>Senior Program Manager</td>
</tr>
<tr>
<td>PM-102</td>
<td>Program Manager</td>
</tr>
<tr>
<td>PE-201</td>
<td>Project Engineer</td>
</tr>
<tr>
<td>SRE-202</td>
<td>Senior Project Engineer</td>
</tr>
<tr>
<td>PEE-301</td>
<td>Project Electrical Engineer</td>
</tr>
<tr>
<td>SEE-309</td>
<td>Senior Electrical Engineer</td>
</tr>
<tr>
<td>EE-303</td>
<td>Electrical Engineer</td>
</tr>
<tr>
<td>JEE-304</td>
<td>Junior Electrical Engineer</td>
</tr>
<tr>
<td>PME-401</td>
<td>Project Mechanical Engineer</td>
</tr>
<tr>
<td>SME-402</td>
<td>Senior Mechanical Engineer</td>
</tr>
<tr>
<td>ME-403</td>
<td>Mechanical Engineer</td>
</tr>
<tr>
<td>JME-404</td>
<td>Junior Mechanical Engineer</td>
</tr>
<tr>
<td>PSE-501</td>
<td>Project Software Engineer</td>
</tr>
<tr>
<td>SSE-502</td>
<td>Senior Software Engineer</td>
</tr>
<tr>
<td>SE-503</td>
<td>Software Engineer</td>
</tr>
<tr>
<td>JSE-504</td>
<td>Junior Software Engineer</td>
</tr>
<tr>
<td>PA-601</td>
<td>Project Analyst</td>
</tr>
<tr>
<td>SA-602</td>
<td>Senior Analyst</td>
</tr>
<tr>
<td>A-603</td>
<td>Analyst</td>
</tr>
<tr>
<td>JA-604</td>
<td>Junior Analyst</td>
</tr>
<tr>
<td>PT-701</td>
<td>Project Technician</td>
</tr>
<tr>
<td>ST-702</td>
<td>Senior Technician</td>
</tr>
<tr>
<td>T-703</td>
<td>Technician</td>
</tr>
<tr>
<td>JT-704</td>
<td>Junior Technician</td>
</tr>
<tr>
<td>PPS-801</td>
<td>Project Publication Specialist</td>
</tr>
<tr>
<td>SPS-802</td>
<td>Senior Publication Specialist</td>
</tr>
<tr>
<td>PS-803</td>
<td>Publication Specialist</td>
</tr>
<tr>
<td>JPS-804</td>
<td>Junior Publication Specialist</td>
</tr>
<tr>
<td>PQM-901</td>
<td>Project Quality Manager</td>
</tr>
<tr>
<td>QM-902</td>
<td>Quality Manager</td>
</tr>
<tr>
<td>QS-903</td>
<td>Quality Specialist</td>
</tr>
<tr>
<td>QA-904</td>
<td>Quality Assurance</td>
</tr>
<tr>
<td>AA-1001</td>
<td>Administrative Assistant</td>
</tr>
<tr>
<td>PURCH-1002</td>
<td>Purchasing</td>
</tr>
<tr>
<td>ILLUS-1003</td>
<td>Illustrator/Writer</td>
</tr>
<tr>
<td>SEC-1004</td>
<td>Secretary</td>
</tr>
<tr>
<td>TT-1005</td>
<td>Technical Typist</td>
</tr>
<tr>
<td>JT-1006</td>
<td>Junior Typist</td>
</tr>
</tbody>
</table>

For prices, please refer to price list enclosed with catalog or call to have latest price list faxed or mailed to you.
ATTI Company Profile

The corporation:
- has designed, developed, and manufactured ATE since 1987
- has delivered and supported many test systems in both the commercial and military sectors
- is an innovator in developing and implementing VXI technology solutions
- has developed over one thousand Test Program Sets, covering the test spectrum from simple to extremely complex
- has numerous satisfied customers, including:
  - Agusta, Italy
  - Boeing
  - Esdas, Turkey
  - Havelsan, Turkey
  - Hellenic Air Force
  - Japanese Air Force
  - KLM Royal Dutch Airlines
  - Lockheed Martin
  - NATO
  - Northrop Grumman
  - Palomar Products, Inc.
  - Royal Saudi Air Force
  - US Air Force
  - US Navy

ATTI Worldwide Support

The corporation:
- has developed Obsolescence Mitigation Replacement (OMR) technology which represents ATTI’s corporate commitment to customer use and TPS investment in our test systems
- has delivered BRAT® test systems worldwide
- offers one of the most experienced service, training, and support teams in the world
- has worked with our customers solving diverse test challenges in digital, analog, and RF applications
- is committed to total hardware and software support including service, spares, upgrades, documentation, training, and configuration control
- has the financial efficacy to guarantee long-term commitments

ATTI Offices

Corporate Headquarters
110 Ricefield Lane, Hauppauge, NY 11788 - phone: (631) 231-8777, 1-800-ATTI-VXI, fax: (631) 231-7174
http://www.attinet.com, e-mail: atti@attinet.com

Field Offices
Warner Robins, GA 127 Osigian Blvd., Warner Robins, GA 31088 - phone: (478) 953-6356, fax: (478) 953-6494
Oklahoma City, OK 3000 Tower Drive, Suite 550, Oklahoma City, OK 73115 - phone: (405) 670-0384, fax: (405) 670-0388
Layton, UT 347 West Gordon Avenue, Suite 3, Layton, UT 84041 - phone: (801) 546-5339, fax: (801) 546-5280

ATTI is an Equal Opportunity Employer
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>000001</td>
<td>Devel. Software</td>
<td>TCASE® Development System</td>
<td>101</td>
</tr>
<tr>
<td>000010</td>
<td>Runtime Software</td>
<td>TCASE® Runtime System</td>
<td>103</td>
</tr>
<tr>
<td>00002</td>
<td>Devel. Software</td>
<td>TestExec</td>
<td>101</td>
</tr>
<tr>
<td>000082</td>
<td>Runtime Software</td>
<td>TestExec</td>
<td>103</td>
</tr>
<tr>
<td>00002004-30</td>
<td>Auxiliary</td>
<td>Monitor Assembly</td>
<td>97</td>
</tr>
<tr>
<td>00002051-10</td>
<td>Cables-Com4</td>
<td>Emergency Stop Cable Assembly</td>
<td>134</td>
</tr>
<tr>
<td>00002299-01</td>
<td>Equipment</td>
<td>VSWR Adjustable Waveguide</td>
<td>89</td>
</tr>
<tr>
<td>00002412-03</td>
<td>IEEE-488</td>
<td>Electronic Load</td>
<td>84</td>
</tr>
<tr>
<td>00002602-10</td>
<td>Cables-Com2</td>
<td>RF Detector Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>00003</td>
<td>Devel. Software</td>
<td>TBASIC®</td>
<td>101</td>
</tr>
<tr>
<td>00003RT</td>
<td>Runtime Software</td>
<td>TBASIC®</td>
<td>103</td>
</tr>
<tr>
<td>00004</td>
<td>Devel. Software</td>
<td>PROLIN - Program Language Translator Case Tool</td>
<td>101</td>
</tr>
<tr>
<td>00004RT</td>
<td>Runtime Software</td>
<td>PROLIN - Program Language Translator Case Tool</td>
<td>103</td>
</tr>
<tr>
<td>00005</td>
<td>Devel. Software</td>
<td>BRAT® Level Access Manager (BLAM)</td>
<td>101</td>
</tr>
<tr>
<td>00006</td>
<td>Devel. Software</td>
<td>BRAT® Logistics Tool (BLT), single-user version</td>
<td>101</td>
</tr>
<tr>
<td>00007</td>
<td>Devel. Software</td>
<td>BRAT® Logistics Tool (BLT), network version (five users)</td>
<td>101</td>
</tr>
<tr>
<td>000071002-10</td>
<td>Pneumatic</td>
<td>Valve Driver CCA</td>
<td>99</td>
</tr>
<tr>
<td>000071006-10</td>
<td>Pneumatic</td>
<td>Actuator Driver CCA</td>
<td>99</td>
</tr>
<tr>
<td>01000500-01</td>
<td>Comm/Nav</td>
<td>Dual-Channel Satellite Simulator</td>
<td>94</td>
</tr>
<tr>
<td>01000501-01</td>
<td>Comm/Nav</td>
<td>Signal Generator</td>
<td>94</td>
</tr>
<tr>
<td>01000502-01</td>
<td>Comm/Nav</td>
<td>Navigation Support Instrument</td>
<td>94</td>
</tr>
<tr>
<td>01000503-01</td>
<td>Comm/Nav</td>
<td>Audio Demodulator (Spectrum Analyzer)</td>
<td>94</td>
</tr>
<tr>
<td>01000503-03</td>
<td>Comm/Nav</td>
<td>Audio Demodulator (Accessory Module)</td>
<td>94</td>
</tr>
<tr>
<td>01000511-01</td>
<td>IEEE-488</td>
<td>Modulation Meter</td>
<td>84</td>
</tr>
<tr>
<td>01000513-01</td>
<td>IEEE-488</td>
<td>Audio Analyzer</td>
<td>84</td>
</tr>
<tr>
<td>01000514-01</td>
<td>IEEE-488</td>
<td>Signal Generator</td>
<td>84</td>
</tr>
<tr>
<td>01000515-01</td>
<td>IEEE-488</td>
<td>Fast Switching Signal Generator</td>
<td>84</td>
</tr>
<tr>
<td>01000516-10</td>
<td>RFIU</td>
<td>Source/Conditioner Module</td>
<td>89</td>
</tr>
<tr>
<td>02000109-10</td>
<td>Cables-Com4</td>
<td>Remote ON/OFF Cable</td>
<td>134</td>
</tr>
<tr>
<td>02000113-10</td>
<td>Cables-Com3</td>
<td>Peak Power and Frequency Cable</td>
<td>133</td>
</tr>
<tr>
<td>02000114-10</td>
<td>Cables-Com9</td>
<td>Digital Interconnect Cable</td>
<td>131</td>
</tr>
<tr>
<td>02000116-10</td>
<td>Cables-Com9</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000117-10</td>
<td>Cables-Com9</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000117-30</td>
<td>Cables-Com9</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000117-50</td>
<td>Cables-Com9</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000117-70</td>
<td>Cables-Com9</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000119-10</td>
<td>Cables-Com4</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000119-30</td>
<td>Cables-Com4</td>
<td>Cable Assembly</td>
<td>134</td>
</tr>
<tr>
<td>02000120-10</td>
<td>Cables-Com4</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000121-10</td>
<td>Cables-Com4</td>
<td>Cable Assembly</td>
<td>134</td>
</tr>
<tr>
<td>02000122-10</td>
<td>Cables-Com2</td>
<td>Cable Assembly</td>
<td>134</td>
</tr>
<tr>
<td>02000123-10</td>
<td>Cables-Com2</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000124-10</td>
<td>Cables-Com2</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000125-10</td>
<td>Cables-Com2</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000129-10</td>
<td>Cables-Com2</td>
<td>Power Cable</td>
<td>131</td>
</tr>
<tr>
<td>02000133-10</td>
<td>Cables-Com1</td>
<td>Isolated GPIB Expander Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02000134-10</td>
<td>Cables-Com3</td>
<td>Power Cable</td>
<td>133</td>
</tr>
<tr>
<td>02000136-01</td>
<td>IEEE-488</td>
<td>RF Pulse Amplifier</td>
<td>84</td>
</tr>
<tr>
<td>02000136-03</td>
<td>IEEE-488</td>
<td>Upgraded RF Pulse Amplifier</td>
<td>84</td>
</tr>
<tr>
<td>02000141-10</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>02000259-01</td>
<td>IEEE-488</td>
<td>Programmable DC Electronic Load</td>
<td>84</td>
</tr>
<tr>
<td>02000259-03</td>
<td>IEEE-488</td>
<td>Upgraded Programmable DC Electronic Load</td>
<td>84</td>
</tr>
<tr>
<td>02000108-01</td>
<td>Equipment</td>
<td>Air Data Test Set</td>
<td>89</td>
</tr>
<tr>
<td>02000110-01</td>
<td>Common Parts</td>
<td>Female Pipe Coupler</td>
<td>93</td>
</tr>
<tr>
<td>02000114-01</td>
<td>Common Parts</td>
<td>Coupler Protector</td>
<td>93</td>
</tr>
<tr>
<td>02000116-01</td>
<td>Common Parts</td>
<td>General Purpose Coupler</td>
<td>93</td>
</tr>
<tr>
<td>02000118-01</td>
<td>Common Parts</td>
<td>Male Bullhead Connector</td>
<td>93</td>
</tr>
<tr>
<td>02000129-01</td>
<td>Common Parts</td>
<td>Filter/Regulator Gauge</td>
<td>93</td>
</tr>
<tr>
<td>02000123-01</td>
<td>Common Parts</td>
<td>Expander/Adapter</td>
<td>93</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------</td>
<td>------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>02200128-01</td>
<td>Auxiliary</td>
<td>Pitot Adapter</td>
<td>97</td>
</tr>
<tr>
<td>02200129-01</td>
<td>Cables-Com2</td>
<td>Vacuum Pump - Modified</td>
<td>131</td>
</tr>
<tr>
<td>02200130-30</td>
<td>Cables-Com1</td>
<td>Compressor - Modified</td>
<td>131</td>
</tr>
<tr>
<td>02200132-30</td>
<td>Cables-Com1</td>
<td>Vacuum Pump - Modified</td>
<td>131</td>
</tr>
<tr>
<td>02200132-50</td>
<td>Cables-Com1</td>
<td>Vacuum Pump - Modified</td>
<td>131</td>
</tr>
<tr>
<td>02200133-01</td>
<td>Cables-Com4</td>
<td>Rack Mount Kit</td>
<td>131</td>
</tr>
<tr>
<td>02200134-01</td>
<td>Auxiliary</td>
<td>1/8 HP Compressor</td>
<td>97</td>
</tr>
<tr>
<td>02200140-01</td>
<td>Common Parts</td>
<td>Filter/Regulator with Gauge</td>
<td>93</td>
</tr>
<tr>
<td>02200207-10</td>
<td>Equipment</td>
<td>Compressor/Vacuum Pump Case Assembly</td>
<td>89</td>
</tr>
<tr>
<td>02200208-10</td>
<td>Cables-Com1</td>
<td>Power Distribution Panel Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200209-10</td>
<td>Cables-Com2</td>
<td>PT Exhaust Pressure Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200210-30</td>
<td>Cables-Com2</td>
<td>PT Exhaust Pressure Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200211-10</td>
<td>Cables-Com2</td>
<td>PT Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200211-30</td>
<td>Cables-Com2</td>
<td>PS Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200211-40</td>
<td>Cables-Com3</td>
<td>Service Access Panel</td>
<td>133</td>
</tr>
<tr>
<td>02200216-01</td>
<td>Cables-Com2</td>
<td>Air Data Test Set Rear Panel</td>
<td>131</td>
</tr>
<tr>
<td>02200217-10</td>
<td>Cables-Com2</td>
<td>Compressor/Vacuum Pump Rear Panel Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200218-10</td>
<td>Cables-Com2</td>
<td>Air Supply Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200219-10</td>
<td>Cables-Com2</td>
<td>Air Data Test Set Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200219-30</td>
<td>Cables-Com2</td>
<td>Air Data Test Set Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200219-50</td>
<td>Cables-Com2</td>
<td>Air Data Test Set Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200219-70</td>
<td>Cables-Com2</td>
<td>Air Data Test Set Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200219-90</td>
<td>Cables-Com2</td>
<td>Air Data Test Set Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200220-10</td>
<td>Cables-Com2</td>
<td>Compressor/Vacuum Pump Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200220-30</td>
<td>Cables-Com2</td>
<td>Compressor/Vacuum Pump Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200220-50</td>
<td>Cables-Com2</td>
<td>Compressor/Vacuum Pump Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Cables-Com2</td>
<td>Compressor/Vacuum Pump Hose Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Auxiliary</td>
<td>Accessory Cable</td>
<td>133</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Auxiliary</td>
<td>Combination HUD Fixture/Alignment Tool</td>
<td>97</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Auxiliary</td>
<td>Light Shroud</td>
<td>97</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Auxiliary</td>
<td>Boresight Bench</td>
<td>97</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Cables-Com3</td>
<td>BNC to BNC Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Auxiliary</td>
<td>9° Black and White Monitor</td>
<td>97</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Equipment</td>
<td>Controller Case Assembly with Controller (BRAT® 514A)</td>
<td>89</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Auxiliary</td>
<td>Transport/Camera Assembly</td>
<td>97</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Cables-Com2</td>
<td>Video Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200221-10</td>
<td>VXI</td>
<td>C-Size VXI Mainframe - 4 Slots</td>
<td>73</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Cables-Com2</td>
<td>Power Input Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Cables-Com2</td>
<td>Boresight Bench (Left)</td>
<td>131</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Cables-Com2</td>
<td>Boresight Bench (Right)</td>
<td>131</td>
</tr>
<tr>
<td>02200221-10</td>
<td>Cables-Com2</td>
<td>Boresight Bench Leg (Center)</td>
<td>131</td>
</tr>
<tr>
<td>02000003-01</td>
<td>RFU</td>
<td>Output Switch Module</td>
<td>82</td>
</tr>
<tr>
<td>02000004-01</td>
<td>Comm/Nav</td>
<td>Measurement Switch Module</td>
<td>94</td>
</tr>
<tr>
<td>02000005-01</td>
<td>Comm/Nav</td>
<td>Noise Figure Meter with Noise Source</td>
<td>94</td>
</tr>
<tr>
<td>03500500-10</td>
<td>Calibrators</td>
<td>Phase Noise Calibrator (BRAT® 303C)</td>
<td>68</td>
</tr>
<tr>
<td>03500500-30</td>
<td>Calibrators</td>
<td>Phase Noise Calibrator (BRAT® 512)</td>
<td>68</td>
</tr>
<tr>
<td>03500500-50</td>
<td>Calibrators</td>
<td>Phase Noise Calibrator (Enhanced BRAT® 303C)</td>
<td>68</td>
</tr>
<tr>
<td>03500500-50</td>
<td>Calibrators</td>
<td>Phase Noise Calibrator (Enhanced BRAT® 303C) Modification</td>
<td>68</td>
</tr>
<tr>
<td>04000040-01</td>
<td>Common Parts</td>
<td>Hardware Kit</td>
<td>93</td>
</tr>
<tr>
<td>04000041-01</td>
<td>Auxiliary</td>
<td>Rack Assembly</td>
<td>97</td>
</tr>
<tr>
<td>04000042-01</td>
<td>Auxiliary</td>
<td>Rack Assembly</td>
<td>97</td>
</tr>
<tr>
<td>04000043-01</td>
<td>Common Parts</td>
<td>Angle Brackets</td>
<td>93</td>
</tr>
<tr>
<td>04000044-01</td>
<td>VXI</td>
<td>Universal Power Meter</td>
<td>73</td>
</tr>
<tr>
<td>04000045-01</td>
<td>IEEE-488</td>
<td>CW Power Sensor</td>
<td>84</td>
</tr>
<tr>
<td>04000046-01</td>
<td>IEEE-488</td>
<td>Peak Power Sensor</td>
<td>84</td>
</tr>
<tr>
<td>04000057-01</td>
<td>Common Parts</td>
<td>Side Panel</td>
<td>93</td>
</tr>
<tr>
<td>04000058-01</td>
<td>Common Parts</td>
<td>Bottom Panel</td>
<td>93</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>----------------</td>
<td>---------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>04000059-01</td>
<td>Common Parts</td>
<td>Joining Kit</td>
<td>93</td>
</tr>
<tr>
<td>04000068-01</td>
<td>Cables-Com2</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>04000069-01</td>
<td>Cables-Com2</td>
<td>Cable Assembly</td>
<td>131</td>
</tr>
<tr>
<td>04001970-10</td>
<td>Equipment</td>
<td>Switch Assembly</td>
<td>89</td>
</tr>
<tr>
<td>05001000-10</td>
<td>Equipment</td>
<td>Antenna Mass Simulator</td>
<td>89</td>
</tr>
<tr>
<td>05300003-10</td>
<td>Auxiliary</td>
<td>TACAN Programmed Integrated Circuit</td>
<td>97</td>
</tr>
<tr>
<td>07020001-10</td>
<td>Install/Repairs/Kits</td>
<td>MAP/SAP Replacement Circuit Card</td>
<td>128</td>
</tr>
<tr>
<td>07020002-10</td>
<td>Install/Repairs/Kits</td>
<td>MAP/SAP Front/Panel/Switch Replacement Assembly</td>
<td>128</td>
</tr>
<tr>
<td>07020003-10</td>
<td>Install/Repairs/Kits</td>
<td>MAP/SAP Audio Digital Encoder Replacement Circuit Card</td>
<td>128</td>
</tr>
<tr>
<td>07040025-01</td>
<td>LXI</td>
<td>Portable Oscilloscope</td>
<td>79</td>
</tr>
<tr>
<td>07040035-01</td>
<td>LXI</td>
<td>Power Meter</td>
<td>79</td>
</tr>
<tr>
<td>07040300-10</td>
<td>FEOMR</td>
<td>Synchro/Resolver Simulator and Indicator Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040301-10</td>
<td>FEOMR</td>
<td>High-Accuracy Digital Multimeter Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040302-10</td>
<td>FEOMR</td>
<td>High Speed Digital Oscilloscope Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040303-10</td>
<td>FEOMR</td>
<td>Channel A Waveform Generator Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040304-10</td>
<td>FEOMR</td>
<td>Channel B Waveform Generator Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040305-10</td>
<td>FEOMR</td>
<td>Serial Bus Analyzer/Simulator Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040306-10</td>
<td>FEOMR</td>
<td>PSA Series Spectrum Analyzer with Video Assembly Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040307-10</td>
<td>FEOMR</td>
<td>Power Meter Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040308-10</td>
<td>FEOMR</td>
<td>Channel 1 and Channel 2 RF Source Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040310-10</td>
<td>FEOMR</td>
<td>Channel 3 RF Source Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040311-10</td>
<td>FEOMR</td>
<td>Microwave Network Analyzer Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040312-10</td>
<td>FEOMR</td>
<td>RF Interface Unit (RFIU) Mainframe Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040313-10</td>
<td>FEOMR</td>
<td>RF Controller (RF Deck) Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040313-30</td>
<td>FEOMR</td>
<td>RF Controller (Phase Noise) Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040314-10</td>
<td>FEOMR</td>
<td>RF Measurement #1 Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040315-10</td>
<td>FEOMR</td>
<td>RF Converter Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040316-10</td>
<td>FEOMR</td>
<td>RF Output Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040317-10</td>
<td>FEOMR</td>
<td>Phase Noise Measurement Module (Enhanced) Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040318-10</td>
<td>FEOMR</td>
<td>Rack Mount Computer Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040319-10</td>
<td>FEOMR</td>
<td>DC Power Supply Frame Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040320-10</td>
<td>FEOMR</td>
<td>Channel 1 and Channel 2 Module for DC Power Supply Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040321-10</td>
<td>FEOMR</td>
<td>Channel 3 and Channel 4 Module for DC Power Supply Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040322-10</td>
<td>FEOMR</td>
<td>Channel 5 and Channel 6 Module for DC Power Supply Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040323-10</td>
<td>FEOMR</td>
<td>Channel 7 Module for DC Power Supply Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040324-10</td>
<td>FEOMR</td>
<td>Channel 8 Module for DC Power Supply Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040325-10</td>
<td>FEOMR</td>
<td>Programmable Electronic Load Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040327-10</td>
<td>FEOMR</td>
<td>10 MHz Distribution Unit Assembly with Reference Oscillator Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040328-10</td>
<td>FEOMR</td>
<td>Auxiliary RF Signal Processor/Matrix Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040329-10</td>
<td>FEOMR</td>
<td>DC Power Supply Load Frame Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040330-10</td>
<td>FEOMR</td>
<td>Timing Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040331-10</td>
<td>FEOMR</td>
<td>Pattern I/O Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040332-10</td>
<td>FEOMR</td>
<td>Terminating Pattern I/O Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040333-10</td>
<td>FEOMR</td>
<td>Quad Latch Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040334-10</td>
<td>FEOMR</td>
<td>64-Channel Multiplexer Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040335-10</td>
<td>FEOMR</td>
<td>RF Multiplexer Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040336-10</td>
<td>FEOMR</td>
<td>Universal Counter Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040337-10</td>
<td>FEOMR</td>
<td>Arbitrary Function Generator Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040338-10</td>
<td>FEOMR</td>
<td>Stimulus Measurement Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040339-10</td>
<td>FEOMR</td>
<td>Command Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040340-10</td>
<td>FEOMR</td>
<td>Three-Phase AC Power Supply Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040341-10</td>
<td>FEOMR</td>
<td>Form C Switch Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040342-10</td>
<td>FEOMR</td>
<td>1553 Bus Analyzer Module Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040343-10</td>
<td>FEOMR</td>
<td>300 Series RF Rack Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040344-10</td>
<td>FEOMR</td>
<td>300 Series Stimulus Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040345-10</td>
<td>FEOMR</td>
<td>300 Series Measurement Obsolescence Mitigation Replacement</td>
<td>100</td>
</tr>
<tr>
<td>07040700-10</td>
<td>Install/Repairs/Kits</td>
<td>Phase Noise Cable Set Kit</td>
<td>128</td>
</tr>
<tr>
<td>08010009-10</td>
<td>Equipment</td>
<td>Liquid Cooling System</td>
<td>89</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>---------------</td>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>08020001-01</td>
<td>IEEE-488</td>
<td>RF Generator #1 (Modified/Refurbished)</td>
<td>99</td>
</tr>
<tr>
<td>08020002-01</td>
<td>IEEE-488</td>
<td>Signal Analyzer (CNTS) (Modified/Refurbished)</td>
<td>99</td>
</tr>
<tr>
<td>08020003-01</td>
<td>IEEE-488</td>
<td>RF Generator #1</td>
<td>84</td>
</tr>
<tr>
<td>08020004-01</td>
<td>IEEE-488</td>
<td>Signal Analyzer (CNTS)</td>
<td>84</td>
</tr>
<tr>
<td>08020005-01</td>
<td>VXI</td>
<td>Bus Simulator</td>
<td>73</td>
</tr>
<tr>
<td>08020006-01</td>
<td>VXI</td>
<td>Counter/Timer/Digitizer</td>
<td>73</td>
</tr>
<tr>
<td>08020007-01</td>
<td>VXI</td>
<td>High Density (TTL-I/O) Card</td>
<td>73</td>
</tr>
<tr>
<td>08020008-01</td>
<td>VXI</td>
<td>Arbitrary Function Generator</td>
<td>73</td>
</tr>
<tr>
<td>08020009-01</td>
<td>VXI</td>
<td>Signal Distribution System</td>
<td>73</td>
</tr>
<tr>
<td>08020010-01</td>
<td>VXI</td>
<td>Form C Relay Card</td>
<td>73</td>
</tr>
<tr>
<td>08020011-01</td>
<td>IEEE-488</td>
<td>DC Power Supply</td>
<td>84</td>
</tr>
<tr>
<td>08020012-01</td>
<td>IEEE-488</td>
<td>AC Power Supply</td>
<td>85</td>
</tr>
<tr>
<td>08020013-01</td>
<td>IEEE-488</td>
<td>High Voltage DC Power Supply</td>
<td>85</td>
</tr>
<tr>
<td>08020014-01</td>
<td>IEEE-488</td>
<td>Spectrum Analyzer</td>
<td>85</td>
</tr>
<tr>
<td>08020014-03</td>
<td>IEEE-488</td>
<td>Spectrum Analyzer (Modified/Refurbished)</td>
<td>99</td>
</tr>
<tr>
<td>08020015-01</td>
<td>VXI</td>
<td>Scanner Multiplexer</td>
<td>73</td>
</tr>
<tr>
<td>08020016-01</td>
<td>VXI</td>
<td>Power Meter</td>
<td>73</td>
</tr>
<tr>
<td>08020017-01</td>
<td>VXI</td>
<td>High Speed DWG</td>
<td>73</td>
</tr>
<tr>
<td>08020018-01</td>
<td>VXI</td>
<td>RF Generator #2 (Modified/Refurbished)</td>
<td>99</td>
</tr>
<tr>
<td>08020019-01</td>
<td>VXI</td>
<td>RF Generator #2</td>
<td>73</td>
</tr>
<tr>
<td>08020020-01</td>
<td>VXI</td>
<td>RF Counter (Modified/Refurbished)</td>
<td>99</td>
</tr>
<tr>
<td>08020021-01</td>
<td>VXI</td>
<td>RF Counter</td>
<td>73</td>
</tr>
<tr>
<td>08020022-01</td>
<td>VXI</td>
<td>DAC Card</td>
<td>73</td>
</tr>
<tr>
<td>08020023-01</td>
<td>VXI</td>
<td>Synchron/Resolver</td>
<td>74</td>
</tr>
<tr>
<td>08020100-10</td>
<td>VXI</td>
<td>Advanced Video System</td>
<td>74</td>
</tr>
<tr>
<td>08020101-10</td>
<td>VXI</td>
<td>H009</td>
<td>74</td>
</tr>
<tr>
<td>08020102-10</td>
<td>VXI</td>
<td>Auxiliary Power Control Unit</td>
<td>97</td>
</tr>
<tr>
<td>08020103-10</td>
<td>VXI</td>
<td>Rubidium Reference</td>
<td>74</td>
</tr>
<tr>
<td>08020104-10</td>
<td>VXI</td>
<td>Digital Multimeter</td>
<td>74</td>
</tr>
<tr>
<td>09010001-10</td>
<td>PXI</td>
<td>Dual Programmable DC Source - 30 W</td>
<td>79</td>
</tr>
<tr>
<td>09010002-10</td>
<td>PXI</td>
<td>Custom DC Controller - Programmable</td>
<td>79</td>
</tr>
<tr>
<td>09010003-10</td>
<td>PXI</td>
<td>Custom DC Slave - 24 V</td>
<td>79</td>
</tr>
<tr>
<td>09010004-10</td>
<td>PXI</td>
<td>Custom DC Slave - 24 V</td>
<td>79</td>
</tr>
<tr>
<td>09010005-10</td>
<td>PXI</td>
<td>Custom DC Slave - US00490</td>
<td>79</td>
</tr>
<tr>
<td>10HCATS</td>
<td>Devel.</td>
<td>Development Software for HCATS, including computer</td>
<td>101</td>
</tr>
<tr>
<td>10101</td>
<td>Devel.</td>
<td>Development Software for BRAT® B101, including computer</td>
<td>101</td>
</tr>
<tr>
<td>10103</td>
<td>Devel.</td>
<td>Development Software for BRAT® B103, including computer</td>
<td>101</td>
</tr>
<tr>
<td>10105</td>
<td>Devel.</td>
<td>Development Software for BRAT® B105, including computer</td>
<td>101</td>
</tr>
<tr>
<td>10303C</td>
<td>Devel.</td>
<td>Development Software for BRAT® B303C, including computer</td>
<td>101</td>
</tr>
<tr>
<td>10305B</td>
<td>Devel.</td>
<td>Development Software for BRAT® B305B, including computer</td>
<td>101</td>
</tr>
<tr>
<td>10306</td>
<td>Devel.</td>
<td>Development Software for BRAT® B306, including computer</td>
<td>101</td>
</tr>
<tr>
<td>10307</td>
<td>Devel.</td>
<td>Development Software for BRAT® 307, including computer</td>
<td>101</td>
</tr>
<tr>
<td>10308</td>
<td>Devel.</td>
<td>Development Software for BRAT® 308, including computer</td>
<td>101</td>
</tr>
<tr>
<td>10504</td>
<td>Devel.</td>
<td>Development Software for BRAT® Option B504, including computer</td>
<td>101</td>
</tr>
<tr>
<td>107-C</td>
<td>Systems</td>
<td>BRAT® 107-C Test System</td>
<td>47</td>
</tr>
<tr>
<td>107B</td>
<td>Systems</td>
<td>BRAT® 107B Test System</td>
<td>44</td>
</tr>
<tr>
<td>11HCATS</td>
<td>Devel.</td>
<td>Development Software for HCATS</td>
<td>101</td>
</tr>
<tr>
<td>11067</td>
<td>Devel.</td>
<td>Development Software for BRAT® 67</td>
<td>101</td>
</tr>
<tr>
<td>11067/100</td>
<td>Devel.</td>
<td>Development Software for BRAT® 67 Option 100</td>
<td>101</td>
</tr>
<tr>
<td>11067/100RT</td>
<td>Runtime</td>
<td>Runtime Software for BRAT® 67 Option 100</td>
<td>103</td>
</tr>
<tr>
<td>11067RT</td>
<td>Runtime</td>
<td>Runtime Software for BRAT® 67</td>
<td>103</td>
</tr>
<tr>
<td>11070</td>
<td>Devel.</td>
<td>Development Software for BRAT® 70</td>
<td>101</td>
</tr>
<tr>
<td>11070RT</td>
<td>Runtime</td>
<td>Runtime Software for BRAT® 70</td>
<td>103</td>
</tr>
<tr>
<td>11101</td>
<td>Devel.</td>
<td>Development Software for BRAT® B101</td>
<td>101</td>
</tr>
<tr>
<td>11101M</td>
<td>Devel.</td>
<td>Development Software for BRAT® Option B201M</td>
<td>101</td>
</tr>
<tr>
<td>11101MRT</td>
<td>Runtime</td>
<td>Runtime Software for BRAT® Option B201M</td>
<td>103</td>
</tr>
<tr>
<td>11101RT</td>
<td>Runtime</td>
<td>Runtime Software for BRAT® B101</td>
<td>103</td>
</tr>
<tr>
<td>11109RF-U</td>
<td>Software</td>
<td>VME RF, Version 2.0 (RF only)</td>
<td>106</td>
</tr>
<tr>
<td>11103</td>
<td>Devel.</td>
<td>Development Software for BRAT® B103</td>
<td>101</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>------------</td>
<td>------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>11103RT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® B103</td>
<td>103</td>
</tr>
<tr>
<td>11105</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® B105</td>
<td>101</td>
</tr>
<tr>
<td>11105RT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® B105</td>
<td>103</td>
</tr>
<tr>
<td>11105RT-U</td>
<td>Software Upgrades</td>
<td>Runtime Software for BRAT® B105, Version 2.0</td>
<td>106</td>
</tr>
<tr>
<td>11303C</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® B303C</td>
<td>101</td>
</tr>
<tr>
<td>11303RT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® B303C</td>
<td>103</td>
</tr>
<tr>
<td>11305B</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® B305B</td>
<td>101</td>
</tr>
<tr>
<td>11305BJ</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® 305BJ - JTIDS</td>
<td>101</td>
</tr>
<tr>
<td>11305BJRT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® 305BJ - JTIDS</td>
<td>103</td>
</tr>
<tr>
<td>11305RT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® B305B</td>
<td>103</td>
</tr>
<tr>
<td>11306</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® B306</td>
<td>101</td>
</tr>
<tr>
<td>11306-U</td>
<td>Software Upgrades</td>
<td>Development Software for BRAT® B306, Version 2.0</td>
<td>106</td>
</tr>
<tr>
<td>11307</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® B307</td>
<td>103</td>
</tr>
<tr>
<td>11307BJ</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® RF307BJ - JTIDS</td>
<td>101</td>
</tr>
<tr>
<td>11308</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® 308</td>
<td>101</td>
</tr>
<tr>
<td>11406</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® R406</td>
<td>101</td>
</tr>
<tr>
<td>11504</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B504</td>
<td>101</td>
</tr>
<tr>
<td>11504RT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® Option B504</td>
<td>103</td>
</tr>
<tr>
<td>11504/100</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B504 Option 100</td>
<td>101</td>
</tr>
<tr>
<td>11504/100RT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® Option B504 Option 100</td>
<td>103</td>
</tr>
<tr>
<td>11504/500</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B504 Option 500</td>
<td>101</td>
</tr>
<tr>
<td>11504/500RT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® Option B504 Option 500</td>
<td>103</td>
</tr>
<tr>
<td>11507</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B507</td>
<td>101</td>
</tr>
<tr>
<td>11507RT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® Option B507</td>
<td>103</td>
</tr>
<tr>
<td>11511</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B511</td>
<td>101</td>
</tr>
<tr>
<td>11512A</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B512</td>
<td>101</td>
</tr>
<tr>
<td>11512RT</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® Option B512</td>
<td>103</td>
</tr>
<tr>
<td>11514</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B514</td>
<td>101</td>
</tr>
<tr>
<td>11520D</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B520</td>
<td>101</td>
</tr>
<tr>
<td>11520RTN</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® Option B520</td>
<td>103</td>
</tr>
<tr>
<td>11520/100D</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B520-100</td>
<td>101</td>
</tr>
<tr>
<td>11520/100RTN</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® Option B520-100</td>
<td>103</td>
</tr>
<tr>
<td>11520/500D</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B520-500</td>
<td>101</td>
</tr>
<tr>
<td>11520/500RTN</td>
<td>Runtime Software</td>
<td>Runtime Software for BRAT® Option B520-500</td>
<td>103</td>
</tr>
<tr>
<td>11535</td>
<td>Devel. Software</td>
<td>Development Software for BRAT® Option B535</td>
<td>101</td>
</tr>
<tr>
<td>1910TPFT</td>
<td>TP Modules</td>
<td>TP End to End Functional Test Module (SRU Minor)</td>
<td>141</td>
</tr>
<tr>
<td>1911TPFT</td>
<td>TP Modules</td>
<td>TP End to End Functional Test Module (SRU Medium)</td>
<td>141</td>
</tr>
<tr>
<td>1912TPFT</td>
<td>TP Modules</td>
<td>TP End to End Functional Test Module (SRU Major)</td>
<td>141</td>
</tr>
<tr>
<td>1913TPFT</td>
<td>TP Modules</td>
<td>TP End to End Functional Test Module (LRU Minor)</td>
<td>141</td>
</tr>
<tr>
<td>1914TPFT</td>
<td>TP Modules</td>
<td>TP End to End Functional Test Module (LRU Medium)</td>
<td>141</td>
</tr>
<tr>
<td>1915TPFT</td>
<td>TP Modules</td>
<td>TP End to End Functional Test Module (LRU Major)</td>
<td>141</td>
</tr>
<tr>
<td>1920TPOT</td>
<td>TP Modules</td>
<td>TP Diagnostic Test Module (SRU Minor)</td>
<td>141</td>
</tr>
<tr>
<td>1921TPOT</td>
<td>TP Modules</td>
<td>TP Diagnostic Test Module (SRU Medium)</td>
<td>141</td>
</tr>
<tr>
<td>1922TPOT</td>
<td>TP Modules</td>
<td>TP Diagnostic Test Module (SRU Major)</td>
<td>141</td>
</tr>
<tr>
<td>1923TPOT</td>
<td>TP Modules</td>
<td>TP Diagnostic Test Module (LRU Minor)</td>
<td>141</td>
</tr>
<tr>
<td>1924TPOT</td>
<td>TP Modules</td>
<td>TP Diagnostic Test Module (LRU Medium)</td>
<td>141</td>
</tr>
<tr>
<td>1925TPOT</td>
<td>TP Modules</td>
<td>TP Diagnostic Test Module (LRU Major)</td>
<td>141</td>
</tr>
<tr>
<td>1930TPSH</td>
<td>TP Modules</td>
<td>TP Support Hardware Module (SRU Minor)</td>
<td>141</td>
</tr>
<tr>
<td>19303CRT-U</td>
<td>Software Upgrades</td>
<td>Runtime Software for BRAT® B303C with Option 03/04/05, Version 2.0</td>
<td>106</td>
</tr>
<tr>
<td>19305BRT-U</td>
<td>Software Upgrades</td>
<td>Runtime Software for BRAT® B305B with Option 03/04/05, Version 2.0</td>
<td>106</td>
</tr>
<tr>
<td>19306-U</td>
<td>Software Upgrades</td>
<td>Development Software for BRAT® B306 with Option 03/04/05, Version 2.0</td>
<td>106</td>
</tr>
<tr>
<td>1931TPSH</td>
<td>TP Modules</td>
<td>TP Support Hardware Module (SRU Medium)</td>
<td>141</td>
</tr>
<tr>
<td>1932TPSH</td>
<td>TP Modules</td>
<td>TP Support Hardware Module (SRU Major)</td>
<td>141</td>
</tr>
<tr>
<td>1933TPSH</td>
<td>TP Modules</td>
<td>TP Support Hardware Module (LRU Minor)</td>
<td>141</td>
</tr>
<tr>
<td>1934TPSH</td>
<td>TP Modules</td>
<td>TP Support Hardware Module (LRU Medium)</td>
<td>141</td>
</tr>
<tr>
<td>1935TPSH</td>
<td>TP Modules</td>
<td>TP Support Hardware Module (LRU Major)</td>
<td>141</td>
</tr>
<tr>
<td>1940TPSD</td>
<td>TP Modules</td>
<td>TP Support Documentation Module (SRU Minor)</td>
<td>141</td>
</tr>
<tr>
<td>1941TPSD</td>
<td>TP Modules</td>
<td>TP Support Documentation Module (SRU Medium)</td>
<td>141</td>
</tr>
</tbody>
</table>
## Index

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1242TPSD</td>
<td>TP Modules</td>
<td>TP Support Documentation Module (SRU Major)</td>
<td>141</td>
</tr>
<tr>
<td>1243TPSD</td>
<td>TP Modules</td>
<td>TP Support Documentation Module (LRU Minor)</td>
<td>141</td>
</tr>
<tr>
<td>1244TPSD</td>
<td>TP Modules</td>
<td>TP Support Documentation Module (LRU Medium)</td>
<td>141</td>
</tr>
<tr>
<td>1245TPSD</td>
<td>TP Modules</td>
<td>TP Support Documentation Module (LRU Major)</td>
<td>141</td>
</tr>
<tr>
<td>13000RT</td>
<td>Runtime Software</td>
<td>Runtime Software for RIU Calibrator</td>
<td>103</td>
</tr>
<tr>
<td>14100</td>
<td>Devel. Software</td>
<td>Operating System Boot Disk, Windows™ 3.1</td>
<td>101</td>
</tr>
<tr>
<td>14101</td>
<td>Devel. Software</td>
<td>Operating System Boot Disk, Windows™ 95</td>
<td>101</td>
</tr>
<tr>
<td>15018</td>
<td>Devel. Software</td>
<td>Precision Frequency Reference Instrument Driver (VME)</td>
<td>102</td>
</tr>
<tr>
<td>15018RT</td>
<td>Runtime Software</td>
<td>Precision Frequency Reference Instrument Driver (VME)</td>
<td>104</td>
</tr>
<tr>
<td>15019</td>
<td>Devel. Software</td>
<td>Power Sensor Instrument Driver (VME)</td>
<td>102</td>
</tr>
<tr>
<td>15019RT</td>
<td>Runtime Software</td>
<td>Power Sensor Instrument Driver (VME)</td>
<td>104</td>
</tr>
<tr>
<td>15024</td>
<td>Devel. Software</td>
<td>Microwave Network Analyzer Instrument Driver (VME)</td>
<td>102</td>
</tr>
<tr>
<td>15024RT</td>
<td>Runtime Software</td>
<td>Microwave Network Analyzer Instrument Driver (VME)</td>
<td>104</td>
</tr>
<tr>
<td>15027</td>
<td>Devel. Software</td>
<td>Auxiliary RF Signal Processor/Matix Instrument Driver (VME)</td>
<td>102</td>
</tr>
<tr>
<td>15027RT</td>
<td>Runtime Software</td>
<td>Auxiliary RF Signal Processor/Matix Instrument Driver (VME)</td>
<td>104</td>
</tr>
<tr>
<td>185</td>
<td>Systems</td>
<td>BRAT® 185 Stand-Alone TACAN Test System</td>
<td>55</td>
</tr>
<tr>
<td>20000</td>
<td>Devel. Software</td>
<td>Single-Phase AC Power Supply Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20000RT</td>
<td>Runtime Software</td>
<td>Single-Phase AC Power Supply Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20001</td>
<td>Devel. Software</td>
<td>Three-Phase AC Power Supply Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20001RT</td>
<td>Runtime Software</td>
<td>Three-Phase AC Power Supply Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20002</td>
<td>Devel. Software</td>
<td>DC Power Supply Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20002RT</td>
<td>Runtime Software</td>
<td>DC Power Supply Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20003</td>
<td>Devel. Software</td>
<td>QUAD 8-Bit Latch Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20003RT</td>
<td>Runtime Software</td>
<td>QUAD 8-Bit Latch Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20004</td>
<td>Devel. Software</td>
<td>6½-Digit Digital Multimeter Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20004RT</td>
<td>Runtime Software</td>
<td>6½-Digit Digital Multimeter Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20005</td>
<td>Devel. Software</td>
<td>Universal Counter Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20005RT</td>
<td>Runtime Software</td>
<td>Universal Counter Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20006</td>
<td>Devel. Software</td>
<td>Digitizing Oscilloscope Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20006RT</td>
<td>Runtime Software</td>
<td>Digitizing Oscilloscope Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20007</td>
<td>Devel. Software</td>
<td>Arbitrary Function Generator Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20007RT</td>
<td>Runtime Software</td>
<td>Arbitrary Function Generator Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20008</td>
<td>Devel. Software</td>
<td>Function Sweep Generator Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20008RT</td>
<td>Runtime Software</td>
<td>Function Sweep Generator Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20009</td>
<td>Devel. Software</td>
<td>Dynamic Digital Test System Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20009RT</td>
<td>Runtime Software</td>
<td>Dynamic Digital Test System Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20010</td>
<td>Devel. Software</td>
<td>Synchro/Resolver Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20010RT</td>
<td>Runtime Software</td>
<td>Synchro/Resolver Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20011</td>
<td>Devel. Software</td>
<td>Form C Switch Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20011RT</td>
<td>Runtime Software</td>
<td>Form C Switch Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20012</td>
<td>Devel. Software</td>
<td>50 MHz Dynamic Digital Test System Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20012RT</td>
<td>Runtime Software</td>
<td>50 MHz Dynamic Digital Test System Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20013</td>
<td>Devel. Software</td>
<td>Microwave Signal Generator Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20013RT</td>
<td>Runtime Software</td>
<td>Microwave Signal Generator Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20014</td>
<td>Devel. Software</td>
<td>Power Sensor Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20014RT</td>
<td>Runtime Software</td>
<td>Power Sensor Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20020</td>
<td>Devel. Software</td>
<td>MXI Digital Multimeter Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20020RT</td>
<td>Runtime Software</td>
<td>MXI Digital Multimeter Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20021</td>
<td>Devel. Software</td>
<td>High Power DC Power Supply Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20021RT</td>
<td>Runtime Software</td>
<td>High Power DC Power Supply Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20022</td>
<td>Devel. Software</td>
<td>5 MB Word Instrument Driver for Option 500</td>
<td>102</td>
</tr>
<tr>
<td>20022RT</td>
<td>Runtime Software</td>
<td>5 MB Word Instrument Driver for Option 500</td>
<td>104</td>
</tr>
<tr>
<td>20023</td>
<td>Devel. Software</td>
<td>MXI PDTG Instrument Driver for Option 500</td>
<td>102</td>
</tr>
<tr>
<td>20023RT</td>
<td>Runtime Software</td>
<td>MXI PDTG Instrument Driver for Option 500</td>
<td>104</td>
</tr>
<tr>
<td>20024</td>
<td>Devel. Software</td>
<td>Microwave Network Analyzer Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20024RT</td>
<td>Runtime Software</td>
<td>Microwave Network Analyzer Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20025</td>
<td>Devel. Software</td>
<td>Programmable Electronic Load Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20025RT</td>
<td>Runtime Software</td>
<td>Programmable Electronic Load Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20026</td>
<td>Devel. Software</td>
<td>MIL-STD-1553 Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>20096RT</td>
<td>Runtime Software</td>
<td>MIL-STD-1553 Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20097</td>
<td>Devel. Software</td>
<td>Auxiliary RF Signal Processor Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>2007RT</td>
<td>Runtime Software</td>
<td>Auxiliary RF Signal Processor Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>2008B</td>
<td>Devel. Software</td>
<td>Variable Gain Amplifier Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>2008RT</td>
<td>Runtime Software</td>
<td>Variable Gain Amplifier Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20099</td>
<td>Devel. Software</td>
<td>Relay Matrix Switch Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20099RT</td>
<td>Runtime Software</td>
<td>Relay Matrix Switch Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20030</td>
<td>Devel. Software</td>
<td>Cable Tester Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20030RT</td>
<td>Runtime Software</td>
<td>Cable Tester Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20031</td>
<td>Devel. Software</td>
<td>Pneumatic Terminal Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20031RT</td>
<td>Runtime Software</td>
<td>Pneumatic Terminal Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20032</td>
<td>Devel. Software</td>
<td>DC Power 600 V, 1.5 A Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20032RT</td>
<td>Runtime Software</td>
<td>DC Power 600 V, 1.5 A Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20033</td>
<td>Devel. Software</td>
<td>Matrix Switch Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20033RT</td>
<td>Runtime Software</td>
<td>Matrix Switch Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20034</td>
<td>Devel. Software</td>
<td>Form C Switch, 5 A Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20034RT</td>
<td>Runtime Software</td>
<td>Form C Switch, 5 A Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20035</td>
<td>Devel. Software</td>
<td>Digital Rail Generator Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20035RT</td>
<td>Runtime Software</td>
<td>Digital Rail Generator Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20036</td>
<td>Devel. Software</td>
<td>Digital Discrete Module Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20036RT</td>
<td>Runtime Software</td>
<td>Digital Discrete Module Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20037</td>
<td>Devel. Software</td>
<td>Discrete Latch Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20037RT</td>
<td>Runtime Software</td>
<td>Discrete Latch Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20038</td>
<td>Devel. Software</td>
<td>Programmable Resistor Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20038RT</td>
<td>Runtime Software</td>
<td>Programmable Resistor Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20039</td>
<td>Devel. Software</td>
<td>Phase Angle Voltmeter Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20039RT</td>
<td>Runtime Software</td>
<td>Phase Angle Voltmeter Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20040</td>
<td>Devel. Software</td>
<td>Synchro Resolver Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20040RT</td>
<td>Runtime Software</td>
<td>Synchro Resolver Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20041</td>
<td>Devel. Software</td>
<td>Power DAC Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20041RT</td>
<td>Runtime Software</td>
<td>Power DAC Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20042</td>
<td>Devel. Software</td>
<td>Arbitrary Waveform Generator Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20042RT</td>
<td>Runtime Software</td>
<td>Arbitrary Waveform Generator Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20043</td>
<td>Devel. Software</td>
<td>Dual-Pulse, Arbitrary Generator Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20043RT</td>
<td>Runtime Software</td>
<td>Dual-Pulse, Arbitrary Generator Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20044</td>
<td>Devel. Software</td>
<td>Power Amplifier Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20044RT</td>
<td>Runtime Software</td>
<td>Power Amplifier Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20045</td>
<td>Devel. Software</td>
<td>Digital Stimulus/Response Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20045RT</td>
<td>Runtime Software</td>
<td>Digital Stimulus/Response Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20046</td>
<td>Devel. Software</td>
<td>50 MHz Timing/Control Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20046RT</td>
<td>Runtime Software</td>
<td>50 MHz Timing/Control Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20047</td>
<td>Devel. Software</td>
<td>Smart Serial Communication (5539) Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20047RT</td>
<td>Runtime Software</td>
<td>Smart Serial Communication (5539) Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20048</td>
<td>Devel. Software</td>
<td>VXI Programmable Video Generator and Analyzer Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20048RT</td>
<td>Runtime Software</td>
<td>VXI Programmable Video Generator and Analyzer Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20050</td>
<td>Devel. Software</td>
<td>Peak Power Meter Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20050RT</td>
<td>Runtime Software</td>
<td>Peak Power Meter Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20051</td>
<td>Devel. Software</td>
<td>Frequency Synthesizer Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20051RT</td>
<td>Runtime Software</td>
<td>Frequency Synthesizer Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20052</td>
<td>Devel. Software</td>
<td>Power Amplifier Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20052RT</td>
<td>Runtime Software</td>
<td>Power Amplifier Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20052</td>
<td>Devel. Software</td>
<td>Phase Noise Measurement System Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20060</td>
<td>Devel. Software</td>
<td>Phase Noise Measurement System Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20060RT</td>
<td>Runtime Software</td>
<td>Phase Noise Measurement System Reference Source Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20061</td>
<td>Devel. Software</td>
<td>Phase Noise Measurement System Reference Source Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20061RT</td>
<td>Runtime Software</td>
<td>Phase Noise Measurement System Reference Source Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20062</td>
<td>Devel. Software</td>
<td>Dual-Channel Peak Power Meter Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20062RT</td>
<td>Runtime Software</td>
<td>Dual-Channel Peak Power Meter Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20063</td>
<td>Devel. Software</td>
<td>Frequency Counter Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20063RT</td>
<td>Runtime Software</td>
<td>Frequency Counter Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20063</td>
<td>Devel. Software</td>
<td>Frequency Counter Instrument Driver</td>
<td>102</td>
</tr>
</tbody>
</table>
### Index

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>20064</td>
<td>Devel. Software</td>
<td>Dual Three-Phase AC Power Supply Instrument Panel</td>
<td>102</td>
</tr>
<tr>
<td>20064RT</td>
<td>Runtime Software</td>
<td>Dual Three-Phase AC Power Supply Instrument Panel</td>
<td>104</td>
</tr>
<tr>
<td>20070</td>
<td>Devel. Software</td>
<td>NAV/COMA Signal Generator Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20070RT</td>
<td>Runtime Software</td>
<td>NAV/COMA Signal Generator Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20071</td>
<td>Devel. Software</td>
<td>ATC/DME Signal Generator Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20071RT</td>
<td>Runtime Software</td>
<td>ATC/DME Signal Generator Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20072</td>
<td>Devel. Software</td>
<td>RC Test System Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20072RT</td>
<td>Runtime Software</td>
<td>RC Test System Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20073</td>
<td>Devel. Software</td>
<td>RC Half Quick Test System Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20073RT</td>
<td>Runtime Software</td>
<td>RC Half Quick Test System Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>20074</td>
<td>Devel. Software</td>
<td>Dual-Signal Satellite Simulator Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>20074RT</td>
<td>Runtime Software</td>
<td>Dual-Signal Satellite Simulator Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>207B</td>
<td>Systems</td>
<td>Transportable BRAT® 207B Test System</td>
<td>56</td>
</tr>
<tr>
<td>21003</td>
<td>Devel. Software</td>
<td>BRAT® VXI Common Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>21003RT</td>
<td>Runtime Software</td>
<td>BRAT® VXI Common Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>21004</td>
<td>Devel. Software</td>
<td>BRAT® High Speed Digital MXI Common Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>21004RT</td>
<td>Runtime Software</td>
<td>BRAT® High Speed Digital MXI Common Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>21005</td>
<td>Devel. Software</td>
<td>BRAT® High Power Supply Common Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>21005RT</td>
<td>Runtime Software</td>
<td>BRAT® High Power Supply Common Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>21006</td>
<td>Devel. Software</td>
<td>Option 500 DSP Common Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>21006RT</td>
<td>Runtime Software</td>
<td>Option 500 DSP Common Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>22000</td>
<td>Devel. Software</td>
<td>BRAT® RF Rack Common Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>22000RT</td>
<td>Runtime Software</td>
<td>BRAT® RF Rack Common Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>22002</td>
<td>Devel. Software</td>
<td>RFIU #2 Instrument Driver (RF Output, RF Converter, RF Measurement)</td>
<td>102</td>
</tr>
<tr>
<td>22002RT</td>
<td>Runtime Software</td>
<td>RFIU #2 Instrument Driver (RF Output, RF Converter, RF Measurement)</td>
<td>104</td>
</tr>
<tr>
<td>22003</td>
<td>Devel. Software</td>
<td>RFIU #3 Instrument Driver (RF Output, RF Measurement, RF Converter, RF Phase Noise)</td>
<td>102</td>
</tr>
<tr>
<td>22003RT</td>
<td>Runtime Software</td>
<td>RFIU #3 Instrument Driver (RF Output, RF Measurement, RF Converter, RF Phase Noise)</td>
<td>104</td>
</tr>
<tr>
<td>22004</td>
<td>Devel. Software</td>
<td>RFIU JTIDS Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>22004RT</td>
<td>Runtime Software</td>
<td>RFIU JTIDS Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>22005</td>
<td>Devel. Software</td>
<td>RFIU Option 512 Instrument Driver</td>
<td>102</td>
</tr>
<tr>
<td>22005RT</td>
<td>Runtime Software</td>
<td>RFIU Option 512 Instrument Driver</td>
<td>104</td>
</tr>
<tr>
<td>22000RT</td>
<td>Runtime Software</td>
<td>Single-Phase AC Power Supply Instrument Panel</td>
<td>104</td>
</tr>
<tr>
<td>22001RT</td>
<td>Runtime Software</td>
<td>Three-Phase AC Power Supply Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>22002RT</td>
<td>Runtime Software</td>
<td>DC Power Supply Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>22003RT</td>
<td>Runtime Software</td>
<td>Quad 8-Bit Latch Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>22004RT</td>
<td>Runtime Software</td>
<td>6½-Digit Digital Multimeter Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>22005RT</td>
<td>Runtime Software</td>
<td>Universal Counter Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>22006RT</td>
<td>Runtime Software</td>
<td>Digitizing Oscilloscope Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23007RT</td>
<td>Runtime Software</td>
<td>Arbitrary Function Generator Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23008RT</td>
<td>Runtime Software</td>
<td>Function Sweep Generator Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23009RT</td>
<td>Runtime Software</td>
<td>Digital Test Development Tool Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23010RT</td>
<td>Runtime Software</td>
<td>Synchro/Resolver Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23011RT</td>
<td>Runtime Software</td>
<td>Virtual Panel for Terminal Mode Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23012RT</td>
<td>Runtime Software</td>
<td>Stimulus MUX IAU 1 Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23013RT</td>
<td>Runtime Software</td>
<td>VXI Variable Gain Amplifier Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23014RT</td>
<td>Runtime Software</td>
<td>Pneumatic Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23015RT</td>
<td>Runtime Software</td>
<td>Form C Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>23016RT</td>
<td>Runtime Software</td>
<td>15553 VXI Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>24001RT</td>
<td>Runtime Software</td>
<td>BRAT® RF Switches Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>24003RT</td>
<td>Runtime Software</td>
<td>BRAT® VXI Switches Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>24009RT</td>
<td>Runtime Software</td>
<td>1 KW DC Power Supply Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>24010RT</td>
<td>Runtime Software</td>
<td>DC Power Supply Electronic Load Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>24011RT</td>
<td>Runtime Software</td>
<td>Digital Stimulus/Response Development Instrument Panel</td>
<td>103</td>
</tr>
<tr>
<td>30000</td>
<td>Devel. Software</td>
<td>Site license for 20-user development system software, including all drivers for the BRAT® B303C and BRAT® B305B, including computers</td>
<td>101</td>
</tr>
<tr>
<td>305/307/RF305BJ CAL SW-ITA</td>
<td>Cal Software/ITA</td>
<td>BRAT® 305/307 and RF305BJ Calibration Software and ITA</td>
<td>106</td>
</tr>
<tr>
<td>305/307/RF305BJ CAL SW-ITA-S</td>
<td>Cal Software/ITA</td>
<td>BRAT® 305/307 and RF305BJ Calibration Software and ITA - Single User Only</td>
<td>106</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>----------------------</td>
<td>---------------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>RF407BJ CAL SW-ITA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RF407BJ CAL SW-ITA-S</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>307-C</td>
<td>Systems</td>
<td>BRAT® 307-C Test System</td>
<td>48</td>
</tr>
<tr>
<td>307B</td>
<td>Systems</td>
<td>BRAT® 307B Test System</td>
<td>45</td>
</tr>
<tr>
<td>307BJ</td>
<td>Systems</td>
<td>BRAT® 307BJ Test System</td>
<td>49</td>
</tr>
<tr>
<td>308B</td>
<td>Systems</td>
<td>BRAT® 308B Test System</td>
<td>50</td>
</tr>
<tr>
<td>309B</td>
<td>Systems</td>
<td>BRAT® 309B Test System</td>
<td>46</td>
</tr>
<tr>
<td>31000</td>
<td>Devel. Software</td>
<td>Site license for 20-user development system software, including</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>all drivers for the BRAT® B303C and BRAT® B305B</td>
<td></td>
</tr>
<tr>
<td>31000-U</td>
<td>Software Upgrades</td>
<td>Site license for 20-user development system software, including</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>all drivers for the BRAT® B303C and BRAT® B305B, Version 2.0</td>
<td>101</td>
</tr>
<tr>
<td>3105M-1</td>
<td>Software Upgrades</td>
<td>BRAT® Software Development Maintenance for BRAT® 307</td>
<td>106</td>
</tr>
<tr>
<td>3105M-2</td>
<td>Software Upgrades</td>
<td>BRAT® Software Development Maintenance for BRAT® RF307BJ</td>
<td>106</td>
</tr>
<tr>
<td>3105PD-0</td>
<td>Software Upgrades</td>
<td>BRAT® RI System Software Distribution (Basic) (Single User)</td>
<td>106</td>
</tr>
<tr>
<td>3105PD-1</td>
<td>Software Upgrades</td>
<td>BRAT® RI System Software Distribution (Minor) (Single User)</td>
<td>106</td>
</tr>
<tr>
<td>3105PD-2</td>
<td>Software Upgrades</td>
<td>BRAT® RI System Software Distribution (Medium) (Single User)</td>
<td>106</td>
</tr>
<tr>
<td>3105PD-3</td>
<td>Software Upgrades</td>
<td>BRAT® RI System Software Distribution (Major) (Single User)</td>
<td>106</td>
</tr>
<tr>
<td>3105SU-1</td>
<td>Software Upgrades</td>
<td>BRAT® Controller OS Upgrade (Minor)</td>
<td>106</td>
</tr>
<tr>
<td>3105SU-2</td>
<td>Software Upgrades</td>
<td>BRAT® Controller OS Upgrade (Medium)</td>
<td>106</td>
</tr>
<tr>
<td>3105SU-3</td>
<td>Software Upgrades</td>
<td>BRAT® Controller OS Upgrade (Major)</td>
<td>106</td>
</tr>
<tr>
<td>3105SU-4</td>
<td>Software Upgrades</td>
<td>Modification to the Software Upgrade (Medium or Major)</td>
<td>106</td>
</tr>
<tr>
<td>3105SU-5</td>
<td>Software Upgrades</td>
<td>BRAT® Software Development System Upgrade (Minor) (Site License)</td>
<td>107</td>
</tr>
<tr>
<td>3105SU-6</td>
<td>Software Upgrades</td>
<td>BRAT® Software Development System Upgrade (Minor) (Single User)</td>
<td>107</td>
</tr>
<tr>
<td>3105SU-7</td>
<td>Software Upgrades</td>
<td>BRAT® Software Development System Upgrade (Medium) (Site License)</td>
<td>107</td>
</tr>
<tr>
<td>3105SU-8</td>
<td>Software Upgrades</td>
<td>BRAT® Software Development System Upgrade (Medium) (Single User)</td>
<td>107</td>
</tr>
<tr>
<td>3105SU-9</td>
<td>Software Upgrades</td>
<td>BRAT® Software Development System Upgrade (Major)</td>
<td>107</td>
</tr>
<tr>
<td>3105SU-10</td>
<td>Software Upgrades</td>
<td>BRAT® Software Development System Upgrade (Major) (Single User)</td>
<td>107</td>
</tr>
<tr>
<td>34016RT</td>
<td>Runtime Software</td>
<td>RFIU Virtual Panels (Enhanced Phase Noise Measurement Module)</td>
<td>103</td>
</tr>
<tr>
<td>40001</td>
<td>Devel. Software</td>
<td>Virtual Spectrum Analyzer Software Utility</td>
<td>101</td>
</tr>
<tr>
<td>40001RT</td>
<td>Runtime Software</td>
<td>Runtime Software for Virtual Spectrum Analyzer</td>
<td>103</td>
</tr>
<tr>
<td>40002</td>
<td>Devel. Software</td>
<td>TCASE® Analog Simulator</td>
<td>101</td>
</tr>
<tr>
<td>40005</td>
<td>Devel. Software</td>
<td>Video Redisplay Tool</td>
<td>101</td>
</tr>
<tr>
<td>407B</td>
<td>Systems</td>
<td>Transportable BRAT® 407B Test System</td>
<td>57</td>
</tr>
<tr>
<td>407BJ</td>
<td>Systems</td>
<td>Transportable BRAT® 407BJ Test System</td>
<td>58</td>
</tr>
<tr>
<td>408B</td>
<td>Systems</td>
<td>Transportable BRAT® 408B Test System</td>
<td>59</td>
</tr>
<tr>
<td>51481</td>
<td>Systems</td>
<td>BRAT® 51481 Stand-Alone (A-10) HUD Test System</td>
<td>39</td>
</tr>
<tr>
<td>535</td>
<td>Systems</td>
<td>BRAT® Option 535 SATCOM Test System</td>
<td>42</td>
</tr>
<tr>
<td>580</td>
<td>Systems</td>
<td>Automated and Manual Test Station Suite</td>
<td>43</td>
</tr>
<tr>
<td>610TPSUG</td>
<td>TPS Upgrades</td>
<td>TPS Noncompliant Conversion (SRU Minor)</td>
<td>107</td>
</tr>
<tr>
<td>620TPSUG</td>
<td>TPS Upgrades</td>
<td>TPS Noncompliant Conversion (SRU Medium)</td>
<td>107</td>
</tr>
<tr>
<td>630TPSUG</td>
<td>TPS Upgrades</td>
<td>TPS Noncompliant Conversion (SRU Major)</td>
<td>107</td>
</tr>
<tr>
<td>640TPSUG</td>
<td>TPS Upgrades</td>
<td>TPS Noncompliant Conversion (LRU Minor)</td>
<td>107</td>
</tr>
<tr>
<td>650TPSUG</td>
<td>TPS Upgrades</td>
<td>TPS Noncompliant Conversion (LRU Medium)</td>
<td>107</td>
</tr>
<tr>
<td>660TPSUG</td>
<td>TPS Upgrades</td>
<td>TPS Noncompliant Conversion (LRU Major)</td>
<td>107</td>
</tr>
<tr>
<td>67</td>
<td>Systems</td>
<td>BRAT® 67 PXI Test System</td>
<td>11</td>
</tr>
<tr>
<td>70</td>
<td>Systems</td>
<td>BRAT® 70 PXI Test System</td>
<td>12</td>
</tr>
<tr>
<td>8604412SP-2</td>
<td>Cables-Com4</td>
<td>Type N Jack to SMA Plug Adapter</td>
<td>134</td>
</tr>
<tr>
<td>8604412SP-4</td>
<td>Cables-Com4</td>
<td>Type N Plug to SMA Jack Adapter</td>
<td>134</td>
</tr>
<tr>
<td>90</td>
<td>Systems</td>
<td>BRAT® 90 VXI Test System</td>
<td>12</td>
</tr>
<tr>
<td>92103563-10</td>
<td>Auxiliary</td>
<td>Benchtop Assembly</td>
<td>97</td>
</tr>
<tr>
<td>92103566-10</td>
<td>Cables-Com9</td>
<td>System Cable</td>
<td>132</td>
</tr>
<tr>
<td>92103570-10</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103570-30</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103570-50</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103570-70</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103573-01</td>
<td>IEEE-488</td>
<td>Single-Phase AC Programmable Power Supply</td>
<td>85</td>
</tr>
<tr>
<td>921035B2-10</td>
<td>Cables-Com9</td>
<td>System Cable</td>
<td>132</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------</td>
<td>--------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>92103583-30</td>
<td>Cables-Com2</td>
<td>System Cable</td>
<td>132</td>
</tr>
<tr>
<td>92103583-50</td>
<td>Cables-Com2</td>
<td>System Cable</td>
<td>132</td>
</tr>
<tr>
<td>92103594-30</td>
<td>Auxiliary</td>
<td>Computer w/o Monitor</td>
<td>97</td>
</tr>
<tr>
<td>92103598-01</td>
<td>IEEE-488</td>
<td>IEEE Card</td>
<td>85</td>
</tr>
<tr>
<td>92103598-03</td>
<td>IEEE-488</td>
<td>IEEE Card</td>
<td>85</td>
</tr>
<tr>
<td>92103674-01</td>
<td>Common Parts</td>
<td>Duplex AC Outlet</td>
<td>93</td>
</tr>
<tr>
<td>92103692-01</td>
<td>Common Parts</td>
<td>Amber Neon Lamp</td>
<td>93</td>
</tr>
<tr>
<td>92103696-01</td>
<td>Cables-Com4</td>
<td>GPIB Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103696-03</td>
<td>Cables-Com4</td>
<td>GPIB Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103696-05</td>
<td>Cables-Com4</td>
<td>GPIB Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103696-07</td>
<td>Cables-Com4</td>
<td>GPIB Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103696-09</td>
<td>Cables-Com4</td>
<td>GPIB Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103696-11</td>
<td>Cables-Com4</td>
<td>GPIB Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103708-03</td>
<td>Cables-Com4</td>
<td>BNC Plug to Banana Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103748-10</td>
<td>Cables-Com2</td>
<td>DC Power and VXI Synchro Self Test Cable</td>
<td>132</td>
</tr>
<tr>
<td>92103749-10</td>
<td>Cables-Com2</td>
<td>High Frequency Self Test Cable</td>
<td>132</td>
</tr>
<tr>
<td>92103750-10</td>
<td>Cables-Com2</td>
<td>Four-Wire Resistance Self Test Cable</td>
<td>132</td>
</tr>
<tr>
<td>92103751-10</td>
<td>Cables-Com2</td>
<td>Two-Wire Resistance Self Test Cable</td>
<td>132</td>
</tr>
<tr>
<td>92103770-10</td>
<td>Cables-Com2</td>
<td>Shorting Plug Self Test Cable</td>
<td>132</td>
</tr>
<tr>
<td>92103782-01</td>
<td>Equipment</td>
<td>Waveform Generator</td>
<td>89</td>
</tr>
<tr>
<td>92103820-10</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-30</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-50</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-70</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-90</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-110</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-130</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-150</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-170</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-190</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-210</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-230</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-250</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-270</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-290</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-310</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-330</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-350</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103820-370</td>
<td>Cables-Com4</td>
<td>System Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-10</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-30</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-50</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-70</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-90</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-110</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-130</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-150</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-170</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-190</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-210</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-230</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-250</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-270</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103881-290</td>
<td>Cables-Com4</td>
<td>SMB Plug to BNC Plug Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103884-01</td>
<td>VXI</td>
<td>Pattern Pod</td>
<td>74</td>
</tr>
<tr>
<td>92103889-01</td>
<td>VXI</td>
<td>C-Size Mainframe with Command Module</td>
<td>74</td>
</tr>
<tr>
<td>92103889-01</td>
<td>VXI</td>
<td>160 MHz Timing I/O Module</td>
<td>74</td>
</tr>
<tr>
<td>92103851-01</td>
<td>VXI</td>
<td>20 MHz Pattern I/O Module</td>
<td>74</td>
</tr>
<tr>
<td>92103852-01</td>
<td>VXI</td>
<td>Terminating 20 MHz Pattern I/O Module</td>
<td>74</td>
</tr>
<tr>
<td>92103855-03</td>
<td>VXI</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>74</td>
</tr>
<tr>
<td>92103858-03</td>
<td>VXI</td>
<td>Stimulus/Measurement Matrix Module</td>
<td>74</td>
</tr>
<tr>
<td>92103863-01</td>
<td>VXI</td>
<td>Arbitrary Function Generator</td>
<td>134</td>
</tr>
<tr>
<td>92103870-10</td>
<td>Cables-Com4</td>
<td>BNC Component Holder</td>
<td>134</td>
</tr>
<tr>
<td>92103877-10</td>
<td>Cables-Com2</td>
<td>One-Wire Resistance Self Test Cable</td>
<td>132</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>---------------</td>
<td>----------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>92103878-10</td>
<td>Cables-Com2</td>
<td>Static Digital Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>92103879-10</td>
<td>Cables-Com2</td>
<td>Dynamic Digital Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>92103897-01</td>
<td>VXI</td>
<td>Timing Pod</td>
<td>74</td>
</tr>
<tr>
<td>92103903-10</td>
<td>VXI</td>
<td>Interconnect Cable (AC)</td>
<td>139</td>
</tr>
<tr>
<td>92103911-10</td>
<td>VXI</td>
<td>IEEE-488 Cable</td>
<td>74</td>
</tr>
<tr>
<td>92103914-10</td>
<td>VXI</td>
<td>USB Cable</td>
<td>139</td>
</tr>
<tr>
<td>92103915-10</td>
<td>VXI</td>
<td>USB Cable</td>
<td>139</td>
</tr>
<tr>
<td>92103915-30</td>
<td>VXI</td>
<td>USB Cable</td>
<td>139</td>
</tr>
<tr>
<td>92103916-10</td>
<td>VXI</td>
<td>USB Cable</td>
<td>139</td>
</tr>
<tr>
<td>92103917-10</td>
<td>VXI</td>
<td>USB Cable</td>
<td>139</td>
</tr>
<tr>
<td>92103925-01</td>
<td>Common Parts</td>
<td>Elapsed Time Meter</td>
<td>93</td>
</tr>
<tr>
<td>92103926-01</td>
<td>Common Parts</td>
<td>ETM Bezel</td>
<td>93</td>
</tr>
<tr>
<td>92103927-10</td>
<td>Cables-Com2</td>
<td>Custom Switch Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>92103930-01</td>
<td>Common Parts</td>
<td>Single-Phase Circuit Breaker</td>
<td>93</td>
</tr>
<tr>
<td>92103931-10</td>
<td>Cables-Com3</td>
<td>RF Self Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>92103932-10</td>
<td>Cables-Com3</td>
<td>Type N to Type N RF Cable</td>
<td>133</td>
</tr>
<tr>
<td>92103935-50</td>
<td>Cables-Com3</td>
<td>Type N to Type N RF Cable</td>
<td>133</td>
</tr>
<tr>
<td>92103937-10</td>
<td>Cables-Com3</td>
<td>VXI Precision Resistor</td>
<td>133</td>
</tr>
<tr>
<td>92103940-10</td>
<td>Cables-Com9</td>
<td>Power Distribution Panel</td>
<td>139</td>
</tr>
<tr>
<td>92103940-30</td>
<td>Cables-Com9</td>
<td>Power Distribution Panel</td>
<td>139</td>
</tr>
<tr>
<td>92103940-90</td>
<td>Cables-Com9</td>
<td>Power Distribution Panel</td>
<td>139</td>
</tr>
<tr>
<td>92103940-130</td>
<td>Cables-Com9</td>
<td>Power Distribution Panel</td>
<td>139</td>
</tr>
<tr>
<td>92103940-210</td>
<td>Cables-Com9</td>
<td>Power Distribution Panel</td>
<td>139</td>
</tr>
<tr>
<td>92103962-01</td>
<td>Cables-Com9</td>
<td>Double Wheel Caster</td>
<td>93</td>
</tr>
<tr>
<td>92103964-01</td>
<td>Common Parts</td>
<td>Three-Phase Circuit Breaker</td>
<td>93</td>
</tr>
<tr>
<td>92103974-10</td>
<td>Auxiliary</td>
<td>Electronic Load Kit</td>
<td>97</td>
</tr>
<tr>
<td>92103975-30</td>
<td>Cables-Com3</td>
<td>Electronic Load I/O Cable</td>
<td>133</td>
</tr>
<tr>
<td>92103979-01</td>
<td>Cables-Com4</td>
<td>Triaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>92103985-10</td>
<td>TPS</td>
<td>CSU (Central Switching Unit) ITA Upgraded Cable Set</td>
<td>140</td>
</tr>
<tr>
<td>92103986-01</td>
<td>VXI</td>
<td>VXI Mainframe Command Module</td>
<td>74</td>
</tr>
<tr>
<td>92103986-03</td>
<td>VXI</td>
<td>VXI Mainframe Command Module with Expanded Memory</td>
<td>75</td>
</tr>
<tr>
<td>92103987-01</td>
<td>VXI</td>
<td>VXI Mainframe</td>
<td>75</td>
</tr>
<tr>
<td>92103990-10</td>
<td>Cables-Com3</td>
<td>SPD I/Q/Attenuation Self Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>92104001-01</td>
<td>Auxiliary</td>
<td>Printer</td>
<td>97</td>
</tr>
<tr>
<td>92104011-01</td>
<td>Auxiliary</td>
<td>17&quot; Monitor</td>
<td>97</td>
</tr>
<tr>
<td>92104013-01</td>
<td>Cables-Com4</td>
<td>Speaker Cable</td>
<td>134</td>
</tr>
<tr>
<td>92104014-01</td>
<td>Cables-Com4</td>
<td>Printer Cable</td>
<td>134</td>
</tr>
<tr>
<td>92104017-01</td>
<td>Cables-Com4</td>
<td>Printer Power Adapter (Europe)</td>
<td>134</td>
</tr>
<tr>
<td>92104017-03</td>
<td>Cables-Com3</td>
<td>Printer Power Adapter</td>
<td>133</td>
</tr>
<tr>
<td>92105070-10</td>
<td>Cables-Com3</td>
<td>DDP Self Test Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>92105071-01</td>
<td>VXI</td>
<td>VXI Quad Serial Module</td>
<td>75</td>
</tr>
<tr>
<td>92105099-01</td>
<td>Common Parts</td>
<td>Graphics Card</td>
<td>93</td>
</tr>
<tr>
<td>92105233-COM</td>
<td>Common Parts</td>
<td>Computer Common Parts</td>
<td>93</td>
</tr>
<tr>
<td>9210524-COM</td>
<td>Common Parts</td>
<td>BRAT® Common Parts</td>
<td>93</td>
</tr>
<tr>
<td>9210526-COM</td>
<td>Common Parts</td>
<td>Hardware (Loose Hardware such as Screws, Nuts, Bolts, Lugs, etc.)</td>
<td>93</td>
</tr>
<tr>
<td>9210526-COM1</td>
<td>Cables-Com1</td>
<td>Cables, Connectors, and Adapters - Complexity Level 1</td>
<td>131</td>
</tr>
<tr>
<td>9210526-COM2</td>
<td>Cables-Com2</td>
<td>Cables, Connectors, and Adapters - Complexity Level 2</td>
<td>131</td>
</tr>
<tr>
<td>9210526-COM3</td>
<td>Cables-Com3</td>
<td>Cables, Connectors, and Adapters - Complexity Level 3</td>
<td>133</td>
</tr>
<tr>
<td>9210526-COM4</td>
<td>Cables-Com4</td>
<td>Cables, Connectors, and Adapters - Complexity Level 4</td>
<td>134</td>
</tr>
<tr>
<td>9210529-01</td>
<td>IEEE-488</td>
<td>IEEE Card Upgrade</td>
<td>85</td>
</tr>
<tr>
<td>9210532-01</td>
<td>VXI</td>
<td>VXI-3 VXI Bus Interface Kit</td>
<td>75</td>
</tr>
<tr>
<td>9210533-03</td>
<td>VXI</td>
<td>VXI-MXI-3 Command Module</td>
<td>75</td>
</tr>
<tr>
<td>9210534-01</td>
<td>PC-Based</td>
<td>VXI-3 Interface Board</td>
<td>95</td>
</tr>
<tr>
<td>9210535-01</td>
<td>Cables-Com4</td>
<td>VXI-3 Cable Assembly</td>
<td>134</td>
</tr>
<tr>
<td>9210535-03</td>
<td>Cables-Com4</td>
<td>VXI-3 Cable Assembly</td>
<td>134</td>
</tr>
<tr>
<td>9210537-01</td>
<td>Auxiliary</td>
<td>18.1&quot; LCD Monitor</td>
<td>97</td>
</tr>
<tr>
<td>9300COAX-10</td>
<td>Coax Cable Sets</td>
<td>BRAT® Cable Sets, BRAT® 105</td>
<td>131</td>
</tr>
<tr>
<td>9300COCA-10</td>
<td>VXI</td>
<td>BRAT® Switch Cards (BRAT® 105)</td>
<td>75</td>
</tr>
<tr>
<td>9300PWR-10</td>
<td>VXI</td>
<td>Power Cable Set (BRAT® 105)</td>
<td>131</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>---------------</td>
<td>--------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>93000SYS-10</td>
<td>BRAT® Cable Sets</td>
<td>System Cable Set (BRAT® 105)</td>
<td>131</td>
</tr>
<tr>
<td>93000049-01</td>
<td>Auxiliary</td>
<td>400 Hz Three-Phase Power Conditioner and Distribution Box</td>
<td>97</td>
</tr>
<tr>
<td>93000068-01</td>
<td>VXI</td>
<td>QUAD 8-Bit Digital Input/Output Latch</td>
<td>75</td>
</tr>
<tr>
<td>93000069-01</td>
<td>IEEE-488</td>
<td>A/B to C-Size Module Carrier</td>
<td>85</td>
</tr>
<tr>
<td>93000074-01</td>
<td>VXI</td>
<td>64-Channel Relay Multiplexer</td>
<td>75</td>
</tr>
<tr>
<td>93000075-01</td>
<td>VXI</td>
<td>Relay Matrix</td>
<td>75</td>
</tr>
<tr>
<td>93000075-03</td>
<td>VXI</td>
<td>Relay Matrix 4 × 64</td>
<td>75</td>
</tr>
<tr>
<td>93000076-01</td>
<td>VXI</td>
<td>RF Multiplexer</td>
<td>75</td>
</tr>
<tr>
<td>93000077-01</td>
<td>VXI</td>
<td>6½-Digit Digital Multimeter</td>
<td>75</td>
</tr>
<tr>
<td>93000078-01</td>
<td>VXI</td>
<td>High-Performance Universal Counter</td>
<td>75</td>
</tr>
<tr>
<td>93000079-01</td>
<td>VXI</td>
<td>1-GSa/s Digitizing Oscilloscope</td>
<td>75</td>
</tr>
<tr>
<td>93000080-01</td>
<td>VXI</td>
<td>Arbitrary Function Generator</td>
<td>75</td>
</tr>
<tr>
<td>93000081-01</td>
<td>VXI</td>
<td>21 MHz Synthesized Function/Sweep Generator</td>
<td>75</td>
</tr>
<tr>
<td>93000151-01</td>
<td>MMS</td>
<td>Local Oscillator</td>
<td>80</td>
</tr>
<tr>
<td>93000152-01</td>
<td>MMS</td>
<td>IF Section (100 KHz to 3 MHz)</td>
<td>80</td>
</tr>
<tr>
<td>93000153-01</td>
<td>MMS</td>
<td>Graphics Display</td>
<td>80</td>
</tr>
<tr>
<td>93000154-01</td>
<td>MMS</td>
<td>Digitizer</td>
<td>80</td>
</tr>
<tr>
<td>93000155-01</td>
<td>MMS</td>
<td>Power Meter</td>
<td>80</td>
</tr>
<tr>
<td>93000156-01</td>
<td>MMS</td>
<td>Modular Synthesized Signal Generator</td>
<td>80</td>
</tr>
<tr>
<td>93000156-03</td>
<td>MMS</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution</td>
<td>80</td>
</tr>
<tr>
<td>93000156-03A</td>
<td>MMS</td>
<td>Modular Synthesized Signal Generator 1 Hz Resolution Upgrade</td>
<td>80</td>
</tr>
<tr>
<td>93000157-01</td>
<td>VXI</td>
<td>64-Channel Scanning A/D Converter</td>
<td>75</td>
</tr>
<tr>
<td>93000159-03</td>
<td>Common Parts</td>
<td>20 A IEC Connector</td>
<td>93</td>
</tr>
<tr>
<td>93000172-01</td>
<td>MMS</td>
<td>RF Section (100 Hz to 92 GHz)</td>
<td>80</td>
</tr>
<tr>
<td>93000173-01</td>
<td>MMS</td>
<td>IF Section (10 Hz to 300 KHz)</td>
<td>80</td>
</tr>
<tr>
<td>93000200-01</td>
<td>MMS</td>
<td>Preampifier (36.5 GHz)</td>
<td>80</td>
</tr>
<tr>
<td>93000200-03</td>
<td>MMS</td>
<td>Preampifier with Low End Frequency Option (100 KHz to 26.5 GHz)</td>
<td>80</td>
</tr>
<tr>
<td>93000201-01</td>
<td>MMS</td>
<td>System Mainframe</td>
<td>80</td>
</tr>
<tr>
<td>93000205-10</td>
<td>Cables-Com4</td>
<td>Type N Plug to SMA Jack Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000207-10</td>
<td>Cables-Com4</td>
<td>Type N Plug to SMA Jack Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000211-10</td>
<td>Cables-Com4</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000214-10</td>
<td>Cables-Com4</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000215-10</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000215-30</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000215-50</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000215-70</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000215-90</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000217-10</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000217-30</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000217-50</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000217-70</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000217-90</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000221-10</td>
<td>RFU</td>
<td>RF Measurement #2</td>
<td>82</td>
</tr>
<tr>
<td>93000222-01</td>
<td>Cables-Com4</td>
<td>Right Angle SMA Adapter</td>
<td>134</td>
</tr>
<tr>
<td>93000227-10</td>
<td>RFU</td>
<td>RF Stimulus</td>
<td>82</td>
</tr>
<tr>
<td>93000280-10</td>
<td>RFU</td>
<td>RF Demodulator</td>
<td>82</td>
</tr>
<tr>
<td>93000284-01</td>
<td>MWS</td>
<td>Digitizing Oscilloscope</td>
<td>80</td>
</tr>
<tr>
<td>93000293-01</td>
<td>MWS</td>
<td>Power Sensor</td>
<td>81</td>
</tr>
<tr>
<td>93000293-03</td>
<td>MWS</td>
<td>Power Sensor</td>
<td>81</td>
</tr>
<tr>
<td>93000318-10</td>
<td>RFU</td>
<td>Synchronizer #1</td>
<td>82</td>
</tr>
<tr>
<td>93000319-10</td>
<td>Cables-Com4</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000320-10</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000326-01</td>
<td>VXI</td>
<td>Dynamic Digital (32 Pin Groups)</td>
<td>76</td>
</tr>
<tr>
<td>93000326-03</td>
<td>VXI</td>
<td>TTL Assembly, Dynamic Digital (32 Pin Groups)</td>
<td>76</td>
</tr>
<tr>
<td>93000326-05</td>
<td>VXI</td>
<td>CMOS Assembly, Dynamic Digital (32 Pin Groups)</td>
<td>76</td>
</tr>
<tr>
<td>93000326-07</td>
<td>VXI</td>
<td>ECL Assembly, Dynamic Digital (32 Pin Groups)</td>
<td>76</td>
</tr>
<tr>
<td>93000326-09</td>
<td>VXI</td>
<td>Programmable Assembly, Dynamic Digital (32 Pin Groups)</td>
<td>76</td>
</tr>
<tr>
<td>93000327-01</td>
<td>Cables-Com3</td>
<td>Type N Jack to SMA Bulkhead Jack Adapter</td>
<td>133</td>
</tr>
<tr>
<td>93000499-01</td>
<td>Cables-Com1</td>
<td>Microwave Radiation Detector</td>
<td>131</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>93000505-01</td>
<td>Cables-Com3</td>
<td>IEEE Extension Cable</td>
<td>134</td>
</tr>
<tr>
<td>93000506-01</td>
<td>VXI</td>
<td>39-Channel, 5 A, Form C Switch</td>
<td>76</td>
</tr>
<tr>
<td>93000508-01</td>
<td>Cables-Com3</td>
<td>SMB Tee Adapter</td>
<td>134</td>
</tr>
<tr>
<td>93000516-01</td>
<td>Cables-Com3</td>
<td>Power Sensor Cable</td>
<td>133</td>
</tr>
<tr>
<td>93000516-05</td>
<td>Cables-Com3</td>
<td>Power Sensor Cable</td>
<td>133</td>
</tr>
<tr>
<td>93000521-30</td>
<td>Common Parts</td>
<td>Wiring Duct Cover - Modified</td>
<td>93</td>
</tr>
<tr>
<td>93000522-01</td>
<td>Cables-Com3</td>
<td>MSIB Cable</td>
<td>133</td>
</tr>
<tr>
<td>93000522-03</td>
<td>Cables-Com3</td>
<td>MSIB Cable</td>
<td>133</td>
</tr>
<tr>
<td>93000531-01</td>
<td>Cables-Com3</td>
<td>Torque Wrench</td>
<td>133</td>
</tr>
<tr>
<td>93000531-03</td>
<td>Cables-Com3</td>
<td>Torque Wrench</td>
<td>133</td>
</tr>
<tr>
<td>93000532-01</td>
<td>Cables-Com4</td>
<td>Allen Wrench</td>
<td>134</td>
</tr>
<tr>
<td>93000543-04</td>
<td>RIU</td>
<td>Power Factor Correction Upgrade</td>
<td>82</td>
</tr>
<tr>
<td>93000544-01</td>
<td>Common Parts</td>
<td>Three-Phase Power Plug</td>
<td>93</td>
</tr>
<tr>
<td>93000550-30</td>
<td>IEEE-488</td>
<td>Three-Phase AC Programmable Power Supply</td>
<td>85</td>
</tr>
<tr>
<td>93000550-50</td>
<td>IEEE-488</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction</td>
<td>85</td>
</tr>
<tr>
<td>93000558-01</td>
<td>Cables-Com3</td>
<td>Cable Cover</td>
<td>133</td>
</tr>
<tr>
<td>93000570-01</td>
<td>VXI</td>
<td>Digital Functional Test</td>
<td>76</td>
</tr>
<tr>
<td>93001001-10</td>
<td>IEEE-488</td>
<td>KPA Synchronizer Simulator</td>
<td>85</td>
</tr>
<tr>
<td>94000104-10</td>
<td>RIU</td>
<td>RF Interface Unit (RIU) Mainframe</td>
<td>82</td>
</tr>
<tr>
<td>94000979-070</td>
<td>RIU</td>
<td>Microcontroller CCA (BRAT® 590)</td>
<td>82</td>
</tr>
<tr>
<td>94000833-10</td>
<td>Cables-Com4</td>
<td>BNC Bulkhead Jack to SMB Bulkhead Jack Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>94000899-10</td>
<td>Cables-Com4</td>
<td>Type N Bulkhead Jack to SMA Bulkhead Jack Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>94000927-70</td>
<td>Auxiliary</td>
<td>Accessory Assembly</td>
<td>97</td>
</tr>
<tr>
<td>9400429-10</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400429-30</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400429-50</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400429-70</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400429-90</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400429-110</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400429-130</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400429-150</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-30</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-50</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-70</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-90</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-110</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-130</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-150</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-170</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-190</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-210</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-230</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-250</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-270</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-290</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-310</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-330</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-350</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-370</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-390</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-410</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400431-430</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable</td>
<td>134</td>
</tr>
<tr>
<td>9400436-10</td>
<td>Cables-Com4</td>
<td>Right Angle SMA Plug to Right Angle SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94005050-50</td>
<td>Cables-Com9</td>
<td>RF Coaxial Cable</td>
<td>139</td>
</tr>
<tr>
<td>9400603-10</td>
<td>RIU</td>
<td>RF Measurement #1</td>
<td>82</td>
</tr>
<tr>
<td>9400604-10</td>
<td>RIU</td>
<td>RF Converter</td>
<td>82</td>
</tr>
<tr>
<td>9400605-10</td>
<td>RIU</td>
<td>RF Output</td>
<td>82</td>
</tr>
<tr>
<td>9400606-10</td>
<td>RIU</td>
<td>RF Controller (BRAT® 305/405)</td>
<td>82</td>
</tr>
<tr>
<td>9400606-50</td>
<td>RIU</td>
<td>RF Controller (JTIDS)</td>
<td>82</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------</td>
<td>--------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>94000606-70</td>
<td>RIU</td>
<td>RF Controller (JSTARS)</td>
<td>82</td>
</tr>
<tr>
<td>94000714-10</td>
<td>Cables-Com3</td>
<td>RF Cable</td>
<td>133</td>
</tr>
<tr>
<td>94000753-10</td>
<td>Auxiliary</td>
<td>Storage Drawer Assembly</td>
<td>97</td>
</tr>
<tr>
<td>94000833-01</td>
<td>MWS</td>
<td>Frequency Extension Module</td>
<td>81</td>
</tr>
<tr>
<td>94000836-10</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000836-30</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000836-50</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000836-70</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000836-90</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000840-01</td>
<td>Cables-Com4</td>
<td>Bulkhead SMA Jack to Jack Adapter</td>
<td>135</td>
</tr>
<tr>
<td>94000841-10</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-30</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-50</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-70</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-90</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-110</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-130</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-150</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-170</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-190</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-210</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-230</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-250</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-270</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-290</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-310</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-330</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-350</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000841-370</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000855-01</td>
<td>IEEE-488</td>
<td>Microwave Signal Generator</td>
<td>85</td>
</tr>
<tr>
<td>94000862-10</td>
<td>Auxiliary</td>
<td>Control Assembly</td>
<td>97</td>
</tr>
<tr>
<td>94000864-01</td>
<td>PC-Based</td>
<td>MIL-STD-1553A/B Bus Analyzer</td>
<td>95</td>
</tr>
<tr>
<td>94000868-01</td>
<td>Common Parts</td>
<td>1.44 MB Floppy Drive</td>
<td>93</td>
</tr>
<tr>
<td>94000885-30</td>
<td>Cables-Com4</td>
<td>Type N Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000887-01</td>
<td>IEEE-488</td>
<td>DC Power Supply Frame</td>
<td>85</td>
</tr>
<tr>
<td>94000888-01</td>
<td>IEEE-488</td>
<td>0 to 7 V Module for DC Power Supply</td>
<td>85</td>
</tr>
<tr>
<td>94000889-01</td>
<td>IEEE-488</td>
<td>0 to 9 V Module for DC Power Supply</td>
<td>85</td>
</tr>
<tr>
<td>94000890-01</td>
<td>IEEE-488</td>
<td>0 to 32 V Module for DC Power Supply</td>
<td>85</td>
</tr>
<tr>
<td>94000891-01</td>
<td>IEEE-488</td>
<td>0 to 320 V Module for DC Power Supply</td>
<td>85</td>
</tr>
<tr>
<td>94000901-01</td>
<td>Auxiliary</td>
<td>2000 VA Uninterruptible Power Supply</td>
<td>97</td>
</tr>
<tr>
<td>94000902-01</td>
<td>Auxiliary</td>
<td>Battery Pack for 94000901-01</td>
<td>97</td>
</tr>
<tr>
<td>94000942-10</td>
<td>Cables-Com4</td>
<td>Right Angle SMA Plug to SMA Plug Flexible Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>94000967-01</td>
<td>IEEE-488</td>
<td>Vector Signal Generator</td>
<td>86</td>
</tr>
<tr>
<td>94000968-01</td>
<td>IEEE-488</td>
<td>Vector Signal Analyzer</td>
<td>86</td>
</tr>
<tr>
<td>94000969-01</td>
<td>IEEE-488</td>
<td>Agile Signal Generator</td>
<td>86</td>
</tr>
<tr>
<td>94000982-01</td>
<td>MWS</td>
<td>Precision Frequency Reference with Internal Amplifier</td>
<td>81</td>
</tr>
<tr>
<td>94000982-03</td>
<td>MWS</td>
<td>Precision Frequency Reference</td>
<td>81</td>
</tr>
<tr>
<td>94000983-10</td>
<td>Cables-Com3</td>
<td>50 MHz Attenuator</td>
<td>133</td>
</tr>
<tr>
<td>94001021-01</td>
<td>Cables-Com4</td>
<td>3.5 mm Jack to 3.5 mm Jack Adapter</td>
<td>135</td>
</tr>
<tr>
<td>94001038-01</td>
<td>MWS</td>
<td>Optical Spectrum Analyzer</td>
<td>81</td>
</tr>
<tr>
<td>94001041-01</td>
<td>IEEE-488</td>
<td>IEEE Programmable Electronic Load (2.5 KW)</td>
<td>86</td>
</tr>
<tr>
<td>94001046-01</td>
<td>IEEE-488</td>
<td>VXI Microwave Synthesizer, 10 MHz to 20 GHz</td>
<td>86</td>
</tr>
<tr>
<td>94001053-03</td>
<td>IEEE-488</td>
<td>Microwave Synthesizer</td>
<td>86</td>
</tr>
<tr>
<td>94100174-10</td>
<td>Cables-Com2</td>
<td>DC Power Output Cable</td>
<td>132</td>
</tr>
<tr>
<td>94100190-10</td>
<td>Cables-Com2</td>
<td>AC Power Output Cable</td>
<td>132</td>
</tr>
<tr>
<td>94100191-10</td>
<td>Cables-Com2</td>
<td>Three-Phase AC Power Input Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100210-10</td>
<td>Cables-Com2</td>
<td>AC I/O Cable</td>
<td>132</td>
</tr>
<tr>
<td>94100240-10</td>
<td>Cables-Com2</td>
<td>DC I/O Cable</td>
<td>132</td>
</tr>
<tr>
<td>94100241-01</td>
<td>Cables-Com2</td>
<td>Cable Shield - BRAT® 405</td>
<td>93</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------</td>
<td>-----------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>94100179-03</td>
<td>Common Parts</td>
<td>Cable Shield - BRAT® 405</td>
<td>93</td>
</tr>
<tr>
<td>94100174-10</td>
<td>Cables-Com3</td>
<td>MMS 1 I/O Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100175-10</td>
<td>Cables-Com3</td>
<td>AC Power Input Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100175-30</td>
<td>Cables-Com3</td>
<td>AC Power Input Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100175-70</td>
<td>Cables-Com3</td>
<td>AC Power Input Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100176-10</td>
<td>Cables-Com4</td>
<td>Strain Relief Cable</td>
<td>135</td>
</tr>
<tr>
<td>94100176-30</td>
<td>Cables-Com4</td>
<td>Strain Relief Cable</td>
<td>135</td>
</tr>
<tr>
<td>94100176-50</td>
<td>Cables-Com4</td>
<td>Strain Relief Cable</td>
<td>135</td>
</tr>
<tr>
<td>94100176-70</td>
<td>Cables-Com4</td>
<td>Strain Relief Cable</td>
<td>135</td>
</tr>
<tr>
<td>94100184-10</td>
<td>Cables-Com2</td>
<td>MMS Interconnect Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100185-30</td>
<td>Cables-Com3</td>
<td>Power Input Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100185-50</td>
<td>Cables-Com3</td>
<td>Power Input Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100188-10</td>
<td>Cables-Com3</td>
<td>MMS 2 I/O Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100189-10</td>
<td>Cables-Com2</td>
<td>MMS 3 I/O Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100192-10</td>
<td>Cables-Com3</td>
<td>BNC to SMB Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100195-10</td>
<td>Cables-Com9</td>
<td>RFIU I/O Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100195-70</td>
<td>Cables-Com9</td>
<td>RFIU I/O Cable (BRAT® 405)</td>
<td>139</td>
</tr>
<tr>
<td>94100300-10</td>
<td>Cables-Com3</td>
<td>DC Master/Slave Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100304-10</td>
<td>Cables-Com9</td>
<td>DCPS External Channel Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100306-10</td>
<td>Cables-Com9</td>
<td>MSIB Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100306-30</td>
<td>Cables-Com9</td>
<td>MSIB Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100309-10</td>
<td>Cables-Com9</td>
<td>MSIB Interconnect Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100921-10</td>
<td>Cables-Com3</td>
<td>Syn 3 Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100923-10</td>
<td>Cables-Com9</td>
<td>Syn 3 I/O Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100927-10</td>
<td>Cables-Com3</td>
<td>Three-Phase Power I/O Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100930-10</td>
<td>Cables-Com9</td>
<td>Point to Point Twisted Pair Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100932-30</td>
<td>Cables-Com9</td>
<td>Point to Point Twisted Pair Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100934-10</td>
<td>Cables-Com9</td>
<td>50 Ω Point to Point Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100934-30</td>
<td>Cables-Com9</td>
<td>50 Ω Point to Point Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100937-10</td>
<td>Cables-Com9</td>
<td>Point to Point Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100938-10</td>
<td>Cables-Com1</td>
<td>160-Pin, 50 Ω Point to Point Cable</td>
<td>131</td>
</tr>
<tr>
<td>94100939-10</td>
<td>Cables-Com9</td>
<td>VXI I/O Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100941-10</td>
<td>Cables-Com9</td>
<td>VXI I/O Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100943-01</td>
<td>Auxiliary</td>
<td>Female Quick-Disconnect Connector (180 Pins)</td>
<td>97</td>
</tr>
<tr>
<td>94100944-10</td>
<td>Cables-Com9</td>
<td>VXI I/O Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100949-10</td>
<td>Cables-Com9</td>
<td>Power Cable</td>
<td>139</td>
</tr>
<tr>
<td>94100957-10</td>
<td>Cables-Com4</td>
<td>RF Power Cord</td>
<td>135</td>
</tr>
<tr>
<td>94100957-30</td>
<td>Cables-Com4</td>
<td>RF Power Cord (10 A - Europe)</td>
<td>135</td>
</tr>
<tr>
<td>94100957-50</td>
<td>Cables-Com4</td>
<td>RF Power Cord (16/21 A - US)</td>
<td>135</td>
</tr>
<tr>
<td>94100958-10</td>
<td>Transportable</td>
<td>Self Test VXI Case</td>
<td>139</td>
</tr>
<tr>
<td>94100958-30</td>
<td>Transportable</td>
<td>Self Test RF Case</td>
<td>139</td>
</tr>
<tr>
<td>94100960-10</td>
<td>Transportable</td>
<td>Transportable RF Upgrade</td>
<td>95</td>
</tr>
<tr>
<td>94100961-10</td>
<td>Transportable</td>
<td>Transportable VXI Case</td>
<td>95</td>
</tr>
<tr>
<td>94100964-10</td>
<td>Training/Maint</td>
<td>Self Test VXI Kit</td>
<td>139</td>
</tr>
<tr>
<td>94100964-30</td>
<td>Training/Maint</td>
<td>Self Test RF Kit</td>
<td>139</td>
</tr>
<tr>
<td>94100964-70</td>
<td>Training/Maint</td>
<td>Self Test RF Kit without Microwave Network Analyzer Calibration Kit</td>
<td>139</td>
</tr>
<tr>
<td>94100993-01</td>
<td>Common Parts</td>
<td>BNC Jack to Type N Jack Bulkhead Adapter</td>
<td>93</td>
</tr>
<tr>
<td>94100312-30</td>
<td>Auxiliary</td>
<td>Transportable Computer w/o Monitor</td>
<td>97</td>
</tr>
<tr>
<td>94100318-10</td>
<td>Cables-Com3</td>
<td>SPD Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100327-10</td>
<td>Auxiliary</td>
<td>Rack Mount LCD Keyboard and 18.1&quot; Monitor</td>
<td>97</td>
</tr>
<tr>
<td>94100328-10</td>
<td>Cables-Com3</td>
<td>Electronic Load Output Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100339-10</td>
<td>Cables-Com9</td>
<td>DCΩ Load I/O Cable</td>
<td>132</td>
</tr>
<tr>
<td>94100342-10</td>
<td>Cables-Com3</td>
<td>IEEE Extension Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100344-01</td>
<td>Common Parts</td>
<td>Left Inlet Connector Lock</td>
<td>93</td>
</tr>
<tr>
<td>94100344-09</td>
<td>Common Parts</td>
<td>Right Inlet Connector Lock</td>
<td>93</td>
</tr>
<tr>
<td>94100345-01</td>
<td>Common Parts</td>
<td>Left Outlet Connector Lock</td>
<td>93</td>
</tr>
<tr>
<td>94100345-09</td>
<td>Common Parts</td>
<td>Right Outlet Connector Lock</td>
<td>93</td>
</tr>
<tr>
<td>94100352-10</td>
<td>Cables-Com3</td>
<td>DB25 Male/Female Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100357-10</td>
<td>Cables-Com3</td>
<td>Printer Case</td>
<td>133</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>---------------</td>
<td>------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>94100373-10</td>
<td>Cables-Com3</td>
<td>Comm Port I/O Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100378-10</td>
<td>Auxiliary</td>
<td>Table Assembly</td>
<td>97</td>
</tr>
<tr>
<td>94100390-10</td>
<td>Cables-Com2</td>
<td>Point to Point Twisted Pair Cable</td>
<td>132</td>
</tr>
<tr>
<td>94100391-10</td>
<td>Cables-Com2</td>
<td>50 Ω Point to Point Cable</td>
<td>132</td>
</tr>
<tr>
<td>94100407-10</td>
<td>Cables-Com3</td>
<td>Power Module Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100411-01</td>
<td>Common Parts</td>
<td>Cable Retainer</td>
<td>93</td>
</tr>
<tr>
<td>94100420-10</td>
<td>Cables-Com3</td>
<td>Type N Plug to Type N Plug Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100421-10</td>
<td>Cables-Com3</td>
<td>SMA Plug to Type N Bulkhead Armored Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>94100492-01</td>
<td>Common Parts</td>
<td>100 Ω Coaxial Cable - 24&quot;</td>
<td>93</td>
</tr>
<tr>
<td>94100492-10</td>
<td>Cables-Com3</td>
<td>Computer Cooling Fan</td>
<td>133</td>
</tr>
<tr>
<td>94100499-10</td>
<td>Cables-Com3</td>
<td>Reset Switch</td>
<td>133</td>
</tr>
<tr>
<td>94100499-10</td>
<td>Cables-Com3</td>
<td>Computer LED</td>
<td>133</td>
</tr>
<tr>
<td>94100500-10</td>
<td>Equipment</td>
<td>Electronic Power Control Center - BRAT® with Rubidium</td>
<td>89</td>
</tr>
<tr>
<td>94100500-30</td>
<td>Equipment</td>
<td>Electronic Power Control Center - BRAT®</td>
<td>89</td>
</tr>
<tr>
<td>94100500-50</td>
<td>Equipment</td>
<td>Electronic Power Control Center - Single Phase</td>
<td>89</td>
</tr>
<tr>
<td>94100500-70</td>
<td>Equipment</td>
<td>Electronic Power Control Center - RF Rack</td>
<td>89</td>
</tr>
<tr>
<td>94100500-90</td>
<td>Equipment</td>
<td>Electronic Power Control Center - BRAT® with Rubidium</td>
<td>89</td>
</tr>
<tr>
<td>94100500-110</td>
<td>Equipment</td>
<td>Electronic Power Control Center - Single Phase</td>
<td>89</td>
</tr>
<tr>
<td>94100500-130</td>
<td>Equipment</td>
<td>Electronic Power Control Center - RF Rack</td>
<td>89</td>
</tr>
<tr>
<td>94100500-150</td>
<td>Equipment</td>
<td>Electronic Power Control Center - Single Phase with Rubidium (with Internal Drops)</td>
<td>89</td>
</tr>
<tr>
<td>94100500-230</td>
<td>Equipment</td>
<td>Electronic Power Control Center - Single Phase with Rubidium (with Rear Multi-Coax)</td>
<td>90</td>
</tr>
<tr>
<td>94100500-250</td>
<td>Equipment</td>
<td>Electronic Power Control Center - Single Phase with Rubidium (with Rear Multi-Coax)</td>
<td>90</td>
</tr>
<tr>
<td>94100508-01</td>
<td>IEEE-488</td>
<td>Phase Noise Drawer Case Assembly</td>
<td>95</td>
</tr>
<tr>
<td>94100548-01</td>
<td>Auxiliary</td>
<td>IDE Hot Swap Tray</td>
<td>97</td>
</tr>
<tr>
<td>94100550-01</td>
<td>Auxiliary</td>
<td>IDE Hot Swap Tray - Solenoid Lock Option</td>
<td>97</td>
</tr>
<tr>
<td>94100554-10</td>
<td>RFIU</td>
<td>Phase Balance Module</td>
<td>82</td>
</tr>
<tr>
<td>94100562-01</td>
<td>Auxiliary</td>
<td>Hard Disk Drive</td>
<td>97</td>
</tr>
<tr>
<td>94100564-01</td>
<td>Common Parts</td>
<td>PCI Network Card</td>
<td>93</td>
</tr>
<tr>
<td>94100579-10</td>
<td>Cables-Com3</td>
<td>IF I/O Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100573-10</td>
<td>Cables-Com3</td>
<td>Type N to Type N Bulkhead Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100586-10</td>
<td>Cables-Com3</td>
<td>Power Sensor Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100586-30</td>
<td>Cables-Com3</td>
<td>Power Sensor Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100604-01</td>
<td>Equipment</td>
<td>Frequency Counter</td>
<td>90</td>
</tr>
<tr>
<td>94100671-10</td>
<td>Equipment</td>
<td>Waveguide Pressurization Unit and Blower Assembly</td>
<td>90</td>
</tr>
<tr>
<td>94100671-30</td>
<td>Equipment</td>
<td>Waveguide Pressurization Unit</td>
<td>90</td>
</tr>
<tr>
<td>94100678-10</td>
<td>Cables-Com4</td>
<td>Blower Cable</td>
<td>135</td>
</tr>
<tr>
<td>94100679-10</td>
<td>Cables-Com3</td>
<td>Waveguide and Blower Assembly Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100706-01</td>
<td>Common Parts</td>
<td>DVD-ROM Player</td>
<td>93</td>
</tr>
<tr>
<td>94100723-10</td>
<td>Cables-Com4</td>
<td>Waveguide and Blower Assembly Cable</td>
<td>135</td>
</tr>
<tr>
<td>94100744-10</td>
<td>Cables-Com3</td>
<td>Inner Auxiliary AC Control Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100745-10</td>
<td>Cables-Com3</td>
<td>Auxiliary AC Power Output Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100750-01</td>
<td>IEEE-488</td>
<td>Power Distribution Unit</td>
<td>86</td>
</tr>
<tr>
<td>94100751-01</td>
<td>IEEE-488</td>
<td>Three-Phase Power Supply (Master)</td>
<td>86</td>
</tr>
<tr>
<td>94100752-01</td>
<td>IEEE-488</td>
<td>Three-Phase Power Supply (Slave)</td>
<td>86</td>
</tr>
<tr>
<td>94100766-10</td>
<td>RFIU</td>
<td>Timing Generator Module</td>
<td>83</td>
</tr>
<tr>
<td>94100776-10</td>
<td>Cables-Com2</td>
<td>Auxiliary AC Control Cable</td>
<td>132</td>
</tr>
<tr>
<td>94100777-10</td>
<td>Cables-Com2</td>
<td>Auxiliary AC Output Cable</td>
<td>132</td>
</tr>
<tr>
<td>94100778-10</td>
<td>Cables-Com3</td>
<td>Auxiliary AC Slave Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100780-10</td>
<td>Cables-Com3</td>
<td>SW PDU Control Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100799-10</td>
<td>Cables-Com1</td>
<td>AC Power Interface Drawer Assembly</td>
<td>131</td>
</tr>
<tr>
<td>94100804-10</td>
<td>Cables-Com2</td>
<td>Cable Assembly</td>
<td>132</td>
</tr>
<tr>
<td>94100805-10</td>
<td>Cables-Com4</td>
<td>Facility Ground Cable</td>
<td>135</td>
</tr>
<tr>
<td>94100860-10</td>
<td>Cables-Com3</td>
<td>Power Input Cable</td>
<td>133</td>
</tr>
<tr>
<td>94100956-01</td>
<td>Common Parts</td>
<td>PS/2 Mouse - BRAT® 100</td>
<td>93</td>
</tr>
<tr>
<td>94100957-01</td>
<td>Common Parts</td>
<td>PS/2 Keyboard - BRAT® 100</td>
<td>93</td>
</tr>
<tr>
<td>94101001-03</td>
<td>Auxiliary</td>
<td>Keyboard with Touchpad</td>
<td>97</td>
</tr>
<tr>
<td>94101013-10</td>
<td>Equipment</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>90</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>9410113-50</td>
<td>Equipment</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>100</td>
</tr>
<tr>
<td>9410113-OPT02</td>
<td>Equipment</td>
<td>Phase Noise Measurement System Reference Source Unit Option B2</td>
<td>100</td>
</tr>
<tr>
<td>9410113-52</td>
<td>Cables-Com4</td>
<td>Rear Panel Assembly</td>
<td>135</td>
</tr>
<tr>
<td>9410113-53</td>
<td>Cables-Com3</td>
<td>Rear Panel Assembly</td>
<td>135</td>
</tr>
<tr>
<td>9410113-54</td>
<td>Training/Maint</td>
<td>JSTARS AC Power Supply Loaded Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9410113-55</td>
<td>Cables-Com2</td>
<td>JSTARS AC Power Supply Loaded Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9410113-56</td>
<td>Cables-Com1</td>
<td>JSTARS AC Power Supply Loaded Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9410113-57</td>
<td>Cables-Com0</td>
<td>JSTARS AC Power Supply Loaded Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9410113-58</td>
<td>Equipment</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-59</td>
<td>Cables-Com9</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-60</td>
<td>Cables-Com8</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-61</td>
<td>Cables-Com7</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-62</td>
<td>Cables-Com6</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-63</td>
<td>Cables-Com5</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-64</td>
<td>Cables-Com4</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-65</td>
<td>Cables-Com3</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-66</td>
<td>Cables-Com2</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-67</td>
<td>Cables-Com1</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-68</td>
<td>Cables-Com0</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
</tbody>
</table>

**Index**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>9410113-50</td>
<td>Equipment</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>100</td>
</tr>
<tr>
<td>9410113-OPT02</td>
<td>Equipment</td>
<td>Phase Noise Measurement System Reference Source Unit Option B2</td>
<td>100</td>
</tr>
<tr>
<td>9410113-52</td>
<td>Cables-Com4</td>
<td>Rear Panel Assembly</td>
<td>135</td>
</tr>
<tr>
<td>9410113-53</td>
<td>Cables-Com3</td>
<td>Rear Panel Assembly</td>
<td>135</td>
</tr>
<tr>
<td>9410113-54</td>
<td>Training/Maint</td>
<td>JSTARS AC Power Supply Loaded Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9410113-55</td>
<td>Cables-Com2</td>
<td>JSTARS AC Power Supply Loaded Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9410113-56</td>
<td>Cables-Com1</td>
<td>JSTARS AC Power Supply Loaded Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9410113-57</td>
<td>Cables-Com0</td>
<td>JSTARS AC Power Supply Loaded Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9410113-58</td>
<td>Equipment</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-59</td>
<td>Cables-Com9</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-60</td>
<td>Cables-Com8</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-61</td>
<td>Cables-Com7</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-62</td>
<td>Cables-Com6</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-63</td>
<td>Cables-Com5</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-64</td>
<td>Cables-Com4</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-65</td>
<td>Cables-Com3</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-66</td>
<td>Cables-Com2</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-67</td>
<td>Cables-Com1</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>9410113-68</td>
<td>Cables-Com0</td>
<td>Phase Noise Measurement System Reference Source Unit</td>
<td>139</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>95000039-01</td>
<td>Auxiliary</td>
<td>Mobile Work Surface</td>
<td>98</td>
</tr>
<tr>
<td>95000043-01</td>
<td>IEEE-488</td>
<td>0 to 10 V Module for DC Power Supply</td>
<td>87</td>
</tr>
<tr>
<td>95000044-01</td>
<td>IEEE-488</td>
<td>0 to 40 V Module for DC Power Supply</td>
<td>87</td>
</tr>
<tr>
<td>95000045-01</td>
<td>IEEE-488</td>
<td>0 to 80 V Module for DC Power Supply</td>
<td>87</td>
</tr>
<tr>
<td>95000047-01</td>
<td>PC-Based</td>
<td>Digital to Synchro Resolver</td>
<td>95</td>
</tr>
<tr>
<td>95000047-03</td>
<td>PC-Based</td>
<td>Synchro Resolver to Digital</td>
<td>95</td>
</tr>
<tr>
<td>95000048-01</td>
<td>VXI</td>
<td>80 GHz Synthesized Signal Generator</td>
<td>77</td>
</tr>
<tr>
<td>95000049-01</td>
<td>VXI</td>
<td>Synchro/ Resolver Simulator and Indicating</td>
<td>77</td>
</tr>
<tr>
<td>95000050-01</td>
<td>VXI</td>
<td>ARINC-429 Test/Simulation and Monitor Card</td>
<td>77</td>
</tr>
<tr>
<td>95000051-01</td>
<td>VXI</td>
<td>ARINC-699 (DATA) Simulation and Test Board</td>
<td>77</td>
</tr>
<tr>
<td>95000056-01</td>
<td>PC-Based</td>
<td>ARINC-429 Test/Simulation and Monitor Card</td>
<td>95</td>
</tr>
<tr>
<td>95000057-01</td>
<td>PC-Based</td>
<td>ARINC-699 (DATA) Simulation and Test Board</td>
<td>95</td>
</tr>
<tr>
<td>95000279-10</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-30</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-50</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-70</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-90</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-110</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-130</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-150</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-170</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-190</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-210</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-250</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-270</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-290</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-310</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000279-330</td>
<td>Cables-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000280-10</td>
<td>Cables-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000281-10</td>
<td>Cables-Com4</td>
<td>SMB Plug to SMB Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000340-01</td>
<td>Calibrators</td>
<td>Calibration Kit for the Microwave Network Analyzer</td>
<td>68</td>
</tr>
<tr>
<td>95000341-01</td>
<td>Devel. Software</td>
<td>Guided Probe, D90</td>
<td>101</td>
</tr>
<tr>
<td>95000341-01RT</td>
<td>Runtime Software</td>
<td>Runtime Software for Guided Probe, D90</td>
<td>103</td>
</tr>
<tr>
<td>95000341-03</td>
<td>Devel. Software</td>
<td>Guided Probe, BRAT® Option B504</td>
<td>101</td>
</tr>
<tr>
<td>95000341-03RT</td>
<td>Runtime Software</td>
<td>Runtime Software for Guided Probe, BRAT® Option B504</td>
<td>101</td>
</tr>
<tr>
<td>95000341-05</td>
<td>Devel. Software</td>
<td>Guided Probe, BRAT® Option B504/500</td>
<td>101</td>
</tr>
<tr>
<td>95000341-05RT</td>
<td>Runtime Software</td>
<td>Runtime Software for Guided Probe, BRAT® Option B504/500</td>
<td>103</td>
</tr>
<tr>
<td>95000341-07</td>
<td>Devel. Software</td>
<td>Guided Probe, HCATS</td>
<td>101</td>
</tr>
<tr>
<td>95000341-07RT</td>
<td>Runtime Software</td>
<td>Runtime Software for Guided Probe, HCATS</td>
<td>103</td>
</tr>
<tr>
<td>95000450-10</td>
<td>IEEE-488</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>87</td>
</tr>
<tr>
<td>95000450-50</td>
<td>IEEE-488</td>
<td>Auxiliary RF Signal Processor/Matrix</td>
<td>87</td>
</tr>
<tr>
<td>95000524-10</td>
<td>IEEE-488</td>
<td>Phase Noise Measurement Drawer</td>
<td>87</td>
</tr>
<tr>
<td>95000600-10</td>
<td>Cables-Com3</td>
<td>Type N Plug to SMA Plug Signal Processor Drawer Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>95000601-10</td>
<td>Cables-Com3</td>
<td>SMA Plug to SMA Plug Signal Processor Drawer Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>95000602-10</td>
<td>Cables-Com3</td>
<td>TNC Plug to SMA Plug Signal Processor Drawer Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>95000603-10</td>
<td>Cables-Com3</td>
<td>Type N Plug to TNC Plug Armored Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>95000603-30</td>
<td>Cables-Com3</td>
<td>Type N Plug to TNC Plug Armored Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>95000618-03</td>
<td>Devel. Software</td>
<td>LASAR Post Processor, Fault Dictionary, and Guided Probe, D20</td>
<td>101</td>
</tr>
<tr>
<td>95000618-01</td>
<td>Devel. Software</td>
<td>LASAR Post Processor, Fault Dictionary, and Guided Probe, BRAT® Option B504</td>
<td>101</td>
</tr>
<tr>
<td>95000619-10</td>
<td>Cables-Com4</td>
<td>SMB Plug to SMA Plug Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95000658-01</td>
<td>Common Parts</td>
<td>Inrush Current Limiter</td>
<td>93</td>
</tr>
<tr>
<td>95000672</td>
<td>Devel. Software</td>
<td>On-Board Avionic System Analyzer-Troubleshooter Executive</td>
<td>102</td>
</tr>
<tr>
<td>95000673</td>
<td>Devel. Software</td>
<td>Data Word Formatting</td>
<td>102</td>
</tr>
<tr>
<td>95000682</td>
<td>IEEE-488</td>
<td>Target Generator/Dual-HF Synthesizer, Including Virtual Spectrum Analyzer Software Utility</td>
<td>87</td>
</tr>
<tr>
<td>95100020-10</td>
<td>Transportable</td>
<td>RIU Phase Noise Case with SPD</td>
<td>95</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>95650020-10</td>
<td>VXI</td>
<td>Driver Simulator</td>
<td>77</td>
</tr>
<tr>
<td>95650053-01</td>
<td>VXI</td>
<td>VXI Variable Gain Amplifier</td>
<td>77</td>
</tr>
<tr>
<td>95650071-03</td>
<td>Auxiliary</td>
<td>Rack Mount Keyboard</td>
<td>98</td>
</tr>
<tr>
<td>95650095-10</td>
<td>VXI</td>
<td>Stimulus MUX IAU CCA</td>
<td>78</td>
</tr>
<tr>
<td>95650095-30</td>
<td>VXI</td>
<td>Stimulus MUX IAU CCA</td>
<td>78</td>
</tr>
<tr>
<td>95650095-50</td>
<td>VXI</td>
<td>Stimulus MUX IAU CCA</td>
<td>78</td>
</tr>
<tr>
<td>95650132-10</td>
<td>Auxiliary</td>
<td>Rack Mount Computer Assembly</td>
<td>98</td>
</tr>
<tr>
<td>95650132-50</td>
<td>Auxiliary</td>
<td>Rack Mount Computer Assembly</td>
<td>98</td>
</tr>
<tr>
<td>95650134-10</td>
<td>IEEE-488</td>
<td>Rack Mount Oscilloscope</td>
<td>87</td>
</tr>
<tr>
<td>95650138-10</td>
<td>IEEE-488</td>
<td>Cable Tester Assembly</td>
<td>87</td>
</tr>
<tr>
<td>95650138-30</td>
<td>IEEE-488</td>
<td>Cable Tester Assembly</td>
<td>87</td>
</tr>
<tr>
<td>95650140-10</td>
<td>Auxiliary</td>
<td>Rack Mount Monitor</td>
<td>98</td>
</tr>
<tr>
<td>95650142-10</td>
<td>Equipment</td>
<td>Three-Phase Power Distribution System</td>
<td>90</td>
</tr>
<tr>
<td>95650143-10</td>
<td>Equipment</td>
<td>Single-Phase Power Distribution System</td>
<td>90</td>
</tr>
<tr>
<td>95650153-10</td>
<td>IEEE-488</td>
<td>Uninterruptible Power Supply</td>
<td>87</td>
</tr>
<tr>
<td>95650173-10</td>
<td>Auxiliary</td>
<td>Laser Jet Printer</td>
<td>98</td>
</tr>
<tr>
<td>95650309-11</td>
<td>Cables-Com4</td>
<td>BNC Male to BNC Male Coaxial Cable</td>
<td>135</td>
</tr>
<tr>
<td>95650585-10</td>
<td>VXI</td>
<td>Digital Driver Simulator Module</td>
<td>78</td>
</tr>
<tr>
<td>95650701-01</td>
<td>IEEE-488</td>
<td>Digital Oscilloscope</td>
<td>87</td>
</tr>
<tr>
<td>95650702-01</td>
<td>Auxiliary</td>
<td>Laser Jet Printer</td>
<td>98</td>
</tr>
<tr>
<td>95650704-01</td>
<td>Auxiliary</td>
<td>Rack Mount Computer</td>
<td>98</td>
</tr>
<tr>
<td>95650705-01</td>
<td>Auxiliary</td>
<td>Rack Mount Keyboard</td>
<td>98</td>
</tr>
<tr>
<td>96000001-UPG</td>
<td>Hardware Upgrades</td>
<td>BRAT® Option 504 Controller I/O Upgrade - Increased Memory</td>
<td>93</td>
</tr>
<tr>
<td>96000001-01</td>
<td>VXI</td>
<td>50 MHz Digital Interface Timing Module</td>
<td>78</td>
</tr>
<tr>
<td>96000001-03</td>
<td>VXI</td>
<td>50 MHz Timing/Control Module</td>
<td>78</td>
</tr>
<tr>
<td>96000002-01</td>
<td>VXI</td>
<td>50 MHz TTL/CMOS/ECL Pattern Module</td>
<td>78</td>
</tr>
<tr>
<td>96000003-01</td>
<td>MMS</td>
<td>Tracking Generator (20 Hz to 2.9 GHz)</td>
<td>81</td>
</tr>
<tr>
<td>96000003-03</td>
<td>MMS</td>
<td>Tracking Generator (2.7 GHz to 18 GHz)</td>
<td>81</td>
</tr>
<tr>
<td>96000005-01</td>
<td>VXI</td>
<td>32-Bit Array Processor</td>
<td>78</td>
</tr>
<tr>
<td>96000007-03</td>
<td>VXI</td>
<td>50 MHz Variable I/O Module, 504 Configured, Dual Termination</td>
<td>78</td>
</tr>
<tr>
<td>9600012-01</td>
<td>VXI</td>
<td>32-Channel Differential ECL I/O Module</td>
<td>78</td>
</tr>
<tr>
<td>9600013-01</td>
<td>VXI</td>
<td>Timing Module Extension Card (Dual)</td>
<td>78</td>
</tr>
<tr>
<td>9600013-03</td>
<td>VXI</td>
<td>Timing Module Extension Card (Single)</td>
<td>78</td>
</tr>
<tr>
<td>9600014-01</td>
<td>VXI</td>
<td>High Power Mainframe - 6 Slots</td>
<td>78</td>
</tr>
<tr>
<td>9600014-03</td>
<td>VXI</td>
<td>High Power Mainframe - 13 Slots</td>
<td>79</td>
</tr>
<tr>
<td>9600015-01</td>
<td>Auxiliary</td>
<td>Current Sharing Power Supply</td>
<td>98</td>
</tr>
<tr>
<td>9600015-03</td>
<td>Auxiliary</td>
<td>AC Current Sharing Power Supply</td>
<td>98</td>
</tr>
<tr>
<td>9600016-01</td>
<td>VXI</td>
<td>VXI-MXI-2 Kit (With Cable)</td>
<td>79</td>
</tr>
<tr>
<td>9600016-03</td>
<td>VXI</td>
<td>VXI-MXI-2 Kit (Without Cable)</td>
<td>79</td>
</tr>
<tr>
<td>9600017-01</td>
<td>VXI</td>
<td>VXI-MXI-2 Extender</td>
<td>79</td>
</tr>
<tr>
<td>9600017-03</td>
<td>VXI</td>
<td>VXI-MXI-3 Extender</td>
<td>79</td>
</tr>
<tr>
<td>96000020-01</td>
<td>IEEE-488</td>
<td>Programmable Electronic Load</td>
<td>87</td>
</tr>
<tr>
<td>96000021-01</td>
<td>IEEE-488</td>
<td>1 KW Programmable Power Supply</td>
<td>87</td>
</tr>
<tr>
<td>96000021-05</td>
<td>Parts/Assemblies</td>
<td>0 to 600 Vdc Power Supply</td>
<td>136</td>
</tr>
<tr>
<td>96000022-01</td>
<td>IEEE-488</td>
<td>Programmable Load Power Supply</td>
<td>88</td>
</tr>
<tr>
<td>96000025-01</td>
<td>PC-Based</td>
<td>PCI-MXI-2 Card</td>
<td>95</td>
</tr>
<tr>
<td>96000033-01</td>
<td>Common Parts</td>
<td>200 Position Pin Header with .533 Tails for RFI Receiver</td>
<td>93</td>
</tr>
<tr>
<td>96000038-10</td>
<td>Cables-Com2</td>
<td>6-Module Front Panel</td>
<td>132</td>
</tr>
<tr>
<td>96000049-10</td>
<td>Cables-Com4</td>
<td>AC Power Cable</td>
<td>135</td>
</tr>
<tr>
<td>96000050-10</td>
<td>Cables-Com4</td>
<td>Bus Bar Ground Cable</td>
<td>135</td>
</tr>
<tr>
<td>96000050-30</td>
<td>Cables-Com4</td>
<td>Bus Bar Ground Cable</td>
<td>135</td>
</tr>
<tr>
<td>96000053-10</td>
<td>Cables-Com4</td>
<td>Power Supply Cable</td>
<td>135</td>
</tr>
<tr>
<td>96000059-10</td>
<td>Cables-Com3</td>
<td>32-Pin Point to Point Cable</td>
<td>133</td>
</tr>
<tr>
<td>96000060-10</td>
<td>Cables-Com4</td>
<td>2-Pin Point to Point Cable</td>
<td>135</td>
</tr>
<tr>
<td>96000063-10</td>
<td>Cables-Com1</td>
<td>RFI Receiver Panel</td>
<td>131</td>
</tr>
<tr>
<td>96000063-30</td>
<td>Cables-Com3</td>
<td>DCPS Loads Cable</td>
<td>133</td>
</tr>
<tr>
<td>96000068-10</td>
<td>Cables-Com3</td>
<td>DCPS Loads Cable</td>
<td>133</td>
</tr>
<tr>
<td>96000068-30</td>
<td>Cables-Com3</td>
<td>DCPS Loads Cable</td>
<td>133</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>96000069-10</td>
<td>Cables-Com3</td>
<td>Sense and Signal Cable</td>
<td>133</td>
</tr>
<tr>
<td>96000070-01</td>
<td>Cables-Com3</td>
<td>Right Angle/Right Angle Daisy Chain MXI-2 Cable</td>
<td>133</td>
</tr>
<tr>
<td>96000071-01</td>
<td>Cables-Com3</td>
<td>Right Angle/Bulkhead MXI-2 Cable</td>
<td>133</td>
</tr>
<tr>
<td>96000072-01</td>
<td>Cables-Com2</td>
<td>Straight/Bulkhead MXI-2 Cable</td>
<td>132</td>
</tr>
<tr>
<td>96000089-10</td>
<td>Cables-Com2</td>
<td>Self Test Cable</td>
<td>132</td>
</tr>
<tr>
<td>96000094-10</td>
<td>Cables-Com2</td>
<td>Power Output Bulkhead Cable</td>
<td>132</td>
</tr>
<tr>
<td>96000097-10</td>
<td>Cables-Com1</td>
<td>Self Test Plug</td>
<td>131</td>
</tr>
<tr>
<td>96000105-01</td>
<td>Cables-Com2</td>
<td>PCI-MXI-2 CCA</td>
<td>132</td>
</tr>
<tr>
<td>96000137-10</td>
<td>VXI</td>
<td>RFI ECL Module I/O CCA</td>
<td>79</td>
</tr>
<tr>
<td>96000143-10</td>
<td>Cables-Com2</td>
<td>Shorting Plug - Option 500</td>
<td>132</td>
</tr>
<tr>
<td>96000144-10</td>
<td>Cables-Com3</td>
<td>200-Pin Shorting Plug CCA</td>
<td>133</td>
</tr>
<tr>
<td>96000146-10</td>
<td>Cables-Com2</td>
<td>RFI-VXI I/O Cable Assembly</td>
<td>132</td>
</tr>
<tr>
<td>96000148-30</td>
<td>Cables-Com2</td>
<td>RFI-VXI I/O Cable Assembly</td>
<td>132</td>
</tr>
<tr>
<td>96000148-50</td>
<td>Cables-Com2</td>
<td>RFI-VXI I/O Cable Assembly</td>
<td>132</td>
</tr>
<tr>
<td>96000150-10</td>
<td>Cables-Com2</td>
<td>DCPS Loads Cable Assembly</td>
<td>132</td>
</tr>
<tr>
<td>96000151-10</td>
<td>Cables-Com2</td>
<td>DCPS Loads Cable Assembly</td>
<td>132</td>
</tr>
<tr>
<td>96000152-10</td>
<td>Cables-Com2</td>
<td>ECL Module I/O Cable Assembly</td>
<td>132</td>
</tr>
<tr>
<td>96000160-10</td>
<td>Cables-Com2</td>
<td>Timing Module I/O Cable Assembly</td>
<td>132</td>
</tr>
<tr>
<td>96000169-10</td>
<td>Equipment</td>
<td>1.9 MHz Low Pass Filter Assembly</td>
<td>90</td>
</tr>
<tr>
<td>96000169-30</td>
<td>Equipment</td>
<td>1.9 MHz Low Pass Filter Assembly</td>
<td>90</td>
</tr>
<tr>
<td>96000170-10</td>
<td>Equipment</td>
<td>1.9 MHz Low Pass Filter Assembly</td>
<td>90</td>
</tr>
<tr>
<td>96000171-01</td>
<td>Common Parts</td>
<td>Type N Plug to SMA Jack Adapter</td>
<td>93</td>
</tr>
<tr>
<td>96000173-10</td>
<td>Cables-Com2</td>
<td>504 Self Test Case Assembly</td>
<td>132</td>
</tr>
<tr>
<td>96200010-10</td>
<td>Cables-Com2</td>
<td>1330 Latch Cable</td>
<td>132</td>
</tr>
<tr>
<td>96200013-10</td>
<td>Cables-Com2</td>
<td>CCA Housing</td>
<td>132</td>
</tr>
<tr>
<td>96200013-30</td>
<td>Cables-Com2</td>
<td>CCA Housing</td>
<td>132</td>
</tr>
<tr>
<td>96200013-50</td>
<td>Cables-Com2</td>
<td>CCA Housing</td>
<td>132</td>
</tr>
<tr>
<td>96200013-70</td>
<td>Cables-Com2</td>
<td>CCA Housing</td>
<td>132</td>
</tr>
<tr>
<td>96200013-90</td>
<td>Cables-Com2</td>
<td>CCA Housing</td>
<td>132</td>
</tr>
<tr>
<td>96200017-01</td>
<td>Cables-Com4</td>
<td>ZIF Wire Wrap Receptacle Connector</td>
<td>135</td>
</tr>
<tr>
<td>96200026-10</td>
<td>Cables-Com2</td>
<td>30-Pin, 50 Ω Point to Point Cable</td>
<td>132</td>
</tr>
<tr>
<td>96200027-10</td>
<td>Cables-Com2</td>
<td>30-Pin, Twisted Pair Cable</td>
<td>132</td>
</tr>
<tr>
<td>96200028-10</td>
<td>Cables-Com2</td>
<td>24-Pin, 50 Ω Point to Point Cable</td>
<td>132</td>
</tr>
<tr>
<td>96200029-10</td>
<td>Cables-Com2</td>
<td>24-Pin, Twisted Pair Cable</td>
<td>132</td>
</tr>
<tr>
<td>96200031-10</td>
<td>Cables-Com3</td>
<td>Switch 1 to Switch 2 Cable</td>
<td>133</td>
</tr>
<tr>
<td>96200032-10</td>
<td>Cables-Com3</td>
<td>Switch 1 to DMM Cable</td>
<td>133</td>
</tr>
<tr>
<td>96200033-10</td>
<td>Cables-Com4</td>
<td>Switch 4 to Switch 3 Cable</td>
<td>135</td>
</tr>
<tr>
<td>96200037-10</td>
<td>Cables-Com4</td>
<td>BNC to Header Cable</td>
<td>135</td>
</tr>
<tr>
<td>96200038-10</td>
<td>Cables-Com4</td>
<td>Switch 3 to Arb Cable</td>
<td>135</td>
</tr>
<tr>
<td>96200039-10</td>
<td>Cables-Com4</td>
<td>Switch 3 to Switch 5 Cable</td>
<td>135</td>
</tr>
<tr>
<td>96200041-10</td>
<td>Cables-Com3</td>
<td>Ground Cable</td>
<td>133</td>
</tr>
<tr>
<td>96200042-01</td>
<td>Cables-Com4</td>
<td>BNC Jack to BNC Jack Adapter</td>
<td>135</td>
</tr>
<tr>
<td>96200045-10</td>
<td>Cables-Com2</td>
<td>System Cable</td>
<td>132</td>
</tr>
<tr>
<td>96200050-10</td>
<td>Cables-Com3</td>
<td>Switch 2 to Switch 3 Cable</td>
<td>133</td>
</tr>
<tr>
<td>96200051-01</td>
<td>Common Parts</td>
<td>Connector Spacer</td>
<td>93</td>
</tr>
<tr>
<td>96200051-03</td>
<td>Common Parts</td>
<td>Connector Spacer</td>
<td>93</td>
</tr>
<tr>
<td>96200059-10</td>
<td>Cables-Com3</td>
<td>Station Ground Cable</td>
<td>133</td>
</tr>
<tr>
<td>96238203-01</td>
<td>Common Parts</td>
<td>Female to Female GPIB Bulkhead Connector</td>
<td>93</td>
</tr>
<tr>
<td>96238204-01</td>
<td>Common Parts</td>
<td>Male to Male In-line GPIB Cable</td>
<td>93</td>
</tr>
<tr>
<td>96648240-30</td>
<td>Cables-Com3</td>
<td>SMA Plug to SMB Plug RF Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>96648302-10</td>
<td>Auxiliary</td>
<td>Differential Driver CCA</td>
<td>98</td>
</tr>
<tr>
<td>96648363-10</td>
<td>Parts/Assemblies</td>
<td>Input/Output Drawer Assembly</td>
<td>136</td>
</tr>
<tr>
<td>96648365-10</td>
<td>Parts/Assemblies</td>
<td>High Voltage Isolated Load Assembly</td>
<td>136</td>
</tr>
<tr>
<td>96648400-10</td>
<td>Parts/Assemblies</td>
<td>Low Voltage Isolated Load Assembly</td>
<td>136</td>
</tr>
<tr>
<td>96648730-10</td>
<td>Parts/Assemblies</td>
<td>Switching Regulator Enclosure Assembly</td>
<td>136</td>
</tr>
<tr>
<td>96648818-10</td>
<td>Parts/Assemblies</td>
<td>Cathode Monitor Control CCA</td>
<td>136</td>
</tr>
<tr>
<td>96648819-10</td>
<td>Parts/Assemblies</td>
<td>Cathode Monitor Relay Assembly</td>
<td>136</td>
</tr>
<tr>
<td>96648834-10</td>
<td>Parts/Assemblies</td>
<td>Video Selector CCA</td>
<td>136</td>
</tr>
<tr>
<td>96648840-10</td>
<td>Parts/Assemblies</td>
<td>Ground Deck Pulser CCA</td>
<td>136</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
<td>----------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>96648843-10</td>
<td>Parts/Assemblies</td>
<td>Clock Driver CCA</td>
<td>136</td>
</tr>
<tr>
<td>96648846-10</td>
<td>Parts/Assemblies</td>
<td>Protection and Control CCA</td>
<td>136</td>
</tr>
<tr>
<td>96648919-10</td>
<td>Parts/Assemblies</td>
<td>ITA Cable Set</td>
<td>136</td>
</tr>
<tr>
<td>96648920-10</td>
<td>Parts/Assemblies</td>
<td>Frame Harness Assembly</td>
<td>136</td>
</tr>
<tr>
<td>96740017-05</td>
<td>IEEE-488</td>
<td>Peak Power Meter</td>
<td>88</td>
</tr>
<tr>
<td>96740017-07</td>
<td>IEEE-488</td>
<td>Dual-Channel Peak Power Meter</td>
<td>88</td>
</tr>
<tr>
<td>96740019-01</td>
<td>IEEE-488</td>
<td>Peak Power Sensor</td>
<td>88</td>
</tr>
<tr>
<td>96740019-03</td>
<td>IEEE-488</td>
<td>Peak Power Sensor</td>
<td>88</td>
</tr>
<tr>
<td>96740021-01</td>
<td>IEEE-488</td>
<td>Frequency Synthesizer</td>
<td>88</td>
</tr>
<tr>
<td>96740021-03</td>
<td>IEEE-488</td>
<td>Upgraded Frequency Synthesizer</td>
<td>88</td>
</tr>
<tr>
<td>96740021-05</td>
<td>IEEE-488</td>
<td>Frequency Synthesizer</td>
<td>88</td>
</tr>
<tr>
<td>96740029-03</td>
<td>IEEE-488</td>
<td>Power Amplifier</td>
<td>88</td>
</tr>
<tr>
<td>96740045-10</td>
<td>RFIU</td>
<td>L-Band Signal Conditioning Module</td>
<td>83</td>
</tr>
<tr>
<td>96740070-10</td>
<td>RFIU</td>
<td>Reference Generator Module</td>
<td>83</td>
</tr>
<tr>
<td>96740103-10</td>
<td>RFIU</td>
<td>CPSM Modulator/Demodulator Module</td>
<td>83</td>
</tr>
<tr>
<td>9674099-10</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>9674099-10</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>9674099-10</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>9674095-10</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>96740304-10</td>
<td>Cables-Com9</td>
<td>RF Cable Assembly</td>
<td>139</td>
</tr>
<tr>
<td>96740304-30</td>
<td>Cables-Com9</td>
<td>RF Cable Assembly</td>
<td>139</td>
</tr>
<tr>
<td>96740304-50</td>
<td>Cables-Com9</td>
<td>RF Cable Assembly</td>
<td>139</td>
</tr>
<tr>
<td>96740309-10</td>
<td>Cables-Com4</td>
<td>Cable Assembly</td>
<td>135</td>
</tr>
<tr>
<td>96740310-10</td>
<td>Cables-Com9</td>
<td>Cable Assembly</td>
<td>139</td>
</tr>
<tr>
<td>96740311-10</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>96740311-30</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>96740311-50</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>96740311-70</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>96740312-10</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>96740313-10</td>
<td>Cables-Com3</td>
<td>Cable Assembly</td>
<td>133</td>
</tr>
<tr>
<td>9674039-10</td>
<td>Cables-Com9</td>
<td>Reference Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9674039-10</td>
<td>Cables-Com9</td>
<td>Frequency Self Test Cable</td>
<td>139</td>
</tr>
<tr>
<td>9674039-10</td>
<td>Cables-Com9</td>
<td>RF Self Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>9674039-30</td>
<td>Cables-Com3</td>
<td>RF Self Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>9674039-50</td>
<td>Cables-Com3</td>
<td>RF Self Test Cable</td>
<td>133</td>
</tr>
<tr>
<td>96740502-03</td>
<td>Cables-Com3</td>
<td>2 W, 6 GHz Termination</td>
<td>133</td>
</tr>
<tr>
<td>96740504-01</td>
<td>Cables-Com4</td>
<td>IEEE-488 Cable</td>
<td>135</td>
</tr>
<tr>
<td>96740505-01</td>
<td>Cables-Com4</td>
<td>IEEE-488 Extender</td>
<td>135</td>
</tr>
<tr>
<td>96740505-01</td>
<td>Cables-Com9</td>
<td>Peak Power Sensor Cable</td>
<td>139</td>
</tr>
<tr>
<td>96740560-01</td>
<td>Cables-Com4</td>
<td>IEEE-488 Cable</td>
<td>135</td>
</tr>
<tr>
<td>9674093-01</td>
<td>Cables-Com4</td>
<td>Female to Female Gender Changer</td>
<td>135</td>
</tr>
<tr>
<td>96740935-01</td>
<td>Cables-Com4</td>
<td>Male to Male Data Cable</td>
<td>135</td>
</tr>
<tr>
<td>96740936-01</td>
<td>Cables-Com4</td>
<td>25-Pin to 36-Pin Data Cable</td>
<td>135</td>
</tr>
<tr>
<td>96740956-10</td>
<td>Auxiliary</td>
<td>High Frequency Probe Kit</td>
<td>98</td>
</tr>
<tr>
<td>9674099-10</td>
<td>Cables-Com2</td>
<td>CPSM Self Test Cable</td>
<td>132</td>
</tr>
<tr>
<td>96741022-10</td>
<td>Cables-Com2</td>
<td>ECL Self Test Cable</td>
<td>132</td>
</tr>
<tr>
<td>96741081-10</td>
<td>Cables-Com2</td>
<td>Termination Plug</td>
<td>132</td>
</tr>
<tr>
<td>97000001-10</td>
<td>RFIU</td>
<td>KPA Synchronizer</td>
<td>83</td>
</tr>
<tr>
<td>97881021-30</td>
<td>Cables-Com4</td>
<td>BNC Plug to BNC Plug Cable</td>
<td>135</td>
</tr>
<tr>
<td>98000100-30</td>
<td>VXI</td>
<td>Programmable Video Generator and Analyzer Module (A-10)</td>
<td>79</td>
</tr>
<tr>
<td>98307257-10</td>
<td>Cables-Com4</td>
<td>TPS Case Assembly (1 Compartment)</td>
<td>135</td>
</tr>
<tr>
<td>98715001-01</td>
<td>Equipment</td>
<td>DC Power Supply</td>
<td>90</td>
</tr>
<tr>
<td>98715001-03</td>
<td>Equipment</td>
<td>DC Power Supply</td>
<td>90</td>
</tr>
<tr>
<td>98715002-01</td>
<td>Equipment</td>
<td>Relay Matrix</td>
<td>90</td>
</tr>
<tr>
<td>98715003-01</td>
<td>Equipment</td>
<td>Form C Relays</td>
<td>91</td>
</tr>
<tr>
<td>98715004-01</td>
<td>Equipment</td>
<td>Rail Generator for 98715005-01</td>
<td>91</td>
</tr>
<tr>
<td>98715005-01</td>
<td>Equipment</td>
<td>Programmable Level Dynamic Digital Unit</td>
<td>91</td>
</tr>
<tr>
<td>98715006-01</td>
<td>Equipment</td>
<td>Variable I/O Module for 98715005-01</td>
<td>91</td>
</tr>
<tr>
<td>98715007-01</td>
<td>Equipment</td>
<td>Static Digital Latch</td>
<td>91</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>----------------</td>
<td>----------</td>
<td>-------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>98715008-01</td>
<td>Equipment</td>
<td>Programmable Resistance Module</td>
<td>91</td>
</tr>
<tr>
<td>98715009-01</td>
<td>Equipment</td>
<td>Phase Angle Voltmeter</td>
<td>91</td>
</tr>
<tr>
<td>98715010-01</td>
<td>Equipment</td>
<td>Synchro/Resolver Simulator and Indicator</td>
<td>91</td>
</tr>
<tr>
<td>98715011-01</td>
<td>Equipment</td>
<td>Power Digital to Analog Converter</td>
<td>91</td>
</tr>
<tr>
<td>98715012-01</td>
<td>Equipment</td>
<td>Arbitrary Waveform Generator</td>
<td>91</td>
</tr>
<tr>
<td>98715013-01</td>
<td>Equipment</td>
<td>Dual-Pulse, Arbitrary Function Generator</td>
<td>91</td>
</tr>
<tr>
<td>98715014-01</td>
<td>Equipment</td>
<td>Blower Assembly</td>
<td>91</td>
</tr>
<tr>
<td>98715015-01</td>
<td>Equipment</td>
<td>DC Power Supply</td>
<td>91</td>
</tr>
<tr>
<td>98715016-01</td>
<td>Equipment</td>
<td>Power Amplifier</td>
<td>91</td>
</tr>
<tr>
<td>98715016-03</td>
<td>Equipment</td>
<td>Power Amplifier</td>
<td>91</td>
</tr>
<tr>
<td>98715017-01</td>
<td>Equipment</td>
<td>Rack Blower Assembly</td>
<td>91</td>
</tr>
<tr>
<td>98715015-01</td>
<td>Equipment</td>
<td>Blower Assembly</td>
<td>92</td>
</tr>
<tr>
<td>99000049-30</td>
<td>Cables-Com3</td>
<td>Rear Panel Assembly</td>
<td>133</td>
</tr>
<tr>
<td>99000328-10</td>
<td>Auxiliary</td>
<td>Rack Mount LCD Keyboard and 18.1&quot; Monitor</td>
<td>98</td>
</tr>
<tr>
<td>A-LRU-00-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - LRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-00-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-01-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-01-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-01-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-02-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-02-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-02-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-03-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-03-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-03-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-04-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-04-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-04-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-05-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-05-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-05-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-06-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-06-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-06-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-07-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-08-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-09-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>A-LRU-10-ITA</td>
<td>ITA-LRU</td>
<td>Analog TPS Development - LRU ITA - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-00-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-00-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-01-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-01-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-01-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-02-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-02-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-02-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-03-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-03-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-03-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-04-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-04-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-04-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-05-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-05-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-05-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-06-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-06-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-06-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-07-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>----------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>A-SRU-07-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-07-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-08-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-08-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-08-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-09-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-09-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-09-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-10-ITA</td>
<td>ITA-SRU</td>
<td>Analog TPS Development - SRU ITA - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-10-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-10-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-11-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-11-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-12-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 12.0 to 12.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-12-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 12.0 to 12.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-13-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 13.0 to 13.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-13-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 13.0 to 13.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-14-TPS</td>
<td>TPS</td>
<td>Analog TPS Development - SRU - Complexity 14.0 to 14.9</td>
<td>140</td>
</tr>
<tr>
<td>A-SRU-14-TPSU</td>
<td>TPS</td>
<td>Analog TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 14.0 to 14.9</td>
<td>140</td>
</tr>
<tr>
<td>A-603</td>
<td>Support Services</td>
<td>Analyst</td>
<td>142</td>
</tr>
<tr>
<td>AA-1001</td>
<td>Support Services</td>
<td>Administrative Assistant</td>
<td>142</td>
</tr>
<tr>
<td>AE-201</td>
<td>TPS</td>
<td>Ancillary Equipment - Complexity 1.0 to 1.9</td>
<td>141</td>
</tr>
<tr>
<td>AE-202</td>
<td>TPS</td>
<td>Ancillary Equipment - Complexity 2.0 to 2.9</td>
<td>141</td>
</tr>
<tr>
<td>AE-203</td>
<td>TPS</td>
<td>Ancillary Equipment - Complexity 3.0 to 3.9</td>
<td>141</td>
</tr>
<tr>
<td>AE-204</td>
<td>TPS</td>
<td>Ancillary Equipment - Complexity 4.0 to 4.9</td>
<td>141</td>
</tr>
<tr>
<td>AE-205</td>
<td>TPS</td>
<td>Ancillary Equipment - Complexity 5.0 to 5.9</td>
<td>141</td>
</tr>
<tr>
<td>AE-206</td>
<td>TPS</td>
<td>Ancillary Equipment - Complexity 6.0 to 6.9</td>
<td>141</td>
</tr>
<tr>
<td>AE-207</td>
<td>TPS</td>
<td>Ancillary Equipment - Complexity 7.0 to 7.9</td>
<td>141</td>
</tr>
<tr>
<td>AE-208</td>
<td>TPS</td>
<td>Ancillary Equipment - Complexity 8.0 to 8.9</td>
<td>141</td>
</tr>
<tr>
<td>AE-209</td>
<td>TPS</td>
<td>Ancillary Equipment - Complexity 9.0 to 9.9</td>
<td>141</td>
</tr>
<tr>
<td>AT-105</td>
<td>Training/Maint</td>
<td>Advanced Training - BRAT® 105 Maintenance (up to 5 students)</td>
<td>139</td>
</tr>
<tr>
<td>AT-3058</td>
<td>Training/Maint</td>
<td>Advanced Training - BRAT® 3058 Maintenance (up to 5 students)</td>
<td>139</td>
</tr>
<tr>
<td>AT-405</td>
<td>Training/Maint</td>
<td>Advanced Operation and Maintenance Training (up to 5 students)</td>
<td>139</td>
</tr>
<tr>
<td>AVS</td>
<td>Auxiliary</td>
<td>Advanced Video System Board Assembly</td>
<td>98</td>
</tr>
<tr>
<td>BMR-101</td>
<td>BRAT® Tester Repairs</td>
<td>BRAT® Tester Repair - Complexity 1</td>
<td>110</td>
</tr>
<tr>
<td>BMR-102</td>
<td>BRAT® Tester Repairs</td>
<td>BRAT® Tester Repair - Complexity 2</td>
<td>110</td>
</tr>
<tr>
<td>BMR-103</td>
<td>BRAT® Tester Repairs</td>
<td>BRAT® Tester Repair - Complexity 3</td>
<td>110</td>
</tr>
<tr>
<td>BMR-104</td>
<td>BRAT® Tester Repairs</td>
<td>BRAT® Tester Repair - Complexity 4</td>
<td>110</td>
</tr>
<tr>
<td>BMR-105</td>
<td>BRAT® Tester Repairs</td>
<td>BRAT® Tester Repair - Complexity 5</td>
<td>110</td>
</tr>
<tr>
<td>BRATNET SERV</td>
<td>Auxiliary</td>
<td>BRATNet® Server Application</td>
<td>98</td>
</tr>
<tr>
<td>BRTESS&amp;R-11</td>
<td>BRAT® Tester</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 12 months)</td>
<td>115</td>
</tr>
<tr>
<td>BRTESS&amp;R-12</td>
<td>BRAT® Tester</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 12 months)</td>
<td>115</td>
</tr>
<tr>
<td>BRTESS&amp;R-13</td>
<td>BRAT® Tester</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 12 months)</td>
<td>115</td>
</tr>
<tr>
<td>BRTESS&amp;R-60-3MO</td>
<td>BRAT® Tester</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 3 months)</td>
<td>115</td>
</tr>
<tr>
<td>BRTESS&amp;R-60-6MO</td>
<td>BRAT® Tester</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 60 Testers (for 6 months)</td>
<td>115</td>
</tr>
<tr>
<td>BRTESS&amp;R-90-3MO</td>
<td>BRAT® Tester</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 90 Testers (for 3 months)</td>
<td>115</td>
</tr>
<tr>
<td>BRTESS&amp;R-90-6MO</td>
<td>BRAT® Tester</td>
<td>BRAT® Tester All Inclusive Support &amp; Repairs - up to 90 Testers (for 6 months)</td>
<td>115</td>
</tr>
<tr>
<td>BRTESS&amp;RA-11</td>
<td>BRAT® Tester</td>
<td>FY11 BRAT® Tester All Inclusive Support &amp; Repairs - 61 to 90 Testers (for 12 months)</td>
<td>115</td>
</tr>
<tr>
<td>BRTESS&amp;RA-12</td>
<td>BRAT® Tester</td>
<td>FY12 BRAT® Tester All Inclusive Support &amp; Repairs - 61 to 90 Testers (for 12 months)</td>
<td>115</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>B504 Systems</td>
<td>BRAT® Option</td>
<td>B504 High Speed Digital Test System</td>
<td>32-33</td>
</tr>
<tr>
<td>BU105-01</td>
<td>Systems</td>
<td>BRAT® 105 Option 01 Conversion Kit</td>
<td>62</td>
</tr>
<tr>
<td>BU105-02</td>
<td>Systems</td>
<td>BRAT® 105 Option 02/03 Conversion Kit</td>
<td>62</td>
</tr>
<tr>
<td>BU105-04</td>
<td>Systems</td>
<td>BRAT® 105 Option 01 to BRAT® 105 Option 02/03 Conversion Kit</td>
<td>62</td>
</tr>
<tr>
<td>B101 Systems</td>
<td>Test System</td>
<td>B101 Test System</td>
<td>13</td>
</tr>
<tr>
<td>B103 Systems</td>
<td>Test System</td>
<td>B103 Test System</td>
<td>13</td>
</tr>
<tr>
<td>B105 Systems</td>
<td>Test System</td>
<td>B105 Test System</td>
<td>14</td>
</tr>
<tr>
<td>B105-A Systems</td>
<td>Test System</td>
<td>B105-A Test System</td>
<td>15</td>
</tr>
<tr>
<td>B201M Systems</td>
<td>Test System</td>
<td>BRAT® Option B201M Missile Test System</td>
<td>23-24</td>
</tr>
<tr>
<td>B30C Systems</td>
<td>Test System</td>
<td>BRAT® B30C Test System</td>
<td>17</td>
</tr>
<tr>
<td>B305B Systems</td>
<td>Test System</td>
<td>BRAT® B305B Test System</td>
<td>14</td>
</tr>
<tr>
<td>B305B-A Systems</td>
<td>Test System</td>
<td>BRAT® B305B-A Test System</td>
<td>16</td>
</tr>
<tr>
<td>B305BJ Systems</td>
<td>Test System</td>
<td>BRAT® B305BJ Test System</td>
<td>18</td>
</tr>
<tr>
<td>B307CAL Calibrators</td>
<td>BRAT® Calibrator (307/305)</td>
<td>BRAT® Calibrator (307/305)</td>
<td>68</td>
</tr>
<tr>
<td>B35E Systems</td>
<td>Test System</td>
<td>BRAT® Option B35E Missile Electronics Test System</td>
<td>25-26</td>
</tr>
<tr>
<td>B500B Systems</td>
<td>RF Test System</td>
<td>BRAT® RF Test System - Option B</td>
<td>62</td>
</tr>
<tr>
<td>B500BJ Systems</td>
<td>RF Test System</td>
<td>BRAT® RF Test System - Option BJ</td>
<td>62</td>
</tr>
<tr>
<td>B500BP Systems</td>
<td>RF Test System</td>
<td>BRAT® RF Test System - Option BP</td>
<td>62</td>
</tr>
<tr>
<td>BU500R Systems</td>
<td>Retrofit Unit</td>
<td>Retrofit Unit, Taller Rack</td>
<td>62</td>
</tr>
<tr>
<td>B504 Systems</td>
<td>Test System</td>
<td>BRAT® Option B504 High Speed Digital Test System</td>
<td>32-33</td>
</tr>
<tr>
<td>B507 Systems</td>
<td>Test System</td>
<td>BRAT® Test System - B507 Programmable Power Supply Test System</td>
<td>34</td>
</tr>
<tr>
<td>B509 Systems</td>
<td>Test System</td>
<td>BRAT® Test System - B509 Power Supply Test System</td>
<td>35</td>
</tr>
<tr>
<td>B511 Systems</td>
<td>Test System</td>
<td>BRAT® Test System - B511 Air Data Test Set System</td>
<td>36</td>
</tr>
<tr>
<td>B511 PNL INSTL Install/Repairs/Kits</td>
<td>Installation of B511 Recessed Panel Kit</td>
<td>Installation of B511 Recessed Panel Kit</td>
<td>128</td>
</tr>
<tr>
<td>B512 Systems</td>
<td>Test System</td>
<td>BRAT® Test System - B512 X-Band Phase Noise High Power RF Test System</td>
<td>37</td>
</tr>
<tr>
<td>B514A Systems</td>
<td>Test System</td>
<td>BRAT® Test System - B514A Improved High-Performance Display Analysis System</td>
<td>38</td>
</tr>
<tr>
<td>B520 Systems</td>
<td>Test System</td>
<td>BRAT® Test System - B520 Comm/Nav Test System</td>
<td>40</td>
</tr>
<tr>
<td>B520-50 Systems</td>
<td>Test System</td>
<td>BRAT® Test System - B520-50 Radio Test System</td>
<td>41</td>
</tr>
<tr>
<td>B530 Systems</td>
<td>Test System</td>
<td>BRAT® Test System - B530 Radio Test System</td>
<td>41</td>
</tr>
<tr>
<td>CAA-LRU-01-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 1.0 to 1.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CAA-LRU-02-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 2.0 to 2.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CAA-LRU-03-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 3.0 to 3.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CAA-LRU-04-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 4.0 to 4.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CAA-LRU-05-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 5.0 to 5.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CAA-LRU-06-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 6.0 to 6.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CAA-LRU-07-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 7.0 to 7.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CAA-LRU-08-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 8.0 to 8.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CAA-LRU-09-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 9.0 to 9.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CAA-LRU-10-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B505/505 Software Alignment ITA - Complexity 10.0 to 10.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CABLE-00 Cables</td>
<td>Cable</td>
<td>Cable - Complexity 0.0 to 0.9</td>
<td>131</td>
</tr>
<tr>
<td>CABLE-01 Cables</td>
<td>Cable</td>
<td>Cable - Complexity 1.0 to 1.9</td>
<td>131</td>
</tr>
<tr>
<td>CABLE-02 Cables</td>
<td>Cable</td>
<td>Cable - Complexity 2.0 to 2.9</td>
<td>131</td>
</tr>
<tr>
<td>CABLE-03 Cables</td>
<td>Cable</td>
<td>Cable - Complexity 3.0 to 3.9</td>
<td>131</td>
</tr>
<tr>
<td>CABLE-04 Cables</td>
<td>Cable</td>
<td>Cable - Complexity 4.0 to 4.9</td>
<td>131</td>
</tr>
<tr>
<td>CABLE-05 Cables</td>
<td>Cable</td>
<td>Cable - Complexity 5.0 to 5.9</td>
<td>131</td>
</tr>
<tr>
<td>CARF-LRU-01-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 1.0 to 1.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CARF-LRU-02-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 2.0 to 2.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CARF-LRU-03-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 3.0 to 3.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CARF-LRU-04-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 4.0 to 4.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CARF-LRU-05-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 5.0 to 5.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CARF-LRU-06-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 6.0 to 6.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CARF-LRU-07-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 7.0 to 7.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CARF-LRU-08-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 8.0 to 8.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CARF-LRU-09-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 9.0 to 9.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CARF-LRU-10-ITA Cal/Align Adj LRU ITA</td>
<td>BRAT® Test System - B303/305/405 Software Alignment ITA - Complexity 10.0 to 10.9</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CA92103572-01 Cal/Align Adj DC Power Supply #1 Calibration and Alignment</td>
<td>BRAT® Test System - DC Power Supply #1 Calibration and Alignment</td>
<td>105</td>
<td></td>
</tr>
<tr>
<td>CA29103572-05 Cal/Align Adj DC Power Supply #2 Calibration and Alignment</td>
<td>BRAT® Test System - DC Power Supply #2 Calibration and Alignment</td>
<td>105</td>
<td></td>
</tr>
</tbody>
</table>
## Index

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA94000605-10</td>
<td>Cal/Align Adjust</td>
<td>6½-Digit Digital Multimeter Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA94000604-10</td>
<td>Cal/Align Adjust</td>
<td>High-Performance Universal Counter Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA94000603-10</td>
<td>Cal/Align Adjust</td>
<td>1-GSa/s Digitizing Oscilloscope Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA94000602-10</td>
<td>Cal/Align Adjust</td>
<td>Arbitrary Function Generator Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA94000601-10</td>
<td>Cal/Align Adjust</td>
<td>21 MHz Synthesized Function/Sweep Generator Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA93000079-01</td>
<td>Cal/Align Adjust</td>
<td>IF Section (100 KHz to 3 MHz) Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA93000078-01</td>
<td>Cal/Align Adjust</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA93000076-01</td>
<td>Cal/Align Adjust</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA93000017-01</td>
<td>Cal/Align Adjust</td>
<td>IF Section (10 Hz to 300 KHz) Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA93000016-01</td>
<td>Cal/Align Adjust</td>
<td>Digitizing Oscilloscope Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA94000603-10(303)</td>
<td>Cal/Align Adjust</td>
<td>RF Measurement #1 for BRAT® 303C Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA94000603-10(305)</td>
<td>Cal/Align Adjust</td>
<td>RF Measurement #1 for BRAT® 305B/405B Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA93000015-01</td>
<td>Cal/Align Adjust</td>
<td>RF Converter Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA94000605-10(303)</td>
<td>Cal/Align Adjust</td>
<td>RF Output for BRAT® 303C Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA94000605-10(305)</td>
<td>Cal/Align Adjust</td>
<td>RF Output for BRAT® 305B/405B Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>Frequency Extension Module Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>Microwave Signal Generator Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>Phase Balance Module Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>Frequency Counter Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>Microwave Network Analyzer Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>Synchro/Resolver Simulator and Indicator Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>Peak Power Meter Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>Dual-Channel Peak Power Meter Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>Frequency Synthesizer Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>L-Band Signal Conditioning Module Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CA75010001-01</td>
<td>Cal/Align Adjust</td>
<td>CPSM Modulator/Demodulator Module Calibration and Alignment</td>
<td>105</td>
</tr>
<tr>
<td>CM290</td>
<td>Calibrators</td>
<td>The CM290 DC and Low Frequency Calibration Unit</td>
<td>69</td>
</tr>
<tr>
<td>CM230</td>
<td>Calibrators</td>
<td>The CM230 Microwave and Physical Calibration Unit</td>
<td>69</td>
</tr>
<tr>
<td>CNTX-1</td>
<td>Equipment</td>
<td>Control Device</td>
<td>89</td>
</tr>
<tr>
<td>CP-100</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 0.0 to 0.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-101</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 1.0 to 1.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-102</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 2.0 to 2.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-103</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 3.0 to 3.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-104</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 4.0 to 4.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-105</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 5.0 to 5.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-106</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 6.0 to 6.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-107</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 7.0 to 7.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-108</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 8.0 to 8.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-109</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 9.0 to 9.9</td>
<td>139</td>
</tr>
<tr>
<td>CP-110</td>
<td>Tech Order Changes</td>
<td>Technical Manual Change Pages or Supplements - Complexity 10.0 to 10.9</td>
<td>139</td>
</tr>
<tr>
<td>CR00</td>
<td>Cable Repairs</td>
<td>Cable Repairs - Complexity 0.0 to 0.9 (special conditions apply)</td>
<td>110</td>
</tr>
<tr>
<td>CR01</td>
<td>Cable Repairs</td>
<td>Cable Repairs - Complexity 1.0 to 1.9 (special conditions apply)</td>
<td>110</td>
</tr>
<tr>
<td>CR02</td>
<td>Cable Repairs</td>
<td>Cable Repairs - Complexity 2.0 to 2.9 (special conditions apply)</td>
<td>110</td>
</tr>
<tr>
<td>CR03</td>
<td>Cable Repairs</td>
<td>Cable Repairs - Complexity 3.0 to 3.9 (special conditions apply)</td>
<td>110</td>
</tr>
<tr>
<td>CR04</td>
<td>Cable Repairs</td>
<td>Cable Repairs - Complexity 4.0 to 4.9 (special conditions apply)</td>
<td>110</td>
</tr>
<tr>
<td>CR05</td>
<td>Cable Repairs</td>
<td>Cable Repairs - Complexity 5.0 to 5.9 (special conditions apply)</td>
<td>110</td>
</tr>
<tr>
<td>CR06</td>
<td>Cable Repairs</td>
<td>Cable Repairs - Complexity 6.0 to 6.9 (special conditions apply)</td>
<td>110</td>
</tr>
<tr>
<td>CR07</td>
<td>Cable Repairs</td>
<td>Cable Repairs - Complexity 7.0 to 7.9 (special conditions apply)</td>
<td>110</td>
</tr>
<tr>
<td>CSR02</td>
<td>Cal Services</td>
<td>RF Rack Modules Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CST0132</td>
<td>Cal Services</td>
<td>Digital Torque Calibrator Calibration Services - Off Site</td>
<td>109</td>
</tr>
<tr>
<td>CS02000929-01</td>
<td>Cal Services</td>
<td>Programmable DC Electronic Load Calibration Services (part of JTIDS Tester)</td>
<td>108</td>
</tr>
<tr>
<td>CS02000920-10</td>
<td>Cal Services</td>
<td>Air Data Test Set Case Assembly Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS02000920-10</td>
<td>Cal Services</td>
<td>Compressor/Vacuum Pump Case Assembly Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS105</td>
<td>Cal Services</td>
<td>BRAT® 105 Calibration Services - Off Site</td>
<td>109</td>
</tr>
<tr>
<td>CS105</td>
<td>Cal Services</td>
<td>BRAT® 105 Calibration Services - On Site</td>
<td>109</td>
</tr>
<tr>
<td>CS105-C5</td>
<td>Cal Services</td>
<td>BRAT® 105 (C-5) Calibration Services - Off Site</td>
<td>109</td>
</tr>
<tr>
<td>CS105-C5</td>
<td>Cal Services</td>
<td>BRAT® 105 (C-5) Calibration Services - On Site</td>
<td>109</td>
</tr>
<tr>
<td>CS205</td>
<td>Cal Services</td>
<td>BRAT® 205 Calibration Services - Off Site</td>
<td>109</td>
</tr>
<tr>
<td>CS205</td>
<td>Cal Services</td>
<td>BRAT® 205 Calibration Services - On Site</td>
<td>109</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>CS92103572-01</td>
<td>Cal Services</td>
<td>DC Power Supply #1 Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS92103572-05</td>
<td>Cal Services</td>
<td>DC Power Supply #2 Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS92103855-01</td>
<td>Cal Services</td>
<td>Synchro/Resolver Simulator and Indicator Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000077-01</td>
<td>Cal Services</td>
<td>6½-Digit Digital Multimeter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000078-01</td>
<td>Cal Services</td>
<td>High-Performance Universal Counter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000079-01</td>
<td>Cal Services</td>
<td>1-GSa/s Digitizing Oscilloscope Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000080-01</td>
<td>Cal Services</td>
<td>Arbitrary Function Generator Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000081-01</td>
<td>Cal Services</td>
<td>21 MHz Synthesized Function/Sweep Generator Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000151-01</td>
<td>Cal Services</td>
<td>Local Oscillator Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000152-01</td>
<td>Cal Services</td>
<td>IF Section (100 kHz to 3 MHz) Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000154-01</td>
<td>Cal Services</td>
<td>Digitizer Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000155-01</td>
<td>Cal Services</td>
<td>Power Meter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000156-03</td>
<td>Cal Services</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000157-01</td>
<td>Cal Services</td>
<td>64-Channel Scanning A/D Converter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000179-01</td>
<td>Cal Services</td>
<td>RF Section (100 Hz to 92 GHz) Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000173-01</td>
<td>Cal Services</td>
<td>IF Section (10 Hz to 300 KHz) Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000200-01</td>
<td>Cal Services</td>
<td>Preamplifier (26.5 GHz) Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000281-10</td>
<td>Cal Services</td>
<td>RF Measurement #2 Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000274-10</td>
<td>Cal Services</td>
<td>RF Controller Module Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000277-10</td>
<td>Cal Services</td>
<td>RF Stimulus Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000280-10</td>
<td>Cal Services</td>
<td>RF Demodulator Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000284-01</td>
<td>Cal Services</td>
<td>Digitizing Oscilloscope Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000293-01</td>
<td>Cal Services</td>
<td>Power Sensor Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000293-03</td>
<td>Cal Services</td>
<td>Power Sensor Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000318-10</td>
<td>Cal Services</td>
<td>Synchronizer #1 Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS93000499-01</td>
<td>Cal Services</td>
<td>Microwave Radiation Detector Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000104-10</td>
<td>Cal Services</td>
<td>RF Interface Unit (RFIU) Mainframe Calibration Services (set of four)</td>
<td>108</td>
</tr>
<tr>
<td>CS94000603-10</td>
<td>Cal Services</td>
<td>RF Measurement #1 Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000604-10</td>
<td>Cal Services</td>
<td>RF Converter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000605-10</td>
<td>Cal Services</td>
<td>RF Output Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000606-10</td>
<td>Cal Services</td>
<td>RF Controller (BRAT® 305/405) Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000606-30</td>
<td>Cal Services</td>
<td>RF Controller (BRAT® 303/403) Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000606-50</td>
<td>Cal Services</td>
<td>RF Controller (JTIDS) Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000606-70</td>
<td>Cal Services</td>
<td>RF Controller (JSTARS) Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000833-01</td>
<td>Cal Services</td>
<td>Frequency Extension Module Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000855-01</td>
<td>Cal Services</td>
<td>Microwave Signal Generator Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000887-01</td>
<td>Cal Services</td>
<td>DC Power Supply Frame Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000888-01</td>
<td>Cal Services</td>
<td>0 to 7 V Module for DC Power Supply Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94000889-01</td>
<td>Cal Services</td>
<td>0 to 90 V Module for DC Power Supply Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>CS940000890-01</td>
<td>Cal Services</td>
<td>0 to 32 V Module for DC Power Supply Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS940000891-01</td>
<td>Cal Services</td>
<td>0 to 330 V Module for DC Power Supply Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS940000982-01</td>
<td>Cal Services</td>
<td>Precision Frequency Reference with Internal Amplifier Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94001013-01</td>
<td>Cal Services</td>
<td>50 MHz Attenuator Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94100554-10</td>
<td>Cal Services</td>
<td>Phase Balance Module Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94100604-01</td>
<td>Cal Services</td>
<td>Frequency Counter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94100766-10</td>
<td>Cal Services</td>
<td>Timing Generator Module Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94101013-10</td>
<td>Cal Services</td>
<td>Phase Noise Measurement System Reference Source Unit Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS94101013-50</td>
<td>Cal Services</td>
<td>Phase Noise Measurement System Reference Source Unit with Option 02</td>
<td>108</td>
</tr>
<tr>
<td>CS94101130-01</td>
<td>Cal Services</td>
<td>Phase Noise Measurement System Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS95000018-03</td>
<td>Cal Services</td>
<td>Microwave Network Analyzer Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS95000045-01</td>
<td>Cal Services</td>
<td>0 to 160 V Module for DC Power Supply Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS95000049-01</td>
<td>Cal Services</td>
<td>Synchro/Resolver Simulator and Indicator Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS95000340-01</td>
<td>Cal Services</td>
<td>Calibration Kit for the Microwave Network Analyzer Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS95000700-10</td>
<td>Cal Services</td>
<td>Programmable Electronic Load Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS96740017-01</td>
<td>Cal Services</td>
<td>Programmable Load Power Supply Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS96740017-02</td>
<td>Cal Services</td>
<td>Peak Power Meter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS96740017-03</td>
<td>Cal Services</td>
<td>Peak Power Meter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS96740017-05</td>
<td>Cal Services</td>
<td>Peak Power Meter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS96740017-07</td>
<td>Cal Services</td>
<td>Dual-Channel Peak Power Meter Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS96740091-01</td>
<td>Cal Services</td>
<td>Frequency Synthesizer Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS96740045-10</td>
<td>Cal Services</td>
<td>L-Band Signal Conditioning Module Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS96740070-10</td>
<td>Cal Services</td>
<td>Reference Generator Module Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CS96740103-10</td>
<td>Cal Services</td>
<td>CPSM Modulator/Demodulator Module Calibration Services</td>
<td>108</td>
</tr>
<tr>
<td>CTI101</td>
<td>Connectors</td>
<td>Fixturer Starter Kit</td>
<td>137</td>
</tr>
<tr>
<td>CTI101-1</td>
<td>Connectors</td>
<td>Power and Coaxial Pins for CTI101</td>
<td>137</td>
</tr>
<tr>
<td>CU-101</td>
<td>Auxiliary</td>
<td>Multimedia/NT Computer</td>
<td>98</td>
</tr>
<tr>
<td>D-LRU-00-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-00-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-01-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-01-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-01-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-02-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-02-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-02-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-03-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-03-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-03-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-04-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-04-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-04-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-05-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-05-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-05-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-06-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-06-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-06-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-07-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-07-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-07-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-08-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-08-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-08-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-09-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-09-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-09-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-10-ITA</td>
<td>ITA-LRU</td>
<td>Digital TPS Development - LRU ITA - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-10-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-10-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>D-LRU-10-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - LRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>D-LRU-10-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-00-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-00-TPSU</td>
<td>TPS</td>
<td>Digital TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-01-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-01-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-02-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-02-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-03-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-03-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-04-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-04-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-05-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-05-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-06-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-06-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-07-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-07-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-08-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-08-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-09-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-09-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-10-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-10-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-11-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-11-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-19-TPSU</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 19.0 to 19.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-19-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 19.0 to 19.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-13-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 13.0 to 13.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-13-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 13.0 to 13.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-14-ITA</td>
<td>ITA-SRU</td>
<td>Digital TPS Development - SRU ITA - Complexity 14.0 to 14.9</td>
<td>140</td>
</tr>
<tr>
<td>D-SRU-14-TPS</td>
<td>TPS</td>
<td>Digital TPS Development - SRU - Complexity 14.0 to 14.9</td>
<td>140</td>
</tr>
<tr>
<td>DA-1 ATS</td>
<td></td>
<td>Air Force Testers</td>
<td>64</td>
</tr>
<tr>
<td>DA-1 ATS</td>
<td></td>
<td>DA-1 ATS Test System</td>
<td></td>
</tr>
<tr>
<td>DA-2 ATS</td>
<td></td>
<td>Air Force Testers</td>
<td>65</td>
</tr>
<tr>
<td>DAC</td>
<td></td>
<td>DAC/Utility Switch Board Assembly</td>
<td></td>
</tr>
<tr>
<td>DAC</td>
<td></td>
<td>DAC/Utility Switch Board Assembly</td>
<td></td>
</tr>
<tr>
<td>DCPS INTERCONNECT</td>
<td>Install/Repairs/Kits</td>
<td>Power Supply Cable with Installation</td>
<td>128</td>
</tr>
<tr>
<td>DCPS J8 300 KIT</td>
<td>Install/Repairs/Kits</td>
<td>Electronic Load I/O Cable with Installation</td>
<td>128</td>
</tr>
<tr>
<td>DCPS J8 400 KIT</td>
<td>Install/Repairs/Kits</td>
<td>DCPS Cable Extension J8 Kit for B105/B303C/B305B</td>
<td>128</td>
</tr>
<tr>
<td>DCPS J8 400 KIT</td>
<td>Install/Repairs/Kits</td>
<td>DCPS Cable Extension J8 Kit for R905/R405B</td>
<td>128</td>
</tr>
<tr>
<td>DCSS-10</td>
<td></td>
<td>Dual-Channel Satellite Simulator/Converter</td>
<td>92</td>
</tr>
<tr>
<td>DR-LRU-01-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Digital Complex Rollup - LRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>DR-LRU-02-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Digital Complex Rollup - LRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>DR-LRU-03-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Digital Complex Rollup - LRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>DR-LRU-04-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Digital Complex Rollup - LRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>DR-LRU-05-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Digital Complex Rollup - LRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>DR-LRU-06-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Digital Complex Rollup - LRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>EE-303</td>
<td></td>
<td>Electrical Engineer</td>
<td>142</td>
</tr>
<tr>
<td>ENVID GEN-510</td>
<td>Video-VXI</td>
<td>Enhanced VXI Programmable Video Generator and Analyzer</td>
<td>71-72</td>
</tr>
<tr>
<td>ENVID GEN-510 Option 2</td>
<td>Video-VXI</td>
<td>Automatic Code Generation</td>
<td>71</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>ENVID GEN-510 Option 3</td>
<td>Video-VXI</td>
<td>Digital Video</td>
<td>71</td>
</tr>
<tr>
<td>ENVID GEN-510 Option 4</td>
<td>Video-VXI</td>
<td>Video Redisplay</td>
<td>71</td>
</tr>
<tr>
<td>ENVID GEN-510 Option 5</td>
<td>Video-VXI</td>
<td>VDATS Video System Cable</td>
<td>71</td>
</tr>
<tr>
<td>ENVID GEN-510 Option 6</td>
<td>Video-VXI</td>
<td>Funnel Adapter</td>
<td>71</td>
</tr>
<tr>
<td>ENVID GEN-510 Option 7</td>
<td>Video-VXI</td>
<td>VID-SOFT Integrated Software Development and Testing Environment</td>
<td>71</td>
</tr>
<tr>
<td>ENVID GEN-515</td>
<td>Video-VXI</td>
<td>Enhance VXI Programmable Video Generator and Analyzer - Stand-Alone Rack</td>
<td>71-72</td>
</tr>
<tr>
<td>EO-LRU-00-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-00-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-01-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-01-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-01-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-02-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-02-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-02-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-03-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-03-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-03-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-04-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-04-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-04-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-05-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-05-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-05-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-06-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-06-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-06-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-07-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-07-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-07-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-08-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-08-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-08-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-09-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-09-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-09-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-10-ITA</td>
<td>ITA-LRU</td>
<td>Electro Optic TPS Development - LRU ITA - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-10-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - LRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-LRU-10-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-00-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-00-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-01-ITA</td>
<td>ITA-SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-01-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-01-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-02-ITA</td>
<td>ITA-SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-02-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>---------------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>EO-SRU-02-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-03-IT</td>
<td>ITA SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-03-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-03-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-04-IT</td>
<td>ITA SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-04-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-04-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-05-IT</td>
<td>ITA SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-05-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-05-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-06-IT</td>
<td>ITA SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-06-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-06-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-07-IT</td>
<td>ITA SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-07-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-07-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-08-IT</td>
<td>ITA SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-08-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-08-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-09-IT</td>
<td>ITA SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-09-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-09-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-10-IT</td>
<td>ITA SRU</td>
<td>Electro Optic TPS Development - SRU ITA - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-10-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-10-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-11-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-11-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-12-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 12.0 to 12.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-12-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-13-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 13.0 to 13.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-13-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-14-TPS</td>
<td>TPS</td>
<td>Electro Optic TPS Development - SRU - Complexity 14.0 to 14.9</td>
<td>140</td>
</tr>
<tr>
<td>EO-SRU-14-TPSU</td>
<td>TPS</td>
<td>Electro Optic TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>EOR-LRU-01-ITA</td>
<td>ITA Complex Rollup</td>
<td>Electro Optic Complex Rollup - LRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>EOR-LRU-02-ITA</td>
<td>ITA Complex Rollup</td>
<td>Electro Optic Complex Rollup - LRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>EOR-LRU-03-ITA</td>
<td>ITA Complex Rollup</td>
<td>Electro Optic Complex Rollup - LRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>EOR-LRU-04-ITA</td>
<td>ITA Complex Rollup</td>
<td>Electro Optic Complex Rollup - LRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>EOR-LRU-05-ITA</td>
<td>ITA Complex Rollup</td>
<td>Electro Optic Complex Rollup - LRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>EOR-LRU-06-ITA</td>
<td>ITA Complex Rollup</td>
<td>Electro Optic Complex Rollup - LRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>EVVIDGEN-502</td>
<td>Evaluation Services</td>
<td>VXI Programmable Video Generator Evaluation Services</td>
<td>113</td>
</tr>
<tr>
<td>EVVIDGEN-503</td>
<td>Evaluation Services</td>
<td>Enhanced VXI Programmable Video Generator and Analyzer Evaluation Services</td>
<td>113</td>
</tr>
<tr>
<td>EV93000550-30</td>
<td>Evaluation Services</td>
<td>Three-Phase AC Programmable Power Supply Evaluation Services</td>
<td>113</td>
</tr>
<tr>
<td>FSCBRAT B303C(V1)</td>
<td>Full Serv Cal Serv</td>
<td>BRAT® B303C(V1) Enhanced Full Service Calibration Services (excluding Phase Noise Measurement Module)</td>
<td>116</td>
</tr>
<tr>
<td>FSC09000259-01</td>
<td>Full Serv Cal Serv</td>
<td>Programmable DC Electronic Load Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC0900206-10</td>
<td>Full Serv Cal Serv</td>
<td>Air Data Test Set Case Assembly Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Part Number</strong></td>
<td><strong>Category</strong></td>
<td><strong>Description</strong></td>
<td><strong>Page Number</strong></td>
</tr>
<tr>
<td>FSC02900907-10</td>
<td>Full Serv Cal Serv</td>
<td>Compressor/Vacuum Pump Case Assembly Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC07040313-10</td>
<td>Full Serv Cal Serv</td>
<td>RF Controller (RF Deck) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC07040317-10</td>
<td>Full Serv Cal Serv</td>
<td>Phase Noise Measurement Module (Enhanced) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000077-01</td>
<td>Full Serv Cal Serv</td>
<td>6½-Digit Digital Multimeter Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000078-01</td>
<td>Full Serv Cal Serv</td>
<td>High-Performance Universal Counter Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000079-01</td>
<td>Full Serv Cal Serv</td>
<td>1-GSa/s Digitizing Oscilloscope Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000080-01</td>
<td>Full Serv Cal Serv</td>
<td>Arbitrary Function Generator Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000081-01</td>
<td>Full Serv Cal Serv</td>
<td>21 MHz Synthesized Function/Sweep Generator Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000151-01</td>
<td>Full Serv Cal Serv</td>
<td>Local Oscillator Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000152-01</td>
<td>Full Serv Cal Serv</td>
<td>IF Section (100 kHz to 3 MHz) Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000153-01</td>
<td>Full Serv Cal Serv</td>
<td>Digitizer Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000155-01</td>
<td>Full Serv Cal Serv</td>
<td>Power Meter Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000156-01</td>
<td>Full Serv Cal Serv</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000172-01</td>
<td>Full Serv Cal Serv</td>
<td>RF Section (100 Hz to 22 GHz) Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000173-01</td>
<td>Full Serv Cal Serv</td>
<td>RF Measurement #1 Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000179-01</td>
<td>Full Serv Cal Serv</td>
<td>JSTARS Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000221-10</td>
<td>Full Serv Cal Serv</td>
<td>RF Measurement #2 Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000284-01</td>
<td>Full Serv Cal Serv</td>
<td>Digitizing Oscilloscope Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000293-01</td>
<td>Full Serv Cal Serv</td>
<td>Power Sensor Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000299-01</td>
<td>Full Serv Cal Serv</td>
<td>Power Sensor Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000318-10</td>
<td>Full Serv Cal Serv</td>
<td>Synchronizer #1 Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC93000499-01</td>
<td>Full Serv Cal Serv</td>
<td>Microwave Radiation Detector Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94000603-10</td>
<td>Full Serv Cal Serv</td>
<td>RF Measurement #1 Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94000604-10</td>
<td>Full Serv Cal Serv</td>
<td>RF Converter Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94000605-10</td>
<td>Full Serv Cal Serv</td>
<td>RF Output Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94000606-10</td>
<td>Full Serv Cal Serv</td>
<td>RF Controller (BRAT™ 305/405) Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94000606-50</td>
<td>Full Serv Cal Serv</td>
<td>RF Controller (JTIDS) Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94000606-70</td>
<td>Full Serv Cal Serv</td>
<td>RF Controller (JSTARS) Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94000833-01</td>
<td>Full Serv Cal Serv</td>
<td>Frequency Extension Module Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94000855-01</td>
<td>Full Serv Cal Serv</td>
<td>Microwave Signal Generator Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94000982-01</td>
<td>Full Serv Cal Serv</td>
<td>Precision Frequency Reference with Internal Amplifier Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94001013-01</td>
<td>Full Serv Cal Serv</td>
<td>50 MHz Attenuator Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94001055-10</td>
<td>Full Serv Cal Serv</td>
<td>Phase Balance Module Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94001064-01</td>
<td>Full Serv Cal Serv</td>
<td>Frequency Counter Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94001076-10</td>
<td>Full Serv Cal Serv</td>
<td>Timing Generator Module Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94001103-50</td>
<td>Full Serv Cal Serv</td>
<td>Phase Noise Measurement System Reference Source Unit Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC94001130-01</td>
<td>Full Serv Cal Serv</td>
<td>Phase Noise Measurement System Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC95000018-03</td>
<td>Full Serv Cal Serv</td>
<td>Microwave Network Analyzer Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC95000049-01</td>
<td>Full Serv Cal Serv</td>
<td>Synchro/Resolver Simulator and Indicator Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC95000340-01</td>
<td>Full Serv Cal Serv</td>
<td>Calibration Kit for Microwave Network Analyzer Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC96740017-01</td>
<td>Full Serv Cal Serv</td>
<td>Peak Power Meter Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC96740017-03</td>
<td>Full Serv Cal Serv</td>
<td>Peak Power Meter Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC96740019-01</td>
<td>Full Serv Cal Serv</td>
<td>Peak Power Sensor Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC96740019-03</td>
<td>Full Serv Cal Serv</td>
<td>Peak Power Sensor Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC96740021-01</td>
<td>Full Serv Cal Serv</td>
<td>Frequency Synthesizer Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC96740045-10</td>
<td>Full Serv Cal Serv</td>
<td>L-Band Signal Conditioning Module Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC96740070-10</td>
<td>Full Serv Cal Serv</td>
<td>Reference Generator Module Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSC96740103-10</td>
<td>Full Serv Cal Serv</td>
<td>CPSM Modulator/Demodulator Module Full Service Calibration Services</td>
<td>116</td>
</tr>
<tr>
<td>FSE-01</td>
<td>Field Service Engineer</td>
<td></td>
<td>108</td>
</tr>
<tr>
<td>FSP00002602-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>RF Detector Cable Assembly Full Service Components</td>
<td>117</td>
</tr>
<tr>
<td>FSP00002603-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Remote ON/OFF Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP00002613-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Peak Power and Frequency Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP00002614-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Digital Interconnect Cable Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP00002616-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP00002617-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP00002617-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------------------------</td>
<td>-------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>FSP020000117-50</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP020000117-70</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP020000119-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP020000119-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02000190-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001210-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001210-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001210-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001230-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001230-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001230-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001230-50</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001230-70</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001210-01</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001210-01</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001210-01</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02001210-01</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>119</td>
</tr>
</tbody>
</table>

**Common Parts**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP02000008-10</td>
<td>Full Serv Cmpnt-Com1</td>
<td>Power Distribution Panel Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002010-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>PT Exhaust Pressure Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002010-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>PS Exhaust Pressure Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002011-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>PT Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002011-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>PT Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002014-01</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Service Access Panel Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP02002016-01</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Air Data Test Set Rear Panel Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002017-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Compressor/Vacuum Pump Rear Panel Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002018-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Air Supply Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002019-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Air Data Test Set Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002019-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Air Data Test Set Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002019-50</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Air Data Test Set Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002019-70</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Air Data Test Set Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002019-90</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Air Data Test Set Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002090-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Compressor/Vacuum Pump Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002090-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Compressor/Vacuum Pump Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002090-50</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Compressor/Vacuum Pump Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02002091-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Compressor/Vacuum Pump Hose Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP02030050-01</td>
<td>Full Serv Cmpnt-Other</td>
<td>Dash Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP02030050-01</td>
<td>Full Serv Cmpnt-Other</td>
<td>Dash Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP02030050-01</td>
<td>Full Serv Cmpnt-Other</td>
<td>Dash Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP02030050-01</td>
<td>Full Serv Cmpnt-Other</td>
<td>Dash Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP02030050-01</td>
<td>Full Serv Cmpnt-Other</td>
<td>Dash Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP02030050-01</td>
<td>Full Serv Cmpnt-Other</td>
<td>Dash Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP02030050-01</td>
<td>Full Serv Cmpnt-Other</td>
<td>Dash Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP02030050-01</td>
<td>Full Serv Cmpnt-Other</td>
<td>Dash Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP02030050-01</td>
<td>Full Serv Cmpnt-Other</td>
<td>Dash Cable Full Service Components</td>
<td>125</td>
</tr>
</tbody>
</table>

**Index**

- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4
- Full Serv Cmpnt-Com1
- Full Serv Cmpnt-Com3
- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4

- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4
- Full Serv Cmpnt-Com1
- Full Serv Cmpnt-Com3
- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4

- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4
- Full Serv Cmpnt-Com1
- Full Serv Cmpnt-Com3
- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4

**Full Service Components**

- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4
- Full Serv Cmpnt-Com1
- Full Serv Cmpnt-Com3
- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4

**Full Service Components**

- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4
- Full Serv Cmpnt-Com1
- Full Serv Cmpnt-Com3
- Full Serv Cmpnt-Com2
- Full Serv Cmpnt-Com4
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP92103751-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Two-Wire Resistance Self Test Cable Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP92103770-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Shorting Plug Self Test Cable Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP92103820-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-70</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-90</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-110</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-130</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-150</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-170</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-190</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-210</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-230</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-250</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103820-270</td>
<td>Full Serv Cmpnt-Com4</td>
<td>System Cable Full Service Components</td>
<td>193</td>
</tr>
<tr>
<td>FSP92103821-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-70</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-90</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-110</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-130</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-150</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-170</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-190</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-210</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-230</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-250</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-270</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103821-290</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMB Plug to BNC Plug Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103820-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Component Holder Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP92103877-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>One-Wire Resistance Self Test Cable Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP92103878-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Static Digital Self Test Cable Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP92103879-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Dynamic Digital Self Test Cable Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP92103903-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>N/A Synchro Self Test Cable Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP92103911-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>DC Voltage Test Self Test Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP92103914-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>BRAT® Power Cable Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP92103915-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>BNC Plug to BNC Plug Self Test Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP92103915-30</td>
<td>Full Serv Cmpnt-Com3</td>
<td>BNC Plug to BNC Plug Self Test Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP92103916-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Self Test Cable Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP92103917-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Power Supply Cable Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP92103927-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Custom Switch Self Test Cable Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP92103931-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>RF Self Test Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP92103932-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Type N to Type N RF Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP92103932-50</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Type N to Type N RF Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP92103937-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>VXI Precision Resistor Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP92103940-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Power Distribution Panel Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP92103940-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Power Distribution Panel Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP92103940-90</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Power Distribution Panel Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP92103940-130</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Power Distribution Panel Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP92103940-210</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Power Distribution Panel Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP92103975-30</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Electronic Load I/O Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP92103990-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>SPD I-Q/Atten Self Test Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP92105070-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>DDP Self Test Cable Assembly Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP92105224-COM</td>
<td>Full Serv Cmpnt-Com1</td>
<td>BRAT® Common Parts</td>
<td>121</td>
</tr>
<tr>
<td>FSP92105226-COM1</td>
<td>Full Serv Cmpnt-Com1</td>
<td>Cables, Connectors, and Adapters - Complexity Level 1 Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP92105226-COM2</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Cables, Connectors, and Adapters - Complexity Level 2 Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>FSP929105996-COM3</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Cables, Connectors, and Adapters - Complexity Level 3 Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP929105996-COM4</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Cables, Connectors, and Adapters - Complexity Level 4 Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000005-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Type N Plug to SMA Jack Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000007-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Type N Plug to SMA Jack Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000021-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000214-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000215-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000215-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000215-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000215-70</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000215-90</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000217-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000217-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000217-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000217-70</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000217-90</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000219-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP93000219-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Bulkhead Jack to SMB Bulkhead Jack Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000283-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Bulkhead Jack to SMA Bulkhead Jack Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000289-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Bulkhead Jack to SMA Bulkhead Jack Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000429-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000429-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000429-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000429-70</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000429-90</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000429-110</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000429-130</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000429-150</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-70</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-90</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-110</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-130</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-150</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-170</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-190</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-210</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-230</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-250</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-270</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-290</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-70</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-90</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-110</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-130</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-150</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-170</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-190</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>FSP940000431-210</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>123</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>FSP94000431-310</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94000431-330</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94000431-350</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94000431-370</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94000431-390</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94000431-410</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94000431-430</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94000436-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMA Plug to Right Angle SMA Plug Flexible Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94000436-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>RF Coaxial Cable Full Service Components ................................................................. 190</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-90</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-70</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-90</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-150</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-170</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-190</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-210</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-230</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-250</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-270</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-290</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-310</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-330</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-350</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-370</td>
<td>Full Serv Cmpnt-Com4</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-390</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Type N Plug to SMA Plug Flexible Coaxial Cable Full Service Components ......................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-410</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Right Angle SMA Plug to SMA Plug Flexible Coaxial Cable Full Service Components .......... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-430</td>
<td>Full Serv Cmpnt-Com4</td>
<td>DC Power Output Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-450</td>
<td>Full Serv Cmpnt-Com4</td>
<td>AC Power Output Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-470</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Three-Phase AC Power Input Cable Full Service Components .................................... 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-490</td>
<td>Full Serv Cmpnt-Com4</td>
<td>AC I/O Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-510</td>
<td>Full Serv Cmpnt-Com4</td>
<td>DC I/O Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94000436-530</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Cable Shield - BRAT® 405 Full Service Components .............................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94100172-03</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Cable Shield - BRAT® 405 Full Service Components .............................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94100174-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>MMS 1 I/O Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94100175-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>AC Power Input Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94100175-30</td>
<td>Full Serv Cmpnt-Com3</td>
<td>AC Power Input Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94100175-50</td>
<td>Full Serv Cmpnt-Com3</td>
<td>AC Power Input Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94100175-70</td>
<td>Full Serv Cmpnt-Com3</td>
<td>AC Power Input Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>FSP94100176-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Strain Relief Cable Full Service Components ................................................................. 194</td>
<td></td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------</td>
<td>------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>FSP94100176-30</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Strain Relief Cable Full Service Components</td>
<td>124</td>
</tr>
<tr>
<td>FSP94100176-50</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Strain Relief Cable Full Service Components</td>
<td>124</td>
</tr>
<tr>
<td>FSP94100176-76</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Strain Relief Cable Full Service Components</td>
<td>124</td>
</tr>
<tr>
<td>FSP94100184-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>MMS Interconnect Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100185-30</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Power Input Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100185-50</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Power Input Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100188-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>MMS 2 I/O Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100189-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>MMS 3 I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100192-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>BNC to SMB Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100195-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>RFIU I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100202-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>DC Master/Slave Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100204-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>DCPS External Channel Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100206-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>MSIB Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100206-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>MSIB Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100221-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Syn 3 Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100231-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>VXI I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100232-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>VXI I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100237-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>VXI I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100239-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>VXI I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100240-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Point to Point Twisted Pair Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100241-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Point to Point Twisted Pair Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100242-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Point to Point Twisted Pair Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100243-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>50 Ω Point to Point Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100244-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>50 Ω Point to Point Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100245-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Point to Point Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100246-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>160-Pin, 50 Ω Point to Point Cable Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP94100247-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>VXI I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100248-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>VXI I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100249-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>VXI I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100250-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Power Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100251-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>RF Power Cord Full Service Components</td>
<td>124</td>
</tr>
<tr>
<td>FSP94100252-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>RF Power Cord (10 A - Europe) Full Service Components</td>
<td>124</td>
</tr>
<tr>
<td>FSP94100253-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>RF Power Cord (16/21 A - US) Full Service Components</td>
<td>124</td>
</tr>
<tr>
<td>FSP94100254-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>SPD Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100255-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Rack Mount Display 18.1 in. Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP94100256-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Electronic Load Output Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100257-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>DC2 Load I/O Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100258-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>IEEE Extension Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100259-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Left Inlet Connector Lock Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100260-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Right Inlet Connector Lock Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100261-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Left Outlet Connector Lock Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100262-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Right Outlet Connector Lock Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100263-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>DB25 Male/Female Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100264-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Printer Case Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100265-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Comm Port I/O Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100266-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Point to Point Twisted Pair Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100267-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>50 Ω Point to Point Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP94100268-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Power Module Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100269-10</td>
<td>Full Serv Cmpnt-Common Parts</td>
<td>Cable Retainer Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100270-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Type N Plug to Type N Plug Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100271-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>SMA Plug to Type N Plug Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100272-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Computer Cooling Fan Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100273-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Reset Switch Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100274-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Computer LED Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100275-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>IF I/O Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100276-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Type N to Type N Bulkhead Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>FSP94100586-10</td>
<td>Full Serv Compt-Com3</td>
<td>Power Sensor Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP94100586-30</td>
<td>Full Serv Compt-Com3</td>
<td>Power Sensor Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP94100678-10</td>
<td>Full Serv Compt-Com4</td>
<td>Blower Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94100679-10</td>
<td>Full Serv Compt-Com4</td>
<td>Waveguide and Blower Assembly Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP94100793-10</td>
<td>Full Serv Compt-Com4</td>
<td>Waveguide and Blower Assembly Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94100674-10</td>
<td>Full Serv Compt-Com3</td>
<td>Inner Auxiliary AC Control Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP94100745-10</td>
<td>Full Serv Compt-Com4</td>
<td>Auxiliary AC Power Output Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP94100776-10</td>
<td>Full Serv Compt-Com2</td>
<td>Auxiliary AC Control Cable Full Service Components</td>
<td>180</td>
</tr>
<tr>
<td>FSP94100777-10</td>
<td>Full Serv Compt-Com2</td>
<td>Auxiliary AC Output Cable Full Service Components</td>
<td>180</td>
</tr>
<tr>
<td>FSP94100778-10</td>
<td>Full Serv Compt-Com3</td>
<td>Auxiliary AC Slave Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100780-10</td>
<td>Full Serv Compt-Com3</td>
<td>SW PDU Control Cable Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94100799-10</td>
<td>Full Serv Compt-Com1</td>
<td>AC Power Interface Drawer Assembly Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP94100864-10</td>
<td>Full Serv Compt-Com2</td>
<td>Cable Assembly Full Service Components</td>
<td>180</td>
</tr>
<tr>
<td>FSP94100865-10</td>
<td>Full Serv Compt-Com4</td>
<td>Facility Ground Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94100866-10</td>
<td>Full Serv Compt-Com3</td>
<td>Power Input Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP94101036-10</td>
<td>Full Serv Compt-Com4</td>
<td>Blower Hose Assembly Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP94101100-10</td>
<td>Full Serv Compt-Com3</td>
<td>Rear Panel Assembly Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP94101108-10</td>
<td>Full Serv Compt-Com2</td>
<td>Emergency Stop Cable Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP94101904-10</td>
<td>Full Serv Compt-Com2</td>
<td>Adapter CCA Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP94101904-30</td>
<td>Full Serv Compt-Com2</td>
<td>Adapter CCA Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP95000279-10</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP95000279-30</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP95000279-50</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP95000279-70</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP95000279-90</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>194</td>
</tr>
<tr>
<td>FSP95000279-110</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-130</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-150</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-170</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-190</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-210</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-250</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-270</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-290</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-310</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000279-330</td>
<td>Full Serv Compt-Com4</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000280-10</td>
<td>Full Serv Compt-Com4</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000281-10</td>
<td>Full Serv Compt-Com4</td>
<td>SMB Plug to SMB Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP95000600-10</td>
<td>Full Serv Compt-Com3</td>
<td>Type N Plug to SMA Plug Signal Processor Drawer Self Test Cable Full Service Components</td>
<td>191</td>
</tr>
<tr>
<td>FSP95000601-10</td>
<td>Full Serv Compt-Com3</td>
<td>SMA Plug to SMA Plug Signal Processor Drawer Test Cable Full Service Components</td>
<td>192</td>
</tr>
<tr>
<td>FSP95000602-10</td>
<td>Full Serv Compt-Com3</td>
<td>TNC Plug to SMA Plug Signal Processor Drawer Test Cable Full Service Components</td>
<td>192</td>
</tr>
<tr>
<td>FSP95000603-10</td>
<td>Full Serv Compt-Com3</td>
<td>Type N Plug to TNC Plug Armored Test Cable Full Service Components</td>
<td>192</td>
</tr>
<tr>
<td>FSP95000606-10</td>
<td>Full Serv Compt-Com3</td>
<td>Type N Plug to TNC Plug Armored Test Cable Full Service Components</td>
<td>192</td>
</tr>
<tr>
<td>FSP95000619-10</td>
<td>Full Serv Compt-Com4</td>
<td>SMB Plug to SMA Plug Coaxial Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP9600016-03</td>
<td>Full Serv Compt-Other</td>
<td>VXI-MXI-2 Kit (Without Cable) Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP9600038-10</td>
<td>Full Serv Compt-Com2</td>
<td>6-Module Front Panel Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP9600049-10</td>
<td>Full Serv Compt-Com4</td>
<td>AC Power Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP9600050-10</td>
<td>Full Serv Compt-Com4</td>
<td>Bus Bar Ground Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP9600050-30</td>
<td>Full Serv Compt-Com4</td>
<td>Bus Bar Ground Cable Full Service Components</td>
<td>195</td>
</tr>
<tr>
<td>FSP9600053-10</td>
<td>Full Serv Compt-Com4</td>
<td>Power Supply Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP9600059-10</td>
<td>Full Serv Compt-Com3</td>
<td>32-Pin Point to Point Cable Full Service Components</td>
<td>192</td>
</tr>
<tr>
<td>FSP9600060-10</td>
<td>Full Serv Compt-Com4</td>
<td>2-Pin Point to Point Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP9600063-10</td>
<td>Full Serv Compt-Com1</td>
<td>RFI Receiver Panel Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP9600063-30</td>
<td>Full Serv Compt-Com1</td>
<td>RFI Receiver Panel Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP9600067-10</td>
<td>Full Serv Compt-Com2</td>
<td>Power Output Cable Full Service Components</td>
<td>190</td>
</tr>
<tr>
<td>FSP9600068-10</td>
<td>Full Serv Compt-Com3</td>
<td>DCPS Loads Cable Full Service Components</td>
<td>199</td>
</tr>
<tr>
<td>FSP9600068-30</td>
<td>Full Serv Compt-Com3</td>
<td>DCPS Loads Cable Full Service Components</td>
<td>199</td>
</tr>
<tr>
<td>FSP9600069-10</td>
<td>Full Serv Compt-Com3</td>
<td>Sense and Signal Cable Full Service Components</td>
<td>199</td>
</tr>
<tr>
<td>FSP9600071-01</td>
<td>Full Serv Compt-Com3</td>
<td>Right Angle/Bulkhead MXI-2 Cable Full Service Components</td>
<td>199</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>FSP960000072-01</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Straight/Bulkhead MXI-2 Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000089-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Self Test Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000094-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Power Output Bulkhead Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000097-10</td>
<td>Full Serv Cmpnt-Com1</td>
<td>Self Test Plug Full Service Components</td>
<td>119</td>
</tr>
<tr>
<td>FSP960000143-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Shorting Plug - Option 500 Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000144-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>200-Pin Shorting Plug CCA Full Service Components</td>
<td>122</td>
</tr>
<tr>
<td>FSP960000145-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>RFI-VXI I/O Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000146-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>RFI-VXI I/O Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000147-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>DCPS Loads Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000151-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>ECL Module I/O Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000152-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>DCPS Loads Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000155-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Timing Module I/O Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP960000156-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>504 Self Test Case Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000010-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>1330 Latch Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000013-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>CCA Housing Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000013-30</td>
<td>Full Serv Cmpnt-Com2</td>
<td>CCA Housing Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000013-50</td>
<td>Full Serv Cmpnt-Com2</td>
<td>CCA Housing Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000013-70</td>
<td>Full Serv Cmpnt-Com2</td>
<td>CCA Housing Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000013-90</td>
<td>Full Serv Cmpnt-Com2</td>
<td>CCA Housing Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000026-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>30-Pin, 50 Ω Point to Point Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000027-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>30-Pin, Twisted Pair Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000028-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>24-Pin, 50 Ω Point to Point Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000029-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>24-Pin, Twisted Pair Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000031-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Switch 1 to Switch 2 Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000032-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Switch 1 to DMM Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000033-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Switch 4 to Switch 3 Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000037-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC to Header Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP962000038-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Switch 3 to Arb Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP962000039-10</td>
<td>Full Serv Cmpnt-Com4</td>
<td>Switch 3 to Switch 5 Cable Full Service Components</td>
<td>125</td>
</tr>
<tr>
<td>FSP962000041-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Ground Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000045-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>System Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000050-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Switch 2 to Switch 3 Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP962000051-01</td>
<td>Full Serv Cmpnt-Common Parts</td>
<td>Connector Spacer Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP962000051-03</td>
<td>Full Serv Cmpnt-Common Parts</td>
<td>Connector Spacer Full Service Components</td>
<td>121</td>
</tr>
<tr>
<td>FSP962000059-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Station Ground Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96648240-30</td>
<td>Full Serv Cmpnt-Com3</td>
<td>SMA Plug to SMB Plug RF Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740311-70</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740311-50</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740311-30</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740311-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740312-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740313-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Cable Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740314-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Reference Self Test Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740315-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Frequency Self Test Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740316-10</td>
<td>Full Serv Cmpnt-Com3</td>
<td>RF Self Test Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96740996-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>CPSM Self Test Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSP96741092-10</td>
<td>Full Serv Cmpnt-Com2</td>
<td>ECL Self Test Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>---------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>FSF97400010-1</td>
<td>Full Serv Cmpnt-Com2</td>
<td>Termination Plug Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSF97800010-4</td>
<td>Full Serv Cmpnt-Com4</td>
<td>BNC Plug to BNC Plug Cable Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSF98300010-1</td>
<td>Full Serv Cmpnt-Com3</td>
<td>Rear Panel Assembly Full Service Components</td>
<td>120</td>
</tr>
<tr>
<td>FSR-COMP-00</td>
<td>Full Serv Repair Serv</td>
<td>Electrical, Mechanical, and Electronic Components Full Service Repair</td>
<td>117</td>
</tr>
<tr>
<td>FSR-COMP-01</td>
<td>Full Serv Repair Serv</td>
<td>Electrical, Mechanical, and Electronic Components Full Service Repair</td>
<td>117</td>
</tr>
<tr>
<td>FSR-COMP-02</td>
<td>Full Serv Repair Serv</td>
<td>Electrical, Mechanical, and Electronic Components Full Service Repair</td>
<td>117</td>
</tr>
<tr>
<td>FSR-COMP-03</td>
<td>Full Serv Repair Serv</td>
<td>Electrical, Mechanical, and Electronic Components Full Service Repair</td>
<td>117</td>
</tr>
<tr>
<td>FSR-COMP-04</td>
<td>Full Serv Repair Serv</td>
<td>Electrical, Mechanical, and Electronic Components Full Service Repair</td>
<td>117</td>
</tr>
<tr>
<td>FSR-COMP-05</td>
<td>Full Serv Repair Serv</td>
<td>Electrical, Mechanical, and Electronic Components Full Service Repair</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-4</td>
<td>Full Serv Repair Serv</td>
<td>RF Pulse Amplifier Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-5</td>
<td>Full Serv Repair Serv</td>
<td>Programmable DC Electronic Load Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-6</td>
<td>Full Serv Repair Serv</td>
<td>Air Data Test Set Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-7</td>
<td>Full Serv Repair Serv</td>
<td>Vacuum Pump (Modified) Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-8</td>
<td>Full Serv Repair Serv</td>
<td>Vacuum Pump (Modified) Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-9</td>
<td>Full Serv Repair Serv</td>
<td>Compressor (Modified) Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-0</td>
<td>Full Serv Repair Serv</td>
<td>Air Data Test Set Case Assembly Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-1</td>
<td>Full Serv Repair Serv</td>
<td>Compressor/Vacuum Pump Case Assembly Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-2</td>
<td>Full Serv Repair Serv</td>
<td>Controller Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-3</td>
<td>Full Serv Repair Serv</td>
<td>Combination HUD Fixture/Alignment Tool Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-4</td>
<td>Full Serv Repair Serv</td>
<td>Light Shroud Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-5</td>
<td>Full Serv Repair Serv</td>
<td>Boresight Bench Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-6</td>
<td>Full Serv Repair Serv</td>
<td>Transport/Camera Assembly Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-7</td>
<td>Full Serv Repair Serv</td>
<td>C-Size VXI Mainframe - 4 Slots Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-8</td>
<td>Full Serv Repair Serv</td>
<td>RF Controller (RF Deck) Obsolescence Mitigation Replacement - SW subject to</td>
<td>117</td>
</tr>
<tr>
<td>FSR02000010-9</td>
<td>Full Serv Repair Serv</td>
<td>License (App. A) Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR91000010-0</td>
<td>Full Serv Repair Serv</td>
<td>Single-Phase AC Programmable Power Supply Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR91000010-1</td>
<td>Full Serv Repair Serv</td>
<td>Pattern Pod Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR91000010-2</td>
<td>Full Serv Repair Serv</td>
<td>160 MHz Timing I/O Module Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR91000010-3</td>
<td>Full Serv Repair Serv</td>
<td>50 MHz Pattern I/O Module Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR91000010-4</td>
<td>Full Serv Repair Serv</td>
<td>Terminating 50 MHz Pattern I/O Module Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR91000010-5</td>
<td>Full Serv Repair Serv</td>
<td>Synchro/Resolver Simulator and Indicator Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR91000010-6</td>
<td>Full Serv Repair Serv</td>
<td>Timing Pod Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR91000010-7</td>
<td>Full Serv Repair Serv</td>
<td>VXI Mainframe Command Module Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR91000010-8</td>
<td>Full Serv Repair Serv</td>
<td>VXI Mainframe Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-0</td>
<td>Full Serv Repair Serv</td>
<td>400 Hz Three-Phase Power Conditioner and Distribution Box Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-1</td>
<td>Full Serv Repair Serv</td>
<td>QUAD 8-Bit Digital Input/Output Latch Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-2</td>
<td>Full Serv Repair Serv</td>
<td>A/B to C-Size Module Carrier Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-3</td>
<td>Full Serv Repair Serv</td>
<td>64-Channel Relay Multiplexer Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-4</td>
<td>Full Serv Repair Serv</td>
<td>64-Channel Relay Multiplexer Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-5</td>
<td>Full Serv Repair Serv</td>
<td>High-Performance Universal Counter Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-6</td>
<td>Full Serv Repair Serv</td>
<td>1-GSa/s Digitizing Oscilloscope Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-7</td>
<td>Full Serv Repair Serv</td>
<td>Arbitrary Function Generator Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-8</td>
<td>Full Serv Repair Serv</td>
<td>21 MHz Synthesized Function/Sweep Generator Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-9</td>
<td>Full Serv Repair Serv</td>
<td>Local Oscillator Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-0</td>
<td>Full Serv Repair Serv</td>
<td>IF Section (100 KHz to 3 MHz) Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-1</td>
<td>Full Serv Repair Serv</td>
<td>Graphics Display Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-2</td>
<td>Full Serv Repair Serv</td>
<td>Digitizer Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>FSR93000010-3</td>
<td>Full Serv Repair Serv</td>
<td>Power Meter Full Service Repair Services</td>
<td>117</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category Description</td>
<td>Page Number</td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------------------------------------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>FSR93000172-01</td>
<td>Full Serv Repair Serv RF Section (100 Hz to 92 GHz) Full Service Repair Services</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>FSR93000173-01</td>
<td>Full Serv Repair Serv IF Section (10 Hz to 300 KHz) Full Service Repair Services</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>FSR93000200-01</td>
<td>Full Serv Repair Serv Preampifier (96.5 GHz) Full Service Repair Services</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>FSR93000050-01</td>
<td>Full Serv Repair Serv System Mainframe Full Service Repair Services</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>FSR93000284-01</td>
<td>Full Serv Repair Serv Digitizing Oscilloscope Full Service Repair Services</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>FSR93000293-01</td>
<td>Full Serv Repair Serv Power Sensor Full Service Repair Services</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>FSR93000293-03</td>
<td>Full Serv Repair Serv Power Sensor Full Service Repair Services</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>FSR93000506-01</td>
<td>Full Serv Repair Serv 32-Channel, 5 A, Form C Switch Full Service Repair Services</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>FSR93000550-30</td>
<td>Full Serv Repair Serv Three-Phase AC Programmable Power Supply Full Service Repair Services</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>FSR94000104-10</td>
<td>Full Serv Repair Serv RF Interface Unit (RFIU) Mainframe Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000603-10</td>
<td>Full Serv Repair Serv RF Measurement #1 Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000604-10</td>
<td>Full Serv Repair Serv RF Converter Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000605-10</td>
<td>Full Serv Repair Serv RF Output Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000606-70</td>
<td>Full Serv Repair Serv RF Controller (JSTARS) Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000606-10</td>
<td>Full Serv Repair Serv RF Controller (BRAT® 305/405) Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000606-50</td>
<td>Full Serv Repair Serv RF Controller (JMTDS) Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000606-70</td>
<td>Full Serv Repair Serv RF Controller (JSTARS) Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000833-01</td>
<td>Full Serv Repair Serv Frequency Extension Module Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000855-01</td>
<td>Full Serv Repair Serv Microwave Signal Generator Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000887-01</td>
<td>Full Serv Repair Serv DC Power Supply Frame Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000888-01</td>
<td>Full Serv Repair Serv 0 to 7 V Module for DC Power Supply Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000889-01</td>
<td>Full Serv Repair Serv 0 to 90 V Module for DC Power Supply Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94000890-01</td>
<td>Full Serv Repair Serv 0 to 32 V Module for DC Power Supply Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94100500-10</td>
<td>Full Serv Repair Serv Electronic Power Control Center - Single Phase Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94100554-10</td>
<td>Full Serv Repair Serv Phase Balance Module Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94100604-01</td>
<td>Full Serv Repair Serv Frequency Counter Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94100750-01</td>
<td>Full Serv Repair Serv Power Distribution Unit Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94100751-01</td>
<td>Full Serv Repair Serv Three-Phase Power Supply (Master) Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94100752-01</td>
<td>Full Serv Repair Serv Three-Phase Power Supply (Slave) Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94100766-10</td>
<td>Full Serv Repair Serv Timing Generator Module Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94101013-50</td>
<td>Full Serv Repair Serv Phase Noise Measurement System Reference Source Unit Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR94101130-01</td>
<td>Full Serv Repair Serv Phase Noise Measurement System Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR95000008-03</td>
<td>Full Serv Repair Serv Microwave Network Analyzer Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR95000019-03</td>
<td>Full Serv Repair Serv MIL-STD-1553A/B Bus Analyzer Simulator Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR95000045-01</td>
<td>Full Serv Repair Serv 0 to 160 V Module for DC Power Supply Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR95000049-01</td>
<td>Full Serv Repair Serv Synchro/Resolver Simulator and Indicator Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR95000340-01</td>
<td>Full Serv Repair Serv Microwave Network Analyzer Calibration Kit Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR95000018-03</td>
<td>Full Serv Repair Serv Auxiliary RF Signal Processor/Matrix Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000001-01</td>
<td>Full Serv Repair Serv Auxiliary RF Signal Processor/Matrix Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000003-01</td>
<td>Full Serv Repair Serv 50 MHz Digital Interface Timing Module Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000012-01</td>
<td>Full Serv Repair Serv 32-Channel Differential ECL I/O Module Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000013-01</td>
<td>Full Serv Repair Serv Timing Module Extension Card (Dual) Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000014-01</td>
<td>Full Serv Repair Serv Timing Module Extension Card (Single) Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000015-01</td>
<td>Full Serv Repair Serv High Power Mainframe - 6 Slots Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000016-01</td>
<td>Full Serv Repair Serv High Power Mainframe - 13 Slots Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000030-01</td>
<td>Full Serv Repair Serv Current Sharing Power Supply Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000010-01</td>
<td>Full Serv Repair Serv VXI-MXI-2 Kit Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000011-01</td>
<td>Full Serv Repair Serv VXI-MXI-2 Extender Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000020-01</td>
<td>Full Serv Repair Serv Programmable Electronic Load Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000021-01</td>
<td>Full Serv Repair Serv 1 KW Programmable Power Supply Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96000045-01</td>
<td>Full Serv Repair Serv PCI-MXI-2 CCA Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96740017-01</td>
<td>Full Serv Repair Serv Peak Power Meter Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96740017-03</td>
<td>Full Serv Repair Serv Peak Power Meter Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>FSR96740019-01</td>
<td>Full Serv Repair Serv Peak Power Sensor Full Service Repair Services</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>FSR96740019-03</td>
<td>Full Serv Repair Serv</td>
<td>Peak Power Sensor Full Service Repair Services</td>
<td>118</td>
</tr>
<tr>
<td>FSR96740021-01</td>
<td>Full Serv Repair Serv</td>
<td>Frequency Synthesizer Full Service Repair Services</td>
<td>118</td>
</tr>
<tr>
<td>FSR96740022-03</td>
<td>Full Serv Repair Serv</td>
<td>Power Amplifier Full Service Repair Services</td>
<td>118</td>
</tr>
<tr>
<td>FSR96740045-10</td>
<td>Full Serv Repair Serv</td>
<td>L-Band Signal Conditioning Module Full Service Repair Services</td>
<td>118</td>
</tr>
<tr>
<td>FSR96740070-10</td>
<td>Full Serv Repair Serv</td>
<td>Reference Generator Module Full Service Repair Services</td>
<td>118</td>
</tr>
<tr>
<td>FSR96740103-10</td>
<td>Full Serv Repair Serv</td>
<td>CPSM Modulator/Demodulator Module Full Service Repair Services</td>
<td>118</td>
</tr>
<tr>
<td>FSR98000100-30</td>
<td>Full Serv Repair Serv</td>
<td>Programmable Video Generator and Analyzer Module (A-10) Full Service Repair Services</td>
<td>118</td>
</tr>
<tr>
<td>FSR9715045-01</td>
<td>Full Serv Repair Serv</td>
<td>Blower Assembly Full Service Repair Services</td>
<td>118</td>
</tr>
<tr>
<td>H-LRU-00-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-00-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-01-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-01-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-02-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-02-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-02-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-03-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-03-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-03-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-04-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-04-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-04-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-05-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-05-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-05-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-06-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-06-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-06-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-07-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-07-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-07-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-08-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-08-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-08-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-09-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-09-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-09-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-10-ITA</td>
<td>ITA-LRU</td>
<td>Analog/Digital Hybrid TPS Development - LRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-10-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>H-LRU-10-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-00-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-00-TPSU</td>
<td>TPS</td>
<td>SRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-01-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-01-TPS</td>
<td>TPS</td>
<td>LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-01-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation -</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-02-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
</tbody>
</table>

184
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-SRU-05-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-05-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-05-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-06-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-06-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-06-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-07-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-07-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-07-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-08-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-08-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-08-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-09-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-09-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-09-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-10-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-10-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-10-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-11-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-11-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-11-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-12-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-12-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 12.0 to 12.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-12-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 12.0 to 12.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-13-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-13-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 13.0 to 13.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-13-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 13.0 to 13.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-14-TPSU</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-14-TPS</td>
<td>TPS</td>
<td>Analog/Digital Hybrid TPS Development - SRU - Complexity 14.0 to 14.9</td>
<td>140</td>
</tr>
<tr>
<td>H-SRU-14-ITA</td>
<td>ITA-SRU</td>
<td>Analog/Digital Hybrid TPS Development - SRU ITA - Complexity 14.0 to 14.9</td>
<td>140</td>
</tr>
<tr>
<td>HCATS-101</td>
<td>Systems</td>
<td>HCATS-101 Test System</td>
<td>60</td>
</tr>
<tr>
<td>HF-101</td>
<td>TPS</td>
<td>Holding Fixtures for LRU/SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>HF-102</td>
<td>TPS</td>
<td>Holding Fixtures for LRU/SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>HF-103</td>
<td>TPS</td>
<td>Holding Fixtures for LRU/SRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>HF-104</td>
<td>TPS</td>
<td>Holding Fixtures for LRU/SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>HF-105</td>
<td>TPS</td>
<td>Holding Fixtures for LRU/SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>HF-106</td>
<td>TPS</td>
<td>Holding Fixtures for LRU/SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>HR-LRU-01-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>HR-LRU-02-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>HR-LRU-03-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>HR-LRU-04-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>HR-LRU-05-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
</tbody>
</table>
## Index

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR-LRU-06-ITA</td>
<td>ITA-Complex Rollup</td>
<td>Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>ICO-1</td>
<td>BRAT® Install/Checkout</td>
<td>BRAT® Equipment Installation and Checkout - Complexity 1.0 to 1.9</td>
<td>108</td>
</tr>
<tr>
<td>ICO-2</td>
<td>BRAT® Install/Checkout</td>
<td>BRAT® Equipment Installation and Checkout - Complexity 2.0 to 2.9</td>
<td>108</td>
</tr>
<tr>
<td>ICO-3</td>
<td>BRAT® Install/Checkout</td>
<td>BRAT® Equipment Installation and Checkout - Complexity 3.0 to 3.9</td>
<td>108</td>
</tr>
<tr>
<td>ICO-4</td>
<td>BRAT® Install/Checkout</td>
<td>BRAT® Equipment Installation and Checkout - Complexity 4.0 to 4.9</td>
<td>108</td>
</tr>
<tr>
<td>ICO-5</td>
<td>BRAT® Install/Checkout</td>
<td>BRAT® Equipment Installation and Checkout - Complexity 5.0 to 5.9</td>
<td>108</td>
</tr>
<tr>
<td>ILLU-1003</td>
<td>Support Services</td>
<td>Illustrator/Writer</td>
<td>142</td>
</tr>
<tr>
<td>INSTL MAJOR</td>
<td>Install/Repairs/Kits</td>
<td>Major Installation</td>
<td>108</td>
</tr>
<tr>
<td>INSTL MINOR</td>
<td>Install/Repairs/Kits</td>
<td>Minor Installation</td>
<td>108</td>
</tr>
<tr>
<td>IRDR-LRU-01-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Digital Complex Rollup - LRU ITA - Complexity 1.0 to 1.9</td>
<td>130</td>
</tr>
<tr>
<td>IRDR-LRU-02-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Digital Complex Rollup - LRU ITA - Complexity 2.0 to 2.9</td>
<td>130</td>
</tr>
<tr>
<td>IRDR-LRU-03-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Digital Complex Rollup - LRU ITA - Complexity 3.0 to 3.9</td>
<td>130</td>
</tr>
<tr>
<td>IRDR-LRU-04-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Digital Complex Rollup - LRU ITA - Complexity 4.0 to 4.9</td>
<td>130</td>
</tr>
<tr>
<td>IRDR-LRU-05-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Digital Complex Rollup - LRU ITA - Complexity 5.0 to 5.9</td>
<td>130</td>
</tr>
<tr>
<td>IRDR-LRU-06-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Digital Complex Rollup - LRU ITA - Complexity 6.0 to 6.9</td>
<td>130</td>
</tr>
<tr>
<td>IREOR-LRU-01-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Electro Optic Complex Rollup - LRU ITA - Complexity 1.0 to 1.9</td>
<td>130</td>
</tr>
<tr>
<td>IREOR-LRU-02-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Electro Optic Complex Rollup - LRU ITA - Complexity 2.0 to 2.9</td>
<td>130</td>
</tr>
<tr>
<td>IREOR-LRU-03-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Electro Optic Complex Rollup - LRU ITA - Complexity 3.0 to 3.9</td>
<td>130</td>
</tr>
<tr>
<td>IREOR-LRU-04-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Electro Optic Complex Rollup - LRU ITA - Complexity 4.0 to 4.9</td>
<td>130</td>
</tr>
<tr>
<td>IREOR-LRU-05-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Electro Optic Complex Rollup - LRU ITA - Complexity 5.0 to 5.9</td>
<td>130</td>
</tr>
<tr>
<td>IREOR-LRU-06-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Electro Optic Complex Rollup - LRU ITA - Complexity 6.0 to 5.9</td>
<td>130</td>
</tr>
<tr>
<td>IRHR-LRU-01-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 1.0 to 1.9</td>
<td>130</td>
</tr>
<tr>
<td>IRHR-LRU-02-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 2.0 to 2.9</td>
<td>130</td>
</tr>
<tr>
<td>IRHR-LRU-03-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 3.0 to 3.9</td>
<td>130</td>
</tr>
<tr>
<td>IRHR-LRU-04-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 4.0 to 4.9</td>
<td>130</td>
</tr>
<tr>
<td>IRHR-LRU-05-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 5.0 to 5.9</td>
<td>130</td>
</tr>
<tr>
<td>IRHR-LRU-06-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit Analog/Digital Hybrid Complex Rollup - LRU ITA - Complexity 6.0 to 6.9</td>
<td>130</td>
</tr>
<tr>
<td>IRRF-LRU-01-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit RF Complex Rollup - LRU ITA - Complexity 1.0 to 1.9</td>
<td>130</td>
</tr>
<tr>
<td>IRRF-LRU-02-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit RF Complex Rollup - LRU ITA - Complexity 2.0 to 2.9</td>
<td>130</td>
</tr>
<tr>
<td>IRRF-LRU-03-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit RF Complex Rollup - LRU ITA - Complexity 3.0 to 3.9</td>
<td>130</td>
</tr>
<tr>
<td>IRRF-LRU-04-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit RF Complex Rollup - LRU ITA - Complexity 4.0 to 4.9</td>
<td>130</td>
</tr>
<tr>
<td>IRRF-LRU-05-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit RF Complex Rollup - LRU ITA - Complexity 5.0 to 5.9</td>
<td>130</td>
</tr>
<tr>
<td>IRRF-LRU-06-ITA</td>
<td>ITA Retrofit</td>
<td>Retrofit RF Complex Rollup - LRU ITA - Complexity 6.0 to 6.9</td>
<td>130</td>
</tr>
<tr>
<td>IB-EXTD INSTL</td>
<td>Install/Repairs/Kits</td>
<td>Installation of DCPS Cable Extension J8 Kit for B105/B303/C83058/R205/R405B</td>
<td>128</td>
</tr>
<tr>
<td>L-101</td>
<td>Leasing</td>
<td>Leasing - TPS, ITA, Holding Fixture, or Tester</td>
<td>96</td>
</tr>
<tr>
<td>LDP-1</td>
<td>Training/Maint</td>
<td>Logistic Data Package - Complexity 1</td>
<td>139</td>
</tr>
<tr>
<td>LDP-2</td>
<td>Training/Maint</td>
<td>Logistic Data Package - Complexity 2</td>
<td>139</td>
</tr>
<tr>
<td>LDP-3</td>
<td>Training/Maint</td>
<td>Logistic Data Package - Complexity 3</td>
<td>139</td>
</tr>
<tr>
<td>LDP-4</td>
<td>Training/Maint</td>
<td>Logistic Data Package - Complexity 4</td>
<td>139</td>
</tr>
<tr>
<td>LDP-5</td>
<td>Training/Maint</td>
<td>Logistic Data Package - Complexity 5</td>
<td>139</td>
</tr>
<tr>
<td>LPADC INSTL</td>
<td>Install/Repairs/Kits</td>
<td>Installation of Low Power ADC Subsystem Retrofit Kit for Waveform Digitizers</td>
<td>128</td>
</tr>
<tr>
<td>LPF-2009090</td>
<td>Equipment</td>
<td>Low Power Filter Production</td>
<td>92</td>
</tr>
<tr>
<td>L9668-111-011-01</td>
<td>Pneumatic</td>
<td>Pressure Gauge</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-011-02</td>
<td>Pneumatic</td>
<td>Pressure Gauge</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-012-01</td>
<td>Parts/Assemblies</td>
<td>12 Vdc Power Supply</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-013-01</td>
<td>Parts/Assemblies</td>
<td>DC Motor Controller</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-013-03</td>
<td>Parts/Assemblies</td>
<td>DC Motor Controller</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-014-01</td>
<td>Pneumatic</td>
<td>RV Operator</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-014-03</td>
<td>Pneumatic</td>
<td>RV Operator</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-015-01</td>
<td>Pneumatic</td>
<td>Pressure Gauge</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-015-02</td>
<td>Pneumatic</td>
<td>Pressure Gauge</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-016-01</td>
<td>Pneumatic</td>
<td>Pressure Transducer</td>
<td>99</td>
</tr>
<tr>
<td>J8-504</td>
<td>Support Services</td>
<td>Junior Technician</td>
<td>149</td>
</tr>
<tr>
<td>JEE-304</td>
<td>Support Services</td>
<td>Junior Electrical Engineer</td>
<td>149</td>
</tr>
<tr>
<td>JME-404</td>
<td>Support Services</td>
<td>Junior Mechanical Engineer</td>
<td>149</td>
</tr>
<tr>
<td>JPS-804</td>
<td>Support Services</td>
<td>Junior Publication Specialist</td>
<td>149</td>
</tr>
<tr>
<td>JSE-504</td>
<td>Support Services</td>
<td>Junior Software Engineer</td>
<td>149</td>
</tr>
<tr>
<td>JT-1006</td>
<td>Support Services</td>
<td>Junior Typist</td>
<td>149</td>
</tr>
<tr>
<td>JT-704</td>
<td>Support Services</td>
<td>Junior Technician</td>
<td>149</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------------</td>
<td>------------------</td>
<td>--------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>L9668-111-016-02</td>
<td>Pneumatic</td>
<td>Pressure Transducer</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-016-03</td>
<td>Pneumatic</td>
<td>Pressure Transducer</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-016-04</td>
<td>Pneumatic</td>
<td>Pressure Transducer</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-016-05</td>
<td>Pneumatic</td>
<td>Pressure Transducer</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-020-11</td>
<td>Parts/Assemblies</td>
<td>DC Strain Conditioner</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-020-12</td>
<td>Parts/Assemblies</td>
<td>RTD Conditioner</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-020-13</td>
<td>Parts/Assemblies</td>
<td>DCV Input Card</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-020-14</td>
<td>Parts/Assemblies</td>
<td>Logic I/O Card</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-020-15</td>
<td>Parts/Assemblies</td>
<td>Frequency Input Card</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-020-16</td>
<td>Parts/Assemblies</td>
<td>Central Processor Card</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-020-17</td>
<td>Parts/Assemblies</td>
<td>IEEE-488 Data Acquisition and Control Mainframe</td>
<td>88</td>
</tr>
<tr>
<td>L9668-111-021-01</td>
<td>Parts/Assemblies</td>
<td>16-Channel Circuit Card</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-021-02</td>
<td>Parts/Assemblies</td>
<td>AC Output Relay</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-021-03</td>
<td>Parts/Assemblies</td>
<td>AC Input Relay</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-021-04</td>
<td>Parts/Assemblies</td>
<td>DC Output Relay</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-022-01</td>
<td>Parts/Assemblies</td>
<td>Surface Mount Temperature Transducer</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-023-01</td>
<td>Pneumatic</td>
<td>Gas Filter</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-023-11</td>
<td>Pneumatic</td>
<td>Gas Filter Replacement Filter</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-024-01</td>
<td>Pneumatic</td>
<td>2-Way NO Shutoff Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-024-02</td>
<td>Pneumatic</td>
<td>2-Way NC Shutoff Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-024-03</td>
<td>Pneumatic</td>
<td>3-Way Shutoff Valve (Return Port 1)</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-024-04</td>
<td>Pneumatic</td>
<td>3-Way Shutoff Valve (Return Port 2)</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-025-01</td>
<td>Pneumatic</td>
<td>Gas Regulator</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-025-02</td>
<td>Pneumatic</td>
<td>Gas Regulator</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-025-03</td>
<td>Pneumatic</td>
<td>Gas Regulator</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-026-01</td>
<td>Pneumatic</td>
<td>Air Regulator</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-026-02</td>
<td>Pneumatic</td>
<td>Air Regulator</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-027-01</td>
<td>Pneumatic</td>
<td>Metering Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-027-02</td>
<td>Pneumatic</td>
<td>Metering Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-027-03</td>
<td>Pneumatic</td>
<td>Metering Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-028-01</td>
<td>Pneumatic</td>
<td>Flowmeter</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-029-02</td>
<td>Pneumatic</td>
<td>Flowmeter</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-029-03</td>
<td>Pneumatic</td>
<td>Flow Signal Conditioner</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-030-01</td>
<td>Pneumatic</td>
<td>Check Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-030-02</td>
<td>Pneumatic</td>
<td>Check Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-030-03</td>
<td>Pneumatic</td>
<td>Check Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-030-04</td>
<td>Pneumatic</td>
<td>Check Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-031-01</td>
<td>Parts/Assemblies</td>
<td>Temperature Probe</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-032-01</td>
<td>Parts/Assemblies</td>
<td>45 Vdc Power Supply</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-033-11</td>
<td>Parts/Assemblies</td>
<td>Pushbutton</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-033-12</td>
<td>Parts/Assemblies</td>
<td>Illuminated Button</td>
<td>136</td>
</tr>
<tr>
<td>L9668-111-033-13</td>
<td>Parts/Assemblies</td>
<td>Lamp</td>
<td>137</td>
</tr>
<tr>
<td>L9668-111-036-01</td>
<td>Parts/Assemblies</td>
<td>24 Vdc Power Supply</td>
<td>137</td>
</tr>
<tr>
<td>L9668-111-037-01</td>
<td>Parts/Assemblies</td>
<td>45 Vdc Power Supply</td>
<td>137</td>
</tr>
<tr>
<td>L9668-111-039-01</td>
<td>Parts/Assemblies</td>
<td>Power Outlet Strip</td>
<td>137</td>
</tr>
<tr>
<td>L9668-111-041-01</td>
<td>Parts/Assemblies</td>
<td>Fuse (Qty. 8)</td>
<td>137</td>
</tr>
<tr>
<td>L9668-111-041-03</td>
<td>Parts/Assemblies</td>
<td>Fuse (Qty. 8)</td>
<td>137</td>
</tr>
<tr>
<td>L9668-111-043-01</td>
<td>Parts/Assemblies</td>
<td>Control Relay</td>
<td>137</td>
</tr>
<tr>
<td>L9668-111-051-01</td>
<td>Pneumatic</td>
<td>Solenoid Valve</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-052-01</td>
<td>Pneumatic</td>
<td>Filter Regulator</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-054-11</td>
<td>Pneumatic</td>
<td>Filter Replacement</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-055-01</td>
<td>Parts/Assemblies</td>
<td>Hourmeter</td>
<td>137</td>
</tr>
<tr>
<td>L9668-111-057-01</td>
<td>Pneumatic</td>
<td>Restrictor Orifice</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-057-02</td>
<td>Pneumatic</td>
<td>Restrictor Orifice</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-057-03</td>
<td>Pneumatic</td>
<td>Restrictor Orifice</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-057-04</td>
<td>Pneumatic</td>
<td>Restrictor Orifice</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-058-01</td>
<td>Pneumatic</td>
<td>Ullage Volume</td>
<td>99</td>
</tr>
<tr>
<td>L9668-111-060-01</td>
<td>Pneumatic</td>
<td>Gauge Protector</td>
<td>99</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>L9668-111-01</td>
<td>Parts/Assemblies</td>
<td>Circuit Breaker</td>
<td>137</td>
</tr>
<tr>
<td>MAINT-SRVC-CY10-750</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 750 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY11-1800</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY11-9400</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY11-3000</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY12-1800</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY12-9400</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY12-3000</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY13-1800</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY13-9400</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY13-3000</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY14-1800</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY14-9400</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY14-3000</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY15-1800</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 1800 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY15-9400</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 2400 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAINT-SRVC-CY15-3000</td>
<td>Maintenance Service</td>
<td>Management and Engineering Support - Tester(s) Maintenance and Servicing up to 3000 Hours</td>
<td>197</td>
</tr>
<tr>
<td>MAP-5831-01-010-3519</td>
<td>Avionics Systems</td>
<td>Avionics Retrofit for Mission Audio Panel</td>
<td>100</td>
</tr>
<tr>
<td>MC100M</td>
<td>Systems</td>
<td>MCBRAT® Test System</td>
<td>61</td>
</tr>
<tr>
<td>ME-403</td>
<td>Support Services</td>
<td>Mechanical Engineer</td>
<td>149</td>
</tr>
<tr>
<td>MESA-SR-U-00-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 0.0 to 0.9</td>
<td>139</td>
</tr>
<tr>
<td>MESA-SR-U-01-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 1.0 to 1.9</td>
<td>139</td>
</tr>
<tr>
<td>MESA-SR-U-02-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 2.0 to 2.9</td>
<td>139</td>
</tr>
<tr>
<td>MESA-SR-U-03-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 3.0 to 3.9</td>
<td>139</td>
</tr>
<tr>
<td>MESA-SR-U-04-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 4.0 to 4.9</td>
<td>139</td>
</tr>
<tr>
<td>MESA-SR-U-05-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>139</td>
</tr>
<tr>
<td>MESA-SR-U-06-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 6.0 to 6.9</td>
<td>139</td>
</tr>
<tr>
<td>MESA-SR-U-07-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 7.0 to 7.9</td>
<td>139</td>
</tr>
<tr>
<td>MESA-SR-U-08-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 8.0 to 8.9</td>
<td>139</td>
</tr>
<tr>
<td>MESA-SR-U-09-TPS</td>
<td>MESA/TPS</td>
<td>Microelectronics Simulation Analysis for TPS Development - SRU - Complexity 9.0 to 9.9</td>
<td>139</td>
</tr>
<tr>
<td>MK-131</td>
<td>Modernization Kits</td>
<td>Modernization Kit - Complexity 1.0 to 1.9</td>
<td>130</td>
</tr>
<tr>
<td>MK-132</td>
<td>Modernization Kits</td>
<td>Modernization Kit - Complexity 2.0 to 2.9</td>
<td>130</td>
</tr>
<tr>
<td>MK-133</td>
<td>Modernization Kits</td>
<td>Modernization Kit - Complexity 3.0 to 3.9</td>
<td>130</td>
</tr>
<tr>
<td>MK-134</td>
<td>Modernization Kits</td>
<td>Modernization Kit - Complexity 4.0 to 4.9</td>
<td>130</td>
</tr>
<tr>
<td>MK-135</td>
<td>Modernization Kits</td>
<td>Modernization Kit - Complexity 5.0 to 5.9</td>
<td>130</td>
</tr>
<tr>
<td>MK-136</td>
<td>Modernization Kits</td>
<td>Modernization Kit - Complexity 6.0 to 6.9</td>
<td>130</td>
</tr>
<tr>
<td>MK-137</td>
<td>Modernization Kits</td>
<td>Modernization Kit - Complexity 7.0 to 7.9</td>
<td>130</td>
</tr>
<tr>
<td>MK-138</td>
<td>Modernization Kits</td>
<td>Modernization Kit - Complexity 8.0 to 8.9</td>
<td>130</td>
</tr>
<tr>
<td>MK-139</td>
<td>Modernization Kits</td>
<td>Modernization Kit - Complexity 9.0 to 9.9</td>
<td>130</td>
</tr>
<tr>
<td>MRSHVITA-10</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 90 repairs per year)</td>
<td>196</td>
</tr>
<tr>
<td>MRSHVITA-10A</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 30 repairs per year)</td>
<td>196</td>
</tr>
<tr>
<td>MRSHVITA-11</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 90 repairs per year)</td>
<td>196</td>
</tr>
<tr>
<td>MRSHVITA-11A</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 30 repairs per year)</td>
<td>196</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>----------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>MRSHVTAITS-19</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 20 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-19A</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 30 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-13</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 90 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-13A</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 90 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-14</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 30 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-14A</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 90 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-15</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 30 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-15A</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 90 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-16</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 20 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-16A</td>
<td>Maintenance</td>
<td>HVA ITA Maintenance (no more than 30 repairs per year)</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-10</td>
<td>Maintenance</td>
<td>HVA ITA Indemnity Coverage</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-11</td>
<td>Maintenance</td>
<td>HVA ITA Indemnity Coverage</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-12</td>
<td>Maintenance</td>
<td>HVA ITA Indemnity Coverage</td>
<td>126</td>
</tr>
<tr>
<td>MRSHVTAITS-13</td>
<td>Maintenance</td>
<td>HVA ITA Indemnity Coverage</td>
<td>126</td>
</tr>
<tr>
<td>MS27500F25C</td>
<td>Common Parts</td>
<td>Electrical Connector Cover</td>
<td>93</td>
</tr>
<tr>
<td>M39012/25-0016</td>
<td>Cables-Com4</td>
<td>BNC Shorting Plug with Chain</td>
<td>135</td>
</tr>
<tr>
<td>M55149/01-FA-04</td>
<td>Cables-Com4</td>
<td>Binding Post</td>
<td>135</td>
</tr>
<tr>
<td>M55339/09-30001</td>
<td>Cables-Com4</td>
<td>Right Angle SMA Plug to Jack Adapter</td>
<td>135</td>
</tr>
<tr>
<td>M55339/31-30001</td>
<td>Cables-Com4</td>
<td>SMA Jack to Jack Adapter</td>
<td>135</td>
</tr>
<tr>
<td>M55339/47-30101</td>
<td>Cables-Com4</td>
<td>BNC Jack to SMA Plug Adapter</td>
<td>135</td>
</tr>
<tr>
<td>M55339/49-00349</td>
<td>Cables-Com4</td>
<td>BNC Plug to Type N Jack Adapter</td>
<td>135</td>
</tr>
<tr>
<td>OEM Manuals</td>
<td>Manuals</td>
<td>OEM Manuals</td>
<td>96</td>
</tr>
<tr>
<td>Option B507-100</td>
<td>Systems</td>
<td>Option B507-100 for the BRAT® Option B507</td>
<td>34</td>
</tr>
<tr>
<td>Option B507-900</td>
<td>Systems</td>
<td>Option B507-900 for the BRAT® Option B507</td>
<td>34</td>
</tr>
<tr>
<td>Option B511-100</td>
<td>Systems</td>
<td>Option B511-100 for the BRAT® Option B511</td>
<td>36</td>
</tr>
<tr>
<td>Option B511-900</td>
<td>Systems</td>
<td>Option B511-900 for the BRAT® Option B511</td>
<td>36</td>
</tr>
<tr>
<td>Option B511-300</td>
<td>Systems</td>
<td>Option B511-300 for the BRAT® Option B511</td>
<td>36</td>
</tr>
<tr>
<td>Option B511-400</td>
<td>Systems</td>
<td>Option B511-400 for the BRAT® Option B511</td>
<td>36</td>
</tr>
<tr>
<td>Option B509-100</td>
<td>Systems</td>
<td>Option B509-100 for the BRAT® Option B509</td>
<td>40</td>
</tr>
<tr>
<td>Option B509-900</td>
<td>Systems</td>
<td>Option B509-900 for the BRAT® Option B509</td>
<td>40</td>
</tr>
<tr>
<td>Option B509-300</td>
<td>Systems</td>
<td>Option B509-300 for the BRAT® Option B509</td>
<td>40</td>
</tr>
<tr>
<td>Option B509-400</td>
<td>Systems</td>
<td>Option B509-400 for the BRAT® Option B509</td>
<td>40</td>
</tr>
<tr>
<td>Option RF305BJ-900</td>
<td>Systems</td>
<td>Option RF305BJ-900 for the BRAT® RF305BJ</td>
<td>21</td>
</tr>
<tr>
<td>Option RF305BJ-500/RF307BJ-500</td>
<td>Systems</td>
<td>Option RF305BJ-500/RF307BJ-500 for the BRAT® RF305BJ or the BRAT® RF307BJ</td>
<td>21,53</td>
</tr>
<tr>
<td>Option RF307BJ-102</td>
<td>Systems</td>
<td>Option RF307BJ-102 for the BRAT® RF307BJ or the Transportable BRAT® RF407BJ</td>
<td>53,54</td>
</tr>
<tr>
<td>Option RF307BJ-900</td>
<td>Systems</td>
<td>Option RF307BJ-900 for the BRAT® RF307BJ</td>
<td>53</td>
</tr>
<tr>
<td>Option RF307BJ-300</td>
<td>Systems</td>
<td>Option RF307BJ-300 for the BRAT® RF307BJ</td>
<td>53</td>
</tr>
<tr>
<td>Option RF405BJ-100</td>
<td>Systems</td>
<td>Option RF405BJ-100 for the Transportable BRAT® RF405BJ or the BRAT® RF305BJ</td>
<td>21,22</td>
</tr>
<tr>
<td>Option RF405BJ-101</td>
<td>Systems</td>
<td>Option RF405BJ-101 for the Transportable BRAT® RF405BJ or the BRAT® RF305BJ</td>
<td>21,22</td>
</tr>
<tr>
<td>Option RF405BJ-102</td>
<td>Systems</td>
<td>Option RF405BJ-102 for the Transportable BRAT® RF405BJ or the BRAT® RF305BJ</td>
<td>21,22</td>
</tr>
<tr>
<td>Option RF405BJ-500/RF407BJ-500</td>
<td>Systems</td>
<td>Option RF405BJ-500/RF407BJ-500 for the Transportable BRAT® RF405BJ or the Transportable BRAT® RF407BJ</td>
<td>22,54</td>
</tr>
<tr>
<td>Option 100</td>
<td>Systems</td>
<td>Option 100 for the BRAT® Option B504</td>
<td>33</td>
</tr>
<tr>
<td>Option 10302</td>
<td>Systems</td>
<td>BRAT® B103 Option 02</td>
<td>13</td>
</tr>
<tr>
<td>Option 10303</td>
<td>Systems</td>
<td>BRAT® B103 Option 03</td>
<td>13</td>
</tr>
<tr>
<td>Option 10501</td>
<td>Systems</td>
<td>BRAT® B105 Option 01</td>
<td>14,15</td>
</tr>
<tr>
<td>Option 10501A</td>
<td>Systems</td>
<td>BRAT® B105 Option 01A</td>
<td>14,15</td>
</tr>
<tr>
<td>Option 10502</td>
<td>Systems</td>
<td>BRAT® B105 Option 02</td>
<td>14,15</td>
</tr>
<tr>
<td>Option 10503</td>
<td>Systems</td>
<td>BRAT® B105 Option 03</td>
<td>14,15</td>
</tr>
<tr>
<td>Option 10509</td>
<td>Systems</td>
<td>BRAT® B105 Option 09</td>
<td>14,15</td>
</tr>
<tr>
<td>Option 10510</td>
<td>Systems</td>
<td>BRAT® B105 Option 10</td>
<td>107</td>
</tr>
<tr>
<td>Option 10511</td>
<td>Systems</td>
<td>BRAT® B105 Option 11</td>
<td>107</td>
</tr>
<tr>
<td>Option 20302</td>
<td>Systems</td>
<td>BRAT® R903 Option 02</td>
<td>27</td>
</tr>
<tr>
<td>Option 20303</td>
<td>Systems</td>
<td>BRAT® R903 Option 03</td>
<td>27</td>
</tr>
<tr>
<td>Option 20501</td>
<td>Systems</td>
<td>BRAT® R905 Option 01</td>
<td>28</td>
</tr>
<tr>
<td>Option 20501A</td>
<td>Systems</td>
<td>BRAT® R905 Option 01A</td>
<td>28</td>
</tr>
<tr>
<td>Option 20502</td>
<td>Systems</td>
<td>BRAT® R905 Option 02</td>
<td>28</td>
</tr>
<tr>
<td>Option 20503</td>
<td>Systems</td>
<td>BRAT® R905 Option 03</td>
<td>28</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>----------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Option 20509</td>
<td>Systems</td>
<td>BRAT® R205 Option 09</td>
<td>98</td>
</tr>
<tr>
<td>Option 20510</td>
<td>Systems</td>
<td>BRAT® R205 Option 10</td>
<td>107</td>
</tr>
<tr>
<td>Option 20511</td>
<td>Systems</td>
<td>BRAT® R205 Option 11</td>
<td>107</td>
</tr>
<tr>
<td>Option 30302</td>
<td>Systems</td>
<td>BRAT® B303C Option 02</td>
<td>17</td>
</tr>
<tr>
<td>Option 30303</td>
<td>Systems</td>
<td>BRAT® B303C Option 03</td>
<td>17</td>
</tr>
<tr>
<td>Option 30304</td>
<td>Systems</td>
<td>BRAT® B303C Option 04</td>
<td>17</td>
</tr>
<tr>
<td>Option 30305</td>
<td>Systems</td>
<td>BRAT® B303C Option 05</td>
<td>17</td>
</tr>
<tr>
<td>Option 30308</td>
<td>Systems</td>
<td>BRAT® B303C Option 08</td>
<td>17</td>
</tr>
<tr>
<td>Option 30309</td>
<td>Systems</td>
<td>BRAT® B303C Option 09</td>
<td>17</td>
</tr>
<tr>
<td>Option 30310</td>
<td>Systems</td>
<td>BRAT® B303C Option 10</td>
<td>107</td>
</tr>
<tr>
<td>Option 30311</td>
<td>Systems</td>
<td>BRAT® B303C Option 11</td>
<td>107</td>
</tr>
<tr>
<td>Option 30501A</td>
<td>Systems</td>
<td>BRAT® B305B Option 01A</td>
<td>14, 16, 18</td>
</tr>
<tr>
<td>Option 30502</td>
<td>Systems</td>
<td>BRAT® B305B Option 02</td>
<td>14, 16, 18</td>
</tr>
<tr>
<td>Option 30503</td>
<td>Systems</td>
<td>BRAT® B305B Option 03</td>
<td>14, 16, 18</td>
</tr>
<tr>
<td>Option 30504</td>
<td>Systems</td>
<td>BRAT® B305B Option 04</td>
<td>14, 16, 18</td>
</tr>
<tr>
<td>Option 30505</td>
<td>Systems</td>
<td>BRAT® B305B Option 05</td>
<td>14, 16, 18</td>
</tr>
<tr>
<td>Option 30508</td>
<td>Systems</td>
<td>BRAT® B305B Option 08</td>
<td>14, 16, 18</td>
</tr>
<tr>
<td>Option 30509</td>
<td>Systems</td>
<td>BRAT® B305B Option 09</td>
<td>14, 16, 18</td>
</tr>
<tr>
<td>Option 30510</td>
<td>Systems</td>
<td>BRAT® B305B Option 10</td>
<td>107</td>
</tr>
<tr>
<td>Option 30511</td>
<td>Systems</td>
<td>BRAT® B305B Option 11</td>
<td>107</td>
</tr>
<tr>
<td>Option 30512</td>
<td>Systems</td>
<td>BRAT® B305B Option 12</td>
<td>14, 16, 18</td>
</tr>
<tr>
<td>Option 30525</td>
<td>Systems</td>
<td>BRAT® B305B Option 25</td>
<td>14</td>
</tr>
<tr>
<td>Option 40309</td>
<td>Systems</td>
<td>BRAT® R403C Option 09</td>
<td>28, 30</td>
</tr>
<tr>
<td>Option 40306</td>
<td>Systems</td>
<td>BRAT® R403C Option 06</td>
<td>99</td>
</tr>
<tr>
<td>Option 40302</td>
<td>Systems</td>
<td>BRAT® R403C Option 02</td>
<td>99</td>
</tr>
<tr>
<td>Option 40303</td>
<td>Systems</td>
<td>BRAT® R403C Option 03</td>
<td>99</td>
</tr>
<tr>
<td>Option 40304</td>
<td>Systems</td>
<td>BRAT® R403C Option 04</td>
<td>99</td>
</tr>
<tr>
<td>Option 40305</td>
<td>Systems</td>
<td>BRAT® R403C Option 05</td>
<td>99</td>
</tr>
<tr>
<td>Option 40308</td>
<td>Systems</td>
<td>BRAT® R403C Option 08</td>
<td>99</td>
</tr>
<tr>
<td>Option 40309</td>
<td>Systems</td>
<td>BRAT® R403C Option 09</td>
<td>99</td>
</tr>
<tr>
<td>Option 40310</td>
<td>Systems</td>
<td>BRAT® R403C Option 10</td>
<td>107</td>
</tr>
<tr>
<td>Option 40311</td>
<td>Systems</td>
<td>BRAT® R403C Option 11</td>
<td>107</td>
</tr>
<tr>
<td>Option 40501A</td>
<td>Systems</td>
<td>BRAT® R405B Option 01A</td>
<td>28, 30</td>
</tr>
<tr>
<td>Option 40502</td>
<td>Systems</td>
<td>BRAT® R405B Option 02</td>
<td>28, 30</td>
</tr>
<tr>
<td>Option 40503</td>
<td>Systems</td>
<td>BRAT® R405B Option 03</td>
<td>28, 30</td>
</tr>
<tr>
<td>Option 40504</td>
<td>Systems</td>
<td>BRAT® R405B Option 04</td>
<td>28, 30</td>
</tr>
<tr>
<td>Option 40505</td>
<td>Systems</td>
<td>BRAT® R405B Option 05</td>
<td>28, 30</td>
</tr>
<tr>
<td>Option 40506</td>
<td>Systems</td>
<td>BRAT® R405B Option 06</td>
<td>28, 30</td>
</tr>
<tr>
<td>Option 40508</td>
<td>Systems</td>
<td>BRAT® R405B Option 08</td>
<td>28, 30</td>
</tr>
<tr>
<td>Option 40509</td>
<td>Systems</td>
<td>BRAT® R405B Option 09</td>
<td>28, 30</td>
</tr>
<tr>
<td>Option 40510</td>
<td>Systems</td>
<td>BRAT® R405B Option 10</td>
<td>107</td>
</tr>
<tr>
<td>Option 40511</td>
<td>Systems</td>
<td>BRAT® R405B Option 11</td>
<td>107</td>
</tr>
<tr>
<td>Option 40609</td>
<td>Systems</td>
<td>BRAT® R406 Option 09</td>
<td>31</td>
</tr>
<tr>
<td>Option 40610</td>
<td>Systems</td>
<td>BRAT® R406 Option 10</td>
<td>107</td>
</tr>
<tr>
<td>Option 40611</td>
<td>Systems</td>
<td>BRAT® R406 Option 11</td>
<td>107</td>
</tr>
<tr>
<td>Option 500</td>
<td>Systems</td>
<td>Option 500 for the BRAT® Option B504</td>
<td>33</td>
</tr>
<tr>
<td>Option 600</td>
<td>Systems</td>
<td>Option 600 for the BRAT® Option B504</td>
<td>33</td>
</tr>
<tr>
<td>Option 67-100</td>
<td>Systems</td>
<td>Option 67-100 - Digital for the BRAT® 67</td>
<td>11</td>
</tr>
<tr>
<td>P/N 10</td>
<td>Manuals</td>
<td>BRAT® 100/300 Series Technical Manual</td>
<td>96</td>
</tr>
<tr>
<td>P/N 50</td>
<td>Manuals</td>
<td>BRAT® 500/400 Series Technical Manual</td>
<td>96</td>
</tr>
<tr>
<td>P/N 51</td>
<td>Manuals</td>
<td>BRAT® Option B504 Technical Manual</td>
<td>96</td>
</tr>
<tr>
<td>P/N 50</td>
<td>Manuals</td>
<td>BRAT® Option B507 Technical Manual</td>
<td>96</td>
</tr>
</tbody>
</table>
## Index

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA-601</td>
<td>Support Services</td>
<td>Project Analyst</td>
<td>142</td>
</tr>
<tr>
<td>PE-801</td>
<td>Support Services</td>
<td>Project Engineer</td>
<td>142</td>
</tr>
<tr>
<td>PEE-301</td>
<td>Support Services</td>
<td>Project Electrical Engineer</td>
<td>149</td>
</tr>
<tr>
<td>PI-DOCS-00</td>
<td>Proprietary Rpr Doc</td>
<td>Repair Document for Proprietary Information (10 pages) - Complexity 0.0 to 0.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-DOCS-01</td>
<td>Proprietary Rpr Doc</td>
<td>Repair Document for Proprietary Information (90 pages) - Complexity 1.0 to 1.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-DOCS-02</td>
<td>Proprietary Rpr Doc</td>
<td>Repair Document for Proprietary Information (30 pages) - Complexity 2.0 to 2.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-DOCS-03</td>
<td>Proprietary Rpr Doc</td>
<td>Repair Document for Proprietary Information (40 pages) - Complexity 3.0 to 3.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-DOCS-04</td>
<td>Proprietary Rpr Doc</td>
<td>Repair Document for Proprietary Information (50 pages) - Complexity 4.0 to 4.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-DOCS-05</td>
<td>Proprietary Rpr Doc</td>
<td>Repair Document for Proprietary Information (60 pages) - Complexity 5.0 to 5.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-PROC-MAN-00</td>
<td>Proprietary Proc Man</td>
<td>Procedure Manual for Proprietary Information (10 pages) - Complexity 0.0 to 0.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-PROC-MAN-01</td>
<td>Proprietary Proc Man</td>
<td>Procedure Manual for Proprietary Information (30 pages) - Complexity 1.0 to 1.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-PROC-MAN-02</td>
<td>Proprietary Proc Man</td>
<td>Procedure Manual for Proprietary Information (50 pages) - Complexity 2.0 to 2.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-PROC-MAN-03</td>
<td>Proprietary Proc Man</td>
<td>Procedure Manual for Proprietary Information (60 pages) - Complexity 3.0 to 3.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-PROC-MAN-04</td>
<td>Proprietary Proc Man</td>
<td>Procedure Manual for Proprietary Information (70 pages) - Complexity 4.0 to 4.9</td>
<td>138</td>
</tr>
<tr>
<td>PI-PROC-MAN-05</td>
<td>Proprietary Proc Man</td>
<td>Procedure Manual for Proprietary Information (80 pages) - Complexity 5.0 to 5.9</td>
<td>138</td>
</tr>
<tr>
<td>PM-102</td>
<td>Support Services</td>
<td>Program Manager</td>
<td>142</td>
</tr>
<tr>
<td>PME-401</td>
<td>Support Services</td>
<td>Project Mechanical Engineer</td>
<td>142</td>
</tr>
<tr>
<td>PNC-CAL-DOC-ASSY</td>
<td>Documentation</td>
<td>Phase Noise Calibrator Repair Documentation to Assembly/Module Level</td>
<td>139</td>
</tr>
<tr>
<td>PNC-CAL-DOC-COMPONENT</td>
<td>Documentation</td>
<td>Phase Noise Calibrator Repair Documentation to Piece-Part Level</td>
<td>139</td>
</tr>
<tr>
<td>PPS-801</td>
<td>Support Services</td>
<td>Project Publication Specialist</td>
<td>142</td>
</tr>
<tr>
<td>PQM-901</td>
<td>Support Services</td>
<td>Project Quality Manager</td>
<td>142</td>
</tr>
<tr>
<td>PS-803</td>
<td>Support Services</td>
<td>Publication Specialist</td>
<td>142</td>
</tr>
<tr>
<td>PSE-501</td>
<td>Support Services</td>
<td>Project Software Engineer</td>
<td>142</td>
</tr>
<tr>
<td>PT-701</td>
<td>Support Services</td>
<td>Project Technician</td>
<td>142</td>
</tr>
<tr>
<td>PURCH-1002</td>
<td>Support Services</td>
<td>Purchasing</td>
<td>142</td>
</tr>
<tr>
<td>QA-904</td>
<td>Support Services</td>
<td>Quality Assurance</td>
<td>142</td>
</tr>
<tr>
<td>QM-902</td>
<td>Support Services</td>
<td>Quality Manager</td>
<td>142</td>
</tr>
<tr>
<td>QS-903</td>
<td>Support Services</td>
<td>Quality Specialist</td>
<td>142</td>
</tr>
<tr>
<td>RA-LRU-01-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-LRU-02-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-LRU-03-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-LRU-04-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-LRU-05-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-LRU-06-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-SRU-01-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-SRU-02-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-SRU-03-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - SRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-SRU-04-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-SRU-05-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RA-SRU-06-TPS</td>
<td>TPS</td>
<td>Rehost Analog TPS Development - SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RAM UPGR INSTL</td>
<td>Install/Repairs/Kits</td>
<td>Installation of RAM Upgrade Kit</td>
<td>128</td>
</tr>
<tr>
<td>RAM UPGR KIT</td>
<td>Install/Repairs/Kits</td>
<td>RAM Upgrade Kit</td>
<td>128</td>
</tr>
<tr>
<td>RCS92000136-01</td>
<td>Repair/Cal Services</td>
<td>RF Pulse Amplifier Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92000259-01</td>
<td>Repair/Cal Services</td>
<td>Programmable DC Electronic Load Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103572-01</td>
<td>Repair/Cal Services</td>
<td>DC Power Supply #1 Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103572-05</td>
<td>Repair/Cal Services</td>
<td>DC Power Supply #2 Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103573-01</td>
<td>Repair/Cal Services</td>
<td>Single-Phase AC Programmable Power Supply Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103848-01</td>
<td>Repair/Cal Services</td>
<td>Pattern Pod Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103849-01</td>
<td>Repair/Cal Services</td>
<td>C-Size Mainframe with Command Module Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103850-01</td>
<td>Repair/Cal Services</td>
<td>160 MHz Timing I/O Module Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103851-01</td>
<td>Repair/Cal Services</td>
<td>20 MHz Pattern I/O Module Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103852-01</td>
<td>Repair/Cal Services</td>
<td>Terminating 20 MHz Pattern I/O Module Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103855-01</td>
<td>Repair/Cal Services</td>
<td>Synchro/Resolver Simulator and Indicator Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103897-01</td>
<td>Repair/Cal Services</td>
<td>Timing Pod Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103986-01</td>
<td>Repair/Cal Services</td>
<td>VXI Mainframe Command Module Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS92103987-01</td>
<td>Repair/Cal Services</td>
<td>VXI Mainframe Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000042-01</td>
<td>Repair/Cal Services</td>
<td>400 Hz Three-Phase Power Conditioner and Distribution Box Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000068-01</td>
<td>Repair/Cal Services</td>
<td>QUAD 8-Bit Digital Input/Output Latch Repair/Cal Services</td>
<td>114</td>
</tr>
</tbody>
</table>
### Index

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCS93000069-01</td>
<td>Repair/Cal Services</td>
<td>A/B to C-Size Module Carrier Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000074-01</td>
<td>Repair/Cal Services</td>
<td>64-Channel Relay Multiplexer Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000075-01</td>
<td>Repair/Cal Services</td>
<td>Relay Matrix Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000076-01</td>
<td>Repair/Cal Services</td>
<td>RF Multiplexer Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000077-01</td>
<td>Repair/Cal Services</td>
<td>6½-Digit Digital Multimeter Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000078-01</td>
<td>Repair/Cal Services</td>
<td>High-Performance Universal Counter Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000079-01</td>
<td>Repair/Cal Services</td>
<td>1-GSa/s Digitizing Oscilloscope Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000080-01</td>
<td>Repair/Cal Services</td>
<td>Arbitrary Function Generator Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000081-01</td>
<td>Repair/Cal Services</td>
<td>21 MHz Synthesized Function/Sweep Generator Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000151-01</td>
<td>Repair/Cal Services</td>
<td>Local Oscillator Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000152-01</td>
<td>Repair/Cal Services</td>
<td>IF Section (100 KHz to 3 MHz) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000153-01</td>
<td>Repair/Cal Services</td>
<td>Graphics Display Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000154-01</td>
<td>Repair/Cal Services</td>
<td>Digitizer Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000155-01</td>
<td>Repair/Cal Services</td>
<td>Power Meter Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000156-03</td>
<td>Repair/Cal Services</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000172-01</td>
<td>Repair/Cal Services</td>
<td>RF Section (100 Hz to 22 GHz) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000173-01</td>
<td>Repair/Cal Services</td>
<td>IF Section (10 Hz to 300 KHz) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000900-01</td>
<td>Repair/Cal Services</td>
<td>Preamplifier (56.5 GHz) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000901-01</td>
<td>Repair/Cal Services</td>
<td>System Mainframe Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000984-01</td>
<td>Repair/Cal Services</td>
<td>Digitizing Oscilloscope Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000993-01</td>
<td>Repair/Cal Services</td>
<td>Power Sensor Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000993-03</td>
<td>Repair/Cal Services</td>
<td>Power Sensor Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000506-01</td>
<td>Repair/Cal Services</td>
<td>32-Channel, 5 A, Form C Switch Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000550-30</td>
<td>Repair/Cal Services</td>
<td>Three-Phase AC Programmable Power Supply Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS93000550-50</td>
<td>Repair/Cal Services</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000104-10</td>
<td>Repair/Cal Services</td>
<td>RF Interface Unit (RFIU) Mainframe Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000063-10</td>
<td>Repair/Cal Services</td>
<td>RF Measurement #1 Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000064-10</td>
<td>Repair/Cal Services</td>
<td>RF Converter Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000065-10</td>
<td>Repair/Cal Services</td>
<td>RF Output Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000066-10</td>
<td>Repair/Cal Services</td>
<td>RF Controller (BRAT® 305/405) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000066-30</td>
<td>Repair/Cal Services</td>
<td>RF Controller (BRAT® 303/403) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000066-50</td>
<td>Repair/Cal Services</td>
<td>RF Controller (JTIDS) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000066-70</td>
<td>Repair/Cal Services</td>
<td>RF Controller (JSTARS) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000833-01</td>
<td>Repair/Cal Services</td>
<td>Frequency Extension Module Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000855-01</td>
<td>Repair/Cal Services</td>
<td>Microwave Signal Generator Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000887-01</td>
<td>Repair/Cal Services</td>
<td>DC Power Supply Frame Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000888-01</td>
<td>Repair/Cal Services</td>
<td>0 to 7 V Module for DC Power Supply Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000889-01</td>
<td>Repair/Cal Services</td>
<td>0 to 20 V Module for DC Power Supply Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000890-01</td>
<td>Repair/Cal Services</td>
<td>0 to 30 V Module for DC Power Supply Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000891-01</td>
<td>Repair/Cal Services</td>
<td>0 to 300 V Module for DC Power Supply Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94000982-01</td>
<td>Repair/Cal Services</td>
<td>Precision Frequency Reference with Internal Amplifier Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94100018-10</td>
<td>Repair/Cal Services</td>
<td>Modified Power Supply Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94100554-10</td>
<td>Repair/Cal Services</td>
<td>Phase Balance Module Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94100604-01</td>
<td>Repair/Cal Services</td>
<td>Frequency Counter Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94100671-10</td>
<td>Repair/Cal Services</td>
<td>Waveguide Pressurization Unit and Blower Assembly Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94100750-01</td>
<td>Repair/Cal Services</td>
<td>Power Distribution Unit Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94100751-01</td>
<td>Repair/Cal Services</td>
<td>Three-Phase Power Supply (Master) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94100752-01</td>
<td>Repair/Cal Services</td>
<td>Three-Phase Power Supply (Slave) Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94100766-10</td>
<td>Repair/Cal Services</td>
<td>Timing Generator Module Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94101013-10</td>
<td>Repair/Cal Services</td>
<td>Phase Noise Measurement System Reference Source Unit Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94101013-50</td>
<td>Repair/Cal Services</td>
<td>Phase Noise Measurement System Reference Source Unit with Option 02 Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94101130-01</td>
<td>Repair/Cal Services</td>
<td>Phase Noise Measurement System Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94101177-01</td>
<td>Repair/Cal Services</td>
<td>136-Channel Logic Analyzer Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS94101201-10</td>
<td>Repair/Cal Services</td>
<td>Logic Analyzer Case Assembly Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS95000018-03</td>
<td>Repair/Cal Services</td>
<td>Microwave Network Analyzer Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS95000019-03</td>
<td>Repair/Cal Services</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS95000045-01</td>
<td>Repair/Cal Services</td>
<td>0 to 160 V Module for DC Power Supply Repair/Cal Services</td>
<td>114</td>
</tr>
</tbody>
</table>
Index

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCS95000049-01</td>
<td>Repair/Cal Services</td>
<td>Synchro/Resolver Simulator and Indicator Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS950000340-01</td>
<td>Repair/Cal Services</td>
<td>Calibration Kit for the Microwave Network Analyzer Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS950000450-10</td>
<td>Repair/Cal Services</td>
<td>Auxiliary RF Signal Processor/Matrix Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS950000450-50</td>
<td>Repair/Cal Services</td>
<td>Auxiliary RF Signal Processor/Matrix Repair/Cal Services</td>
<td>114</td>
</tr>
<tr>
<td>RCS960000014-01</td>
<td>Repair/Cal Services</td>
<td>High Power Mainframe - 6 Slots Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96000014-03</td>
<td>Repair/Cal Services</td>
<td>High Power Mainframe - 13 Slots Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96000015-01</td>
<td>Repair/Cal Services</td>
<td>Current Sharing Power Supply Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96000015-03</td>
<td>Repair/Cal Services</td>
<td>AC Current Sharing Power Supply Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96000016-01</td>
<td>Repair/Cal Services</td>
<td>VXI-MXI-2 Kit Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96000017-01</td>
<td>Repair/Cal Services</td>
<td>VXI-MXI-2 Extender Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96000020-01</td>
<td>Repair/Cal Services</td>
<td>Programmable Electronic Load Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96000021-01</td>
<td>Repair/Cal Services</td>
<td>Programmable Load Power Supply Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96740107-01</td>
<td>Repair/Cal Services</td>
<td>Peak Power Meter Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96740110-03</td>
<td>Repair/Cal Services</td>
<td>Peak Power Meter Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96740109-03</td>
<td>Repair/Cal Services</td>
<td>Peak Power Sensor Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96740201-01</td>
<td>Repair/Cal Services</td>
<td>Frequency Synthesizer Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96740202-01</td>
<td>Repair/Cal Services</td>
<td>Power Amplifier Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96740203-10</td>
<td>Repair/Cal Services</td>
<td>L-Band Signal Conditioning Module Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96740021-01</td>
<td>Repair/Cal Services</td>
<td>Reference Generator Module Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96740021-01</td>
<td>Repair/Cal Services</td>
<td>CPSM Modulator/Demodulator Module Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RCS96715045-01</td>
<td>Repair/Cal Services</td>
<td>Blower Assembly Repair/Cal Services</td>
<td>115</td>
</tr>
<tr>
<td>RD-LRU-01-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-LRU-02-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-LRU-03-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-LRU-04-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-LRU-05-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-LRU-06-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-SRU-01-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-SRU-02-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-SRU-03-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - SRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-SRU-04-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-SRU-05-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RD-SRU-06-TPS</td>
<td>TPS</td>
<td>Rehost Digital TPS Development - SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-00-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-00-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-01-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-01-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-01-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-02-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-02-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-02-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-03-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-03-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-03-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-04-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-04-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-04-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-05-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-05-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-05-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-06-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-06-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-06-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-07-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-07-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-07-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-08-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-08-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>----------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>RF-LRU-08-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-09-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-09-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-09-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-10-ITA</td>
<td>ITA-LRU</td>
<td>RF TPS Development - LRU ITA - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-10-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-10-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-11-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-11-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-12-TPS</td>
<td>TPS</td>
<td>RF TPS Development - LRU - Complexity 12.0 to 12.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-LRU-12-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - LRU Minor - Complexity 12.0 to 12.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-00-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-00-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-01-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-01-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-01-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-02-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-02-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-02-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-03-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-03-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-03-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-04-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-04-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-04-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-05-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-05-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-05-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-06-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-06-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-06-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-07-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-07-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-07-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-08-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-08-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-08-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-09-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-09-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-09-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-10-ITA</td>
<td>ITA-SRU</td>
<td>RF TPS Development - SRU ITA - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-10-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-10-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-11-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-11-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 11.0 to 11.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-12-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 12.0 to 12.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-12-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 12.0 to 12.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-13-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 13.0 to 13.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-13-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 13.0 to 13.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-14-TPS</td>
<td>TPS</td>
<td>RF TPS Development - SRU - Complexity 14.0 to 14.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-SRU-14-TPSU</td>
<td>TPS</td>
<td>RF TPS Updates for TPS Obsolescence Mitigation - SRU Minor - Complexity 14.0 to 14.9</td>
<td>140</td>
</tr>
<tr>
<td>RF-1 ATS</td>
<td>Air Force Testers</td>
<td>RF-1 ATS Test System</td>
<td>66</td>
</tr>
<tr>
<td>RFR-LRU-01-ITA</td>
<td>ITA-Complex Rollup</td>
<td>RF Complex Rollup - LRU ITA - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RFR-LRU-02-ITA</td>
<td>ITA-Complex Rollup</td>
<td>RF Complex Rollup - LRU ITA - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RFR-LRU-03-ITA</td>
<td>ITA-Complex Rollup</td>
<td>RF Complex Rollup - LRU ITA - Complexity 3.0 to 3.9</td>
<td>70, 140</td>
</tr>
<tr>
<td>RFR-LRU-04-ITA</td>
<td>ITA-Complex Rollup</td>
<td>RF Complex Rollup - LRU ITA - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RFR-LRU-05-ITA</td>
<td>ITA-Complex Rollup</td>
<td>RF Complex Rollup - LRU ITA - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RFR-LRU-06-ITA</td>
<td>ITA-Complex Rollup</td>
<td>RF Complex Rollup - LRU ITA - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RF303 Systems</td>
<td>BRAT® RF303 RF Test System</td>
<td>RF303 RF Test System</td>
<td>19</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>RF303-10</td>
<td>Systems</td>
<td>BRAT® RF303 RF Test System with Options 04/05</td>
<td>19</td>
</tr>
<tr>
<td>RF305</td>
<td>Systems</td>
<td>BRAT® RF305 RF Test System</td>
<td>19</td>
</tr>
<tr>
<td>RF305B-10</td>
<td>Systems</td>
<td>BRAT® RF305 RF Test System with Options 04/05</td>
<td>19</td>
</tr>
<tr>
<td>RF305BJ</td>
<td>Systems</td>
<td>BRAT® RF305BJ RF Test System</td>
<td>21</td>
</tr>
<tr>
<td>RF307</td>
<td>Systems</td>
<td>BRAT® RF307 RF Test System</td>
<td>21</td>
</tr>
<tr>
<td>RF307BJ</td>
<td>Systems</td>
<td>BRAT® RF307BJ RF Test System</td>
<td>21</td>
</tr>
<tr>
<td>RF308</td>
<td>Systems</td>
<td>BRAT® RF308 RF Test System</td>
<td>21</td>
</tr>
<tr>
<td>RF405</td>
<td>Systems</td>
<td>Transportable BRAT® RF405 RF Test System</td>
<td>21</td>
</tr>
<tr>
<td>RF405BJ</td>
<td>Systems</td>
<td>Transportable BRAT® RF405BJ RF Test System</td>
<td>21</td>
</tr>
<tr>
<td>RF407</td>
<td>Systems</td>
<td>Transportable BRAT® RF407 RF Test System</td>
<td>21</td>
</tr>
<tr>
<td>RF407BJ</td>
<td>Systems</td>
<td>Transportable BRAT® RF407BJ RF Test System</td>
<td>21</td>
</tr>
<tr>
<td>RH-LRU-01-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-LRU-02-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-LRU-03-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-LRU-04-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-LRU-05-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-LRU-06-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-SRU-01-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-SRU-02-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-SRU-03-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - SRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-SRU-04-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RH-SRU-05-TPS</td>
<td>TPS</td>
<td>Rehost Analog/Digital Hybrid TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RKCH-LRU/TI-01</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - LRU/TI - Complexity 1.0 to 1.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-LRU/TI-02</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - LRU/TI - Complexity 2.0 to 2.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-LRU/TI-03</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - LRU/TI - Complexity 3.0 to 3.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-LRU/TI-04</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - LRU/TI - Complexity 4.0 to 4.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-LRU/TI-05</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - LRU/TI - Complexity 5.0 to 5.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-01</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - SRU - Complexity 1.0 to 1.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-02</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - SRU - Complexity 2.0 to 2.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-03</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - SRU - Complexity 3.0 to 3.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-04</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - SRU - Complexity 4.0 to 4.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-05</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Hybrid (Analog and Digital) - SRU - Complexity 5.0 to 5.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-LRU/TI-01</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - LRU/TI - Complexity 1.0 to 1.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-LRU/TI-02</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - LRU/TI - Complexity 2.0 to 2.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-LRU/TI-03</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - LRU/TI - Complexity 3.0 to 3.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-LRU/TI-04</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - LRU/TI - Complexity 4.0 to 4.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-LRU/TI-05</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - LRU/TI - Complexity 5.0 to 5.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-01</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - SRU - Complexity 1.0 to 1.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-02</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - SRU - Complexity 2.0 to 2.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-03</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - SRU - Complexity 3.0 to 3.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-04</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - SRU - Complexity 4.0 to 4.9</td>
<td>129</td>
</tr>
<tr>
<td>RKCH-SRU-05</td>
<td>Retrofit Kits</td>
<td>Complex Retrofit Kit - Microwave - SRU - Complexity 5.0 to 5.9</td>
<td>129</td>
</tr>
<tr>
<td>RK EXCKSEL</td>
<td>Install/Repairs/Kits</td>
<td>External Clock Select Board Retrofit Assembly Kit</td>
<td>128</td>
</tr>
<tr>
<td>RK LPADC</td>
<td>Install/Repairs/Kits</td>
<td>Low Power ADC Subsystem Retrofit Kit for Waveform Digitizers</td>
<td>128</td>
</tr>
<tr>
<td>RK MADM-LRU/TI-01</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - LRU/TI - Complexity 1.0 to 1.9</td>
<td>129</td>
</tr>
<tr>
<td>RK MADM-LRU/TI-02</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - LRU/TI - Complexity 2.0 to 2.9</td>
<td>129</td>
</tr>
<tr>
<td>RK MADM-LRU/TI-03</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - LRU/TI - Complexity 3.0 to 3.9</td>
<td>129</td>
</tr>
<tr>
<td>RK MADM-LRU/TI-04</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - LRU/TI - Complexity 4.0 to 4.9</td>
<td>129</td>
</tr>
<tr>
<td>RK MADM-LRU/TI-05</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - LRU/TI - Complexity 5.0 to 5.9</td>
<td>129</td>
</tr>
<tr>
<td>RK MADM-SRU-01</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - SRU - Complexity 1.0 to 1.9</td>
<td>129</td>
</tr>
<tr>
<td>RK MADM-SRU-02</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - SRU - Complexity 2.0 to 2.9</td>
<td>129</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>---------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>RKADM-SRU-03</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - SRU - Complexity 3.0 to 3.9</td>
<td>199</td>
</tr>
<tr>
<td>RKADM-SRU-04</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - SRU - Complexity 4.0 to 4.9</td>
<td>199</td>
</tr>
<tr>
<td>RKADM-SRU-05</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Analog, Digital, or Microwave - SRU - Complexity 5.0 to 5.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-LRU/TI-01</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - LRU/TI - Complexity 1.0 to 1.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-LRU/TI-02</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - LRU/TI - Complexity 2.0 to 2.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-LRU/TI-03</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - LRU/TI - Complexity 3.0 to 3.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-LRU/TI-04</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - LRU/TI - Complexity 4.0 to 4.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-LRU/TI-05</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - LRU/TI - Complexity 5.0 to 5.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-SRU-01</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - SRU - Complexity 1.0 to 1.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-SRU-02</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - SRU - Complexity 2.0 to 2.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-SRU-03</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - SRU - Complexity 3.0 to 3.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-SRU-04</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - SRU - Complexity 4.0 to 4.9</td>
<td>199</td>
</tr>
<tr>
<td>RKMH-SRU-05</td>
<td>Retrofit Kits</td>
<td>Mid-Complexity Retrofit Kit - Hybrid (Analog, Digital, Microwave - any combination) - SRU - Complexity 5.0 to 5.9</td>
<td>199</td>
</tr>
<tr>
<td>RKS-LRU/TI-01</td>
<td>Retrofit Kits</td>
<td>Simple Retrofit Kit - LRU/TI - Complexity 1.0 to 1.9</td>
<td>199</td>
</tr>
<tr>
<td>RKS-LRU/TI-02</td>
<td>Retrofit Kits</td>
<td>Simple Retrofit Kit - LRU/TI - Complexity 2.0 to 2.9</td>
<td>199</td>
</tr>
<tr>
<td>RKS-LRU/TI-03</td>
<td>Retrofit Kits</td>
<td>Simple Retrofit Kit - LRU/TI - Complexity 3.0 to 3.9</td>
<td>199</td>
</tr>
<tr>
<td>RKS-LRU/TI-04</td>
<td>Retrofit Kits</td>
<td>Simple Retrofit Kit - LRU/TI - Complexity 4.0 to 4.9</td>
<td>199</td>
</tr>
<tr>
<td>RKS-SRU-01</td>
<td>Retrofit Kits</td>
<td>Simple Retrofit Kit - SRU - Complexity 1.0 to 1.9</td>
<td>199</td>
</tr>
<tr>
<td>RKS-SRU-02</td>
<td>Retrofit Kits</td>
<td>Simple Retrofit Kit - SRU - Complexity 2.0 to 2.9</td>
<td>199</td>
</tr>
<tr>
<td>RKS-SRU-03</td>
<td>Retrofit Kits</td>
<td>Simple Retrofit Kit - SRU - Complexity 3.0 to 3.9</td>
<td>199</td>
</tr>
<tr>
<td>RKS-SRU-04</td>
<td>Retrofit Kits</td>
<td>Simple Retrofit Kit - SRU - Complexity 4.0 to 4.9</td>
<td>199</td>
</tr>
<tr>
<td>RKS-SRU-05</td>
<td>Retrofit Kits</td>
<td>Simple Retrofit Kit - SRU - Complexity 5.0 to 5.9</td>
<td>199</td>
</tr>
<tr>
<td>RPT-MINOR-00</td>
<td>Reports</td>
<td>Report (Minor) - Complexity 0.0 to 0.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MINOR-01</td>
<td>Reports</td>
<td>Report (Minor) - Complexity 1.0 to 1.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MINOR-02</td>
<td>Reports</td>
<td>Report (Minor) - Complexity 2.0 to 2.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MINOR-03</td>
<td>Reports</td>
<td>Report (Minor) - Complexity 3.0 to 3.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MINOR-04</td>
<td>Reports</td>
<td>Report (Minor) - Complexity 4.0 to 4.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MINOR-05</td>
<td>Reports</td>
<td>Report (Minor) - Complexity 5.0 to 5.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MAJOR-00</td>
<td>Reports</td>
<td>Report (Major) - Complexity 0.0 to 0.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MAJOR-01</td>
<td>Reports</td>
<td>Report (Major) - Complexity 1.0 to 1.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MAJOR-02</td>
<td>Reports</td>
<td>Report (Major) - Complexity 2.0 to 2.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MAJOR-03</td>
<td>Reports</td>
<td>Report (Major) - Complexity 3.0 to 3.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MAJOR-04</td>
<td>Reports</td>
<td>Report (Major) - Complexity 4.0 to 4.9</td>
<td>139</td>
</tr>
<tr>
<td>RPT-MAJOR-05</td>
<td>Reports</td>
<td>Report (Major) - Complexity 5.0 to 5.9</td>
<td>139</td>
</tr>
<tr>
<td>RRF-LRU-01-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-LRU-02-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-LRU-03-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-LRU-04-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-LRU-05-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-LRU-06-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-SRU-01-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-SRU-02-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-SRU-03-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-SRU-04-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>RRF-SRU-05-TPS</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (Phase Noise Instrument)</td>
<td>188</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------</td>
<td>---------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>RRF-SRU-04-TPS</td>
<td>TPS</td>
<td>Rehost RF TPS Development - SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>RRF-SRU-05-TPS</td>
<td>TPS</td>
<td>Rehost RF TPS Development - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>RRF-SRU-06-TPS</td>
<td>TPS</td>
<td>Rehost RF TPS Development - SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>RSAVS</td>
<td>Repair Services</td>
<td>Advanced Video System Board Assembly Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RSCOMP-01</td>
<td>Repair Services</td>
<td>Computer Repair Services - Complexity 1.0 (6 months repair turnaround)</td>
<td>111</td>
</tr>
<tr>
<td>RSCOMP-02</td>
<td>Repair Services</td>
<td>Computer Repair Services - Complexity 2.0 (7 months repair turnaround)</td>
<td>111</td>
</tr>
<tr>
<td>RSCOMP-03</td>
<td>Repair Services</td>
<td>Computer Repair Services - Complexity 3.0 (8 months repair turnaround)</td>
<td>111</td>
</tr>
<tr>
<td>RSCOMP-04</td>
<td>Repair Services</td>
<td>Computer Repair Services - Complexity 4.0 (9 months repair turnaround)</td>
<td>111</td>
</tr>
<tr>
<td>RSDAC</td>
<td>Repair Services</td>
<td>DAC/Utility Switch Board Assembly Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RSDSM-01</td>
<td>Repair Services</td>
<td>DSM Repair Services - Complexity 1.0 (6 months repair turnaround)</td>
<td>111</td>
</tr>
<tr>
<td>RSDSM-02</td>
<td>Repair Services</td>
<td>DSM Repair Services - Complexity 2.0 (7 months repair turnaround)</td>
<td>111</td>
</tr>
<tr>
<td>RSDSM-03</td>
<td>Repair Services</td>
<td>DSM Repair Services - Complexity 3.0 (8 months repair turnaround)</td>
<td>111</td>
</tr>
<tr>
<td>RSDSM-04</td>
<td>Repair Services</td>
<td>DSM Repair Services - Complexity 4.0 (9 months repair turnaround)</td>
<td>111</td>
</tr>
<tr>
<td>RSL9668-111-023-11</td>
<td>Repair Services</td>
<td>Replacement Filter Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-022-01</td>
<td>Repair Services</td>
<td>AC Input Relay Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-021-03</td>
<td>Repair Services</td>
<td>AC Input Relay Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-13</td>
<td>Repair Services</td>
<td>DC Output Relay Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-15</td>
<td>Repair Services</td>
<td>DC Output Relay Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-19</td>
<td>Repair Services</td>
<td>Quad DC Strain Gauge Card Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-20</td>
<td>Repair Services</td>
<td>Quad DC Strain Gauge Card Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-01</td>
<td>Repair Services</td>
<td>16-Channel Circuit Card Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-02</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-03</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-04</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-05</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-11</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-12</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-13</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-14</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-15</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-16</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-17</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-18</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-19</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-20</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-21</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-22</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-23</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-24</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-25</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-26</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-27</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-28</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-29</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-30</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-020-31</td>
<td>Repair Services</td>
<td>12 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>------------------------------</td>
<td>------------------</td>
<td>--------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>RSL9668-111-027-03</td>
<td>Repair Services</td>
<td>Metering Valve Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-028-01</td>
<td>Repair Services</td>
<td>Flowmeter Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-028-02</td>
<td>Repair Services</td>
<td>Flowmeter Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-028-03</td>
<td>Repair Services</td>
<td>Flow Signal Conditioner Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-030-01</td>
<td>Repair Services</td>
<td>Check Valve Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-030-02</td>
<td>Repair Services</td>
<td>Check Valve Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-030-03</td>
<td>Repair Services</td>
<td>Check Valve Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-030-04</td>
<td>Repair Services</td>
<td>Check Valve Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-031-01</td>
<td>Repair Services</td>
<td>Temperature Probe Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-032-01</td>
<td>Repair Services</td>
<td>Manual Shutoff Valve Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-033-11</td>
<td>Repair Services</td>
<td>Pushbutton Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-033-12</td>
<td>Repair Services</td>
<td>Illuminated Button Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-033-13</td>
<td>Repair Services</td>
<td>Lamp Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-036-01</td>
<td>Repair Services</td>
<td>24 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-037-01</td>
<td>Repair Services</td>
<td>45 Vdc Power Supply Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-039-01</td>
<td>Repair Services</td>
<td>Power Outlet Strip Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-041-01</td>
<td>Repair Services</td>
<td>Fuse (Qty. 8) Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-041-03</td>
<td>Repair Services</td>
<td>Fuse (Qty. 8) Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-043-01</td>
<td>Repair Services</td>
<td>Control Relay Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-053-01</td>
<td>Repair Services</td>
<td>Solenoid Valve Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-054-01</td>
<td>Repair Services</td>
<td>Filter Regulator Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-054-11</td>
<td>Repair Services</td>
<td>Filter Replacement Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-055-01</td>
<td>Repair Services</td>
<td>Hourmeter Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-057-01</td>
<td>Repair Services</td>
<td>Restrictor Orifice Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-057-02</td>
<td>Repair Services</td>
<td>Restrictor Orifice Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-057-03</td>
<td>Repair Services</td>
<td>Restrictor Orifice Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-057-04</td>
<td>Repair Services</td>
<td>Restrictor Orifice Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-058-01</td>
<td>Repair Services</td>
<td>Ullage Volume Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-060-01</td>
<td>Repair Services</td>
<td>Gauge Protector Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSL9668-111-061-01</td>
<td>Repair Services</td>
<td>Circuit Breaker Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RSPNC01</td>
<td>Repair Services</td>
<td>Phase Noise Calibrator Repair Services - Complexity 1.0</td>
<td>111</td>
</tr>
<tr>
<td>RSPNC02</td>
<td>Repair Services</td>
<td>Phase Noise Calibrator Repair Services - Complexity 2.0</td>
<td>111</td>
</tr>
<tr>
<td>RSPNC03</td>
<td>Repair Services</td>
<td>Phase Noise Calibrator Repair Services - Complexity 3.0</td>
<td>111</td>
</tr>
<tr>
<td>RSPNC04</td>
<td>Repair Services</td>
<td>Phase Noise Calibrator Repair Services - Complexity 4.0</td>
<td>111</td>
</tr>
<tr>
<td>RSPNC05</td>
<td>Repair Services</td>
<td>Phase Noise Calibrator Can Not Be Repaired - Complexity 5.0</td>
<td>111</td>
</tr>
<tr>
<td>RSVI</td>
<td>Repair Services</td>
<td>Virtual Instrument Board Assembly Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RSVIDGEN-502</td>
<td>Repair Services</td>
<td>VXI Programmable Video Generator Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RSVIDGEN-502 Option 5</td>
<td>Repair Services</td>
<td>Characterization Module Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RSVIDGEN-503</td>
<td>Repair Services</td>
<td>Enhanced VXI Programmable Video Generator and Analyzer Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R500087100-2-10</td>
<td>Repair Services</td>
<td>Valve Driver CCA Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R500071006-10</td>
<td>Repair Services</td>
<td>Actuator Driver CCA Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R502000136-01</td>
<td>Repair Services</td>
<td>RF Pulse Amplifier Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R502000259-01</td>
<td>Repair Services</td>
<td>Programmable DC Electronic Load Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R502000108-01</td>
<td>Repair Services</td>
<td>Air Data Test Set Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R502000806-10</td>
<td>Repair Services</td>
<td>Air Data Test Set Case Assembly Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R502000807-10</td>
<td>Repair Services</td>
<td>Compressor/Vacuum Pump Case Assembly Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5023030503-01</td>
<td>Repair Services</td>
<td>Controller Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5023030508-01</td>
<td>Repair Services</td>
<td>Combination HUD Fixture/Alignment Tool Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5023030509-01</td>
<td>Repair Services</td>
<td>Light Shroud Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5023030515-01</td>
<td>Repair Services</td>
<td>Boresight Bench Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5023030592-10</td>
<td>Repair Services</td>
<td>Transport/Camera Assembly Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5023030530-01</td>
<td>Repair Services</td>
<td>C-Size VXI Mainframe - 4 Slots Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R592103572-01</td>
<td>Repair Services</td>
<td>DC Power Supply #1 Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R592103572-05</td>
<td>Repair Services</td>
<td>DC Power Supply #2 Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R592103573-01</td>
<td>Repair Services</td>
<td>Single-Phase AC Programmable Power Supply Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5921033848-01</td>
<td>Repair Services</td>
<td>Pattern Pod Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5921033849-01</td>
<td>Repair Services</td>
<td>C-Size Mainframe with Command Module Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5921033850-01</td>
<td>Repair Services</td>
<td>160 MHz Timing I/O Module Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>R5921033851-01</td>
<td>Repair Services</td>
<td>20 MHz Pattern I/O Module Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>RS9103850-01</td>
<td>Repair Services</td>
<td>Terminating 20 MHz Pattern I/O Module Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9103855-01</td>
<td>Repair Services</td>
<td>Synchro/Resolver Simulator and Indicator Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9103858-03</td>
<td>Repair Services</td>
<td>Stimulus/Measurement Matrix Module Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9103860-03</td>
<td>Repair Services</td>
<td>6½-Digit High-Accuracy Multimeter Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9103863-01</td>
<td>Repair Services</td>
<td>Arbitrary Function Generator Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9103897-01</td>
<td>Repair Services</td>
<td>Timing Pod Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9103986-01</td>
<td>Repair Services</td>
<td>VXI Mainframe Command Module Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9103987-01</td>
<td>Repair Services</td>
<td>VXI Mainframe Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300042-01</td>
<td>Repair Services</td>
<td>400 Hz Three-Phase Power Conditioner and Distribution Box Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300068-01</td>
<td>Repair Services</td>
<td>QUAD 8-Bit Digital Input/Output Latch Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300069-01</td>
<td>Repair Services</td>
<td>A/B to C-Size Module Carrier Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300074-01</td>
<td>Repair Services</td>
<td>64-Channel Relay Multiplexer Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300075-01</td>
<td>Repair Services</td>
<td>Relay Matrix Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300076-01</td>
<td>Repair Services</td>
<td>RF Multiplexer Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300077-01</td>
<td>Repair Services</td>
<td>6½-Digit Digital Multimeter Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300078-01</td>
<td>Repair Services</td>
<td>High-Performance Universal Counter Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300079-01</td>
<td>Repair Services</td>
<td>1-GSa/s Digitizing Oscilloscope Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300080-01</td>
<td>Repair Services</td>
<td>Arbitrary Function Generator Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300081-01</td>
<td>Repair Services</td>
<td>21 MHz Synthesized Function/Sweep Generator Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300151-01</td>
<td>Repair Services</td>
<td>Local Oscillator Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300152-01</td>
<td>Repair Services</td>
<td>IF Section (100 KHz to 3 MHz) Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300153-01</td>
<td>Repair Services</td>
<td>Graphics Display Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300154-01</td>
<td>Repair Services</td>
<td>Digitizer Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300155-01</td>
<td>Repair Services</td>
<td>Power Meter Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300156-03</td>
<td>Repair Services</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300175-01</td>
<td>Repair Services</td>
<td>IF Section (100 Hz to 2 GHz) Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300173-01</td>
<td>Repair Services</td>
<td>IF Section (10 Hz to 300 KHz) Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300200-01</td>
<td>Repair Services</td>
<td>Preampifier (26.5 GHz) Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300302-01</td>
<td>Repair Services</td>
<td>Preampifier with Low End Frequency Option (100 KHz to 26.5 GHz) Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300301-01</td>
<td>Repair Services</td>
<td>System Mainframe Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300284-01</td>
<td>Repair Services</td>
<td>Digitizing Oscilloscope Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300293-01</td>
<td>Repair Services</td>
<td>Power Sensor Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300293-03</td>
<td>Repair Services</td>
<td>Power Sensor Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300499-01</td>
<td>Repair Services</td>
<td>Microwave Radiation Detector Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300506-01</td>
<td>Repair Services</td>
<td>32-Channel, 5 A, Form C Switch Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300550-30</td>
<td>Repair Services</td>
<td>Three-Phase AC Programmable Power Supply Repair Services</td>
<td>111</td>
</tr>
<tr>
<td>RS9300550-50</td>
<td>Repair Services</td>
<td>Three-Phase AC Programmable Power Supply with Power Factor Correction Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000104-10</td>
<td>Repair Services</td>
<td>RF Interface Unit (RFIU) Mainframe Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000603-10</td>
<td>Repair Services</td>
<td>RF Measurement #1 Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000604-10</td>
<td>Repair Services</td>
<td>RF Converter Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000605-10</td>
<td>Repair Services</td>
<td>RF Output Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000606-10</td>
<td>Repair Services</td>
<td>RF Controller (BRAT® 305/405) Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000606-30</td>
<td>Repair Services</td>
<td>RF Controller (BRAT® 303/403) Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000606-50</td>
<td>Repair Services</td>
<td>RF Controller (JTIDS) Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000606-70</td>
<td>Repair Services</td>
<td>RF Controller (JSTARS) Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000833-01</td>
<td>Repair Services</td>
<td>Frequency Extension Module Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000855-01</td>
<td>Repair Services</td>
<td>Microwave Signal Generator Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000887-01</td>
<td>Repair Services</td>
<td>DC Power Supply Frame Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000888-01</td>
<td>Repair Services</td>
<td>0 to 7 V Module for DC Power Supply Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000889-01</td>
<td>Repair Services</td>
<td>0 to 20 V Module for DC Power Supply Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000890-01</td>
<td>Repair Services</td>
<td>0 to 32 V Module for DC Power Supply Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000891-01</td>
<td>Repair Services</td>
<td>0 to 320 V Module for DC Power Supply Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94000892-01</td>
<td>Repair Services</td>
<td>Precision Frequency Reference with Internal Amplifier Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94100108-10</td>
<td>Repair Services</td>
<td>Modified Power Supply Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94100500-70</td>
<td>Repair Services</td>
<td>Electronic Power Control Center - RF Rack Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94100500-130</td>
<td>Repair Services</td>
<td>Electronic Power Control Center - Single Phase Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94100544-10</td>
<td>Repair Services</td>
<td>Phase Balance Module Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94100604-01</td>
<td>Repair Services</td>
<td>Frequency Counter Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS94100671-10</td>
<td>Repair Services</td>
<td>Waveguide Pressurization Unit and Blower Assembly Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>RS94100750-01</td>
<td>Repair Services</td>
<td>Power Distribution Unit Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS94100751-01</td>
<td>Repair Services</td>
<td>Three-Phase Power Supply (Master) Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS94100752-01</td>
<td>Repair Services</td>
<td>Three-Phase Power Supply (Slave) Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS94100766-10</td>
<td>Repair Services</td>
<td>Timing Generator Module Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS94101013-10</td>
<td>Repair Services</td>
<td>Phase Noise Measurement System Reference Source Unit Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS94101013-50</td>
<td>Repair Services</td>
<td>Phase Noise Measurement System Reference Source Unit with Option 02 Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS94101130-01</td>
<td>Repair Services</td>
<td>Phase Noise Measurement System Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS94101177-01</td>
<td>Repair Services</td>
<td>136-Channel Logic Analyzer Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS94101201-10</td>
<td>Repair Services</td>
<td>Logic Analyzer Case Assembly Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95000018-03</td>
<td>Repair Services</td>
<td>Microwave Network Analyzer Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95000019-03</td>
<td>Repair Services</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95000043-01</td>
<td>Repair Services</td>
<td>0 to 40 V Module for DC Power Supply Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95000045-01</td>
<td>Repair Services</td>
<td>0 to 160 V Module for DC Power Supply Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95000048-01</td>
<td>Repair Services</td>
<td>Synchro/Resolver Simulator and Indicator Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95000340-01</td>
<td>Repair Services</td>
<td>Calibration Kit for the Microwave Network Analyzer Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95000450-10</td>
<td>Repair Services</td>
<td>Auxiliary RF Signal Processor/Matrix Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95000450-50</td>
<td>Repair Services</td>
<td>Auxiliary RF Signal Processor/Matrix Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95050900-10</td>
<td>Repair Services</td>
<td>Driver Simulator Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505053-01</td>
<td>Repair Services</td>
<td>VXI Variable Gain Amplifier Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95050915-01</td>
<td>Repair Services</td>
<td>Stimulus MUX IAU CCA Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95050925-30</td>
<td>Repair Services</td>
<td>Stimulus MUX IAU CCA Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95050959-50</td>
<td>Repair Services</td>
<td>Stimulus MUX IAU CCA Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505132-03</td>
<td>Repair Services</td>
<td>Rack Mount Computer Assembly Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505132-05</td>
<td>Repair Services</td>
<td>Rack Mount Computer Assembly Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505132-30</td>
<td>Repair Services</td>
<td>Rack Mount Computer Assembly Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505132-50</td>
<td>Repair Services</td>
<td>Rack Mount Computer Assembly Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505134-10</td>
<td>Repair Services</td>
<td>Rack Mount Oscilloscope Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505138-30</td>
<td>Repair Services</td>
<td>Cable Tester Assembly Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505142-10</td>
<td>Repair Services</td>
<td>Three-Phase Power Distribution System Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505143-10</td>
<td>Repair Services</td>
<td>Single-Phase Power Distribution System Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9505153-10</td>
<td>Repair Services</td>
<td>Uninterruptible Power Supply Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95050582-03</td>
<td>Repair Services</td>
<td>Monitor Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95050701-01</td>
<td>Repair Services</td>
<td>Digital Oscilloscope Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95050702-01</td>
<td>Repair Services</td>
<td>Printer Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95050703-01</td>
<td>Repair Services</td>
<td>Monitor Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS95050705-01</td>
<td>Repair Services</td>
<td>Keyboard Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600001-01</td>
<td>Repair Services</td>
<td>50 MHz Digital Interface Timing Module Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS96000001-01</td>
<td>Repair Services</td>
<td>50 MHz-TTL/CMOS/ECL Pattern Module Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS96000007-01</td>
<td>Repair Services</td>
<td>50 MHz Variable Level Pattern Module Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS96000012-01</td>
<td>Repair Services</td>
<td>32-Channel Differential ECL I/O Module Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600013-01</td>
<td>Repair Services</td>
<td>Timing Module Extension Card (Dual) Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600013-03</td>
<td>Repair Services</td>
<td>Timing Module Extension Card (Single) Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600014-01</td>
<td>Repair Services</td>
<td>High Power Mainframe - 6 Slots Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600014-03</td>
<td>Repair Services</td>
<td>High Power Mainframe - 13 Slots Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600015-01</td>
<td>Repair Services</td>
<td>Current Sharing Power Supply Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600015-03</td>
<td>Repair Services</td>
<td>AC Current Sharing Power Supply Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600017-01</td>
<td>Repair Services</td>
<td>VXI-MXI-2 Kit Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600020-01</td>
<td>Repair Services</td>
<td>VXI-MXI-2 Extender Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600021-01</td>
<td>Repair Services</td>
<td>Programmable Electronic Load Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600021-01</td>
<td>Repair Services</td>
<td>1 KW Programmable Power Supply Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600021-05</td>
<td>Repair Services</td>
<td>0 to 500 Vac Power Supply Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS9600022-02</td>
<td>Repair Services</td>
<td>Programmable Load Power Supply Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS96000105-01</td>
<td>Repair Services</td>
<td>PCI-MXI-2 CCA Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS96648363-10</td>
<td>Repair Services</td>
<td>Input/Output Drawer Assembly Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS96648365-10</td>
<td>Repair Services</td>
<td>High Voltage Isolated Load Assembly Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS96648400-10</td>
<td>Repair Services</td>
<td>Low Voltage Isolated Load Assembly Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS96648498-10</td>
<td>Repair Services</td>
<td>Lamp Driver CCA Repair Services</td>
<td>119</td>
</tr>
<tr>
<td>RS96648730-10</td>
<td>Repair Services</td>
<td>Switching Regulator Enclosure Assembly Repair Services</td>
<td>119</td>
</tr>
</tbody>
</table>

Index
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Category</th>
<th>Description</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS96648818-10</td>
<td>Repair Services</td>
<td>Cathode Monitor Control CCA Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96648819-10</td>
<td>Repair Services</td>
<td>Cathode Monitor Relay Assembly Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96648834-10</td>
<td>Repair Services</td>
<td>Video Selector CCA Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96648840-10</td>
<td>Repair Services</td>
<td>Ground Deck Pulser CCA Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96648843-10</td>
<td>Repair Services</td>
<td>Clock Driver CCA Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96648846-10</td>
<td>Repair Services</td>
<td>Protection and Control CCA Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96648919-10</td>
<td>Repair Services</td>
<td>TIA Cable Set Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96648920-10</td>
<td>Repair Services</td>
<td>Frame Harness Assembly Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96740017-03</td>
<td>Repair Services</td>
<td>Peak Power Meter Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96740017-05</td>
<td>Repair Services</td>
<td>Peak Power Meter Repair Services</td>
<td>112</td>
</tr>
<tr>
<td>RS96740017-07</td>
<td>Repair Services</td>
<td>Dual-Channel Peak Power Meter Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS96740019-01</td>
<td>Repair Services</td>
<td>Peak Power Sensor Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS96740019-03</td>
<td>Repair Services</td>
<td>Peak Power Sensor Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS96740021-01</td>
<td>Repair Services</td>
<td>Frequency Synthesizer Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS96740022-01/03</td>
<td>Repair Services</td>
<td>Power Amplifier Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS96740023-03</td>
<td>Repair Services</td>
<td>Power Amplifier Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS96740045-10</td>
<td>Repair Services</td>
<td>L-Band Signal Conditioning Module Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS96740070-10</td>
<td>Repair Services</td>
<td>Reference Generator Module Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS96740103-10</td>
<td>Repair Services</td>
<td>CPSM Modulator/Demodulator Module Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS98000100-30</td>
<td>Repair Services</td>
<td>Programmable Video Generator and Analyzer Module (A-10) Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>RS98715045-01</td>
<td>Repair Services</td>
<td>Blower Assembly Repair Services</td>
<td>113</td>
</tr>
<tr>
<td>R001</td>
<td>Systems</td>
<td>Transportable BRAT® R001 Test System</td>
<td>27</td>
</tr>
<tr>
<td>R003</td>
<td>Systems</td>
<td>Transportable BRAT® R003 Test System</td>
<td>27</td>
</tr>
<tr>
<td>R005</td>
<td>Systems</td>
<td>Transportable BRAT® R005 Test System</td>
<td>28</td>
</tr>
<tr>
<td>R307/308</td>
<td>TPS Rehosting</td>
<td>TPS Rehosting (307/308)</td>
<td>128</td>
</tr>
<tr>
<td>R403C</td>
<td>Systems</td>
<td>Transportable BRAT® R403C Test System</td>
<td>29</td>
</tr>
<tr>
<td>R405B</td>
<td>Systems</td>
<td>Transportable BRAT® R405B Test System</td>
<td>28</td>
</tr>
<tr>
<td>R405BJ</td>
<td>Systems</td>
<td>Transportable BRAT® R405BJ Test System</td>
<td>30</td>
</tr>
<tr>
<td>R406</td>
<td>Systems</td>
<td>Transportable BRAT® R406 Test System</td>
<td>31</td>
</tr>
<tr>
<td>SA-602</td>
<td>Support Services</td>
<td>Senior Analyst</td>
<td>142</td>
</tr>
<tr>
<td>SE-503</td>
<td>Support Services</td>
<td>Software Engineer</td>
<td>142</td>
</tr>
<tr>
<td>SEC-1004</td>
<td>Support Services</td>
<td>Secretary</td>
<td>142</td>
</tr>
<tr>
<td>SEE-302</td>
<td>Support Services</td>
<td>Senior Electrical Engineer</td>
<td>142</td>
</tr>
<tr>
<td>SME-402</td>
<td>Support Services</td>
<td>Senior Mechanical Engineer</td>
<td>142</td>
</tr>
<tr>
<td>SP BETAteck9612D</td>
<td>Support</td>
<td>BETA Technical Support</td>
<td>128</td>
</tr>
<tr>
<td>SP BRATNET</td>
<td>Support</td>
<td>Installation and Logistics Support and Maintenance for BRATNet® and BLT</td>
<td>128</td>
</tr>
<tr>
<td>SP JTIDS</td>
<td>Support</td>
<td>BRAT® TPS Engineering Software Support - 1000 Hours</td>
<td>128</td>
</tr>
<tr>
<td>SP UPADC</td>
<td>Support</td>
<td>On-Site Engineering Support for ADC Retrofit Kit Verification - 5 Days</td>
<td>128</td>
</tr>
<tr>
<td>SPM-101</td>
<td>Support Services</td>
<td>Senior Program Manager</td>
<td>142</td>
</tr>
<tr>
<td>SPS-802</td>
<td>Support Services</td>
<td>Senior Publication Specialist</td>
<td>142</td>
</tr>
<tr>
<td>SP VIDEO</td>
<td>Support</td>
<td>Technical Support for Video Card - 10 Hours</td>
<td>128</td>
</tr>
<tr>
<td>SRE-202</td>
<td>Support Services</td>
<td>Senior Project Engineer</td>
<td>142</td>
</tr>
<tr>
<td>SSE-502</td>
<td>Support Services</td>
<td>Senior Software Engineer</td>
<td>142</td>
</tr>
<tr>
<td>ST-702</td>
<td>Support Services</td>
<td>Senior Technician</td>
<td>142</td>
</tr>
<tr>
<td>T-RF407BJ</td>
<td>Training/Maint</td>
<td>BRAT® RF407BJ (JTIDS BRAT®) Operation Training</td>
<td>139</td>
</tr>
<tr>
<td>T-401</td>
<td>Training/Maint</td>
<td>Theoretical RF Training Course</td>
<td>139</td>
</tr>
<tr>
<td>T-402</td>
<td>Training/Maint</td>
<td>TCASE® and TBASIC® Software Training</td>
<td>139</td>
</tr>
<tr>
<td>T-402A</td>
<td>Training/Maint</td>
<td>Intermediate TCASE® and TBASIC® Software Training (5 student minimum)</td>
<td>139</td>
</tr>
<tr>
<td>T-403</td>
<td>Training/Maint</td>
<td>On-the-Job BRAT® Training Course</td>
<td>139</td>
</tr>
<tr>
<td>T-404</td>
<td>Training/Maint</td>
<td>Practical TPS Development</td>
<td>139</td>
</tr>
<tr>
<td>T-405</td>
<td>Training/Maint</td>
<td>Operation and Maintenance Training</td>
<td>139</td>
</tr>
<tr>
<td>T-407</td>
<td>Training/Maint</td>
<td>BRAT® 407 Operation and Maintenance Training</td>
<td>139</td>
</tr>
<tr>
<td>T-703</td>
<td>Training/Maint</td>
<td>Technician</td>
<td>142</td>
</tr>
<tr>
<td>TBU-LRU-101</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - LRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>TBU-LRU-102</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - LRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>TBU-LRU-103</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - LRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>TBU-LRU-104</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - LRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>TBU-LRU-105</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - LRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>TBU-LRU-106</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - LRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>----------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>TBUSRU-101</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - SRU - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>TBUSRU-102</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - SRU - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>TBUSRU-103</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - SRU - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>TBUSRU-104</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - SRU - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>TBUSRU-105</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - SRU - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>TBUSRU-106</td>
<td>TPS</td>
<td>Upgrade TBASIC® to TBASIC® - SRU - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>TC941-AC</td>
<td>Transportable</td>
<td>Transportable A/C Case ........................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-ANAC</td>
<td>Transportable</td>
<td>Transportable Analog Case .......................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-CC</td>
<td>Transportable</td>
<td>Transportable Controller Case ................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-DC1</td>
<td>Transportable</td>
<td>Transportable D/C1 Case .........................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-DC2</td>
<td>Transportable</td>
<td>Transportable D/C2 Case .........................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-JTDS2</td>
<td>Transportable</td>
<td>Transportable JTIDS2 Case .......................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-JTDS3</td>
<td>Transportable</td>
<td>Transportable JTIDS3 Case .......................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-MWS1</td>
<td>Transportable</td>
<td>Transportable MWS1 Case .........................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-MWS2</td>
<td>Transportable</td>
<td>Transportable MWS2 Case .........................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-MWS3</td>
<td>Transportable</td>
<td>Transportable MWS3 Case .........................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-NET</td>
<td>Transportable</td>
<td>Transportable Network Analyzer Case ........................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-RFU</td>
<td>Transportable</td>
<td>Transportable RFU Case ...........................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-SYN3</td>
<td>Transportable</td>
<td>Transportable SYN3 Case ..........................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TC941-TDC</td>
<td>Transportable</td>
<td>Transportable Turret/Digital Case ................................................................</td>
<td>95</td>
</tr>
<tr>
<td>TDEC BRAT105</td>
<td>Tester Decommission</td>
<td>BRAT® 105 Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
<td>109</td>
</tr>
<tr>
<td>TDEC BRAT305B</td>
<td>Tester Decommission</td>
<td>BRAT® 305B Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
<td>109</td>
</tr>
<tr>
<td>TDEC BRAT405B</td>
<td>Tester Decommission</td>
<td>BRAT® 405B Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
<td>109</td>
</tr>
<tr>
<td>TDEC RF305</td>
<td>Tester Decommission</td>
<td>BRAT® 305 RF Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
<td>109</td>
</tr>
<tr>
<td>TDEC RF405</td>
<td>Tester Decommission</td>
<td>BRAT® 405 RF Tester Dismantling, Equipment Evaluation, Certification, Inventory, and Storage</td>
<td>109</td>
</tr>
<tr>
<td>TL-000</td>
<td>Sys Software Utilities</td>
<td>Software Utilities - Complexity 0.0 to 0.9 .............................................</td>
<td>105</td>
</tr>
<tr>
<td>TL-100</td>
<td>Sys Software Utilities</td>
<td>Software Utilities - Complexity 1.0 to 1.9 .............................................</td>
<td>105</td>
</tr>
<tr>
<td>TL-200</td>
<td>Sys Software Utilities</td>
<td>Software Utilities - Complexity 2.0 to 2.9 .............................................</td>
<td>105</td>
</tr>
<tr>
<td>TL-300</td>
<td>Sys Software Utilities</td>
<td>Software Utilities - Complexity 3.0 to 3.9 .............................................</td>
<td>105</td>
</tr>
<tr>
<td>TL-400</td>
<td>Sys Software Utilities</td>
<td>Software Utilities - Complexity 4.0 to 4.9 .............................................</td>
<td>105</td>
</tr>
<tr>
<td>TL-500</td>
<td>Sys Software Utilities</td>
<td>Software Utilities - Complexity 5.0 to 5.9 .............................................</td>
<td>105</td>
</tr>
<tr>
<td>TO-100</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 0.0 to 0.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-101</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 1.0 to 1.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-102</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 2.0 to 2.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-103</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 3.0 to 3.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-104</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 4.0 to 4.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-105</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 5.0 to 5.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-106</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 6.0 to 6.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-107</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 7.0 to 7.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-108</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 8.0 to 8.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-109</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 9.0 to 9.9 ...............................................</td>
<td>139</td>
</tr>
<tr>
<td>TO-110</td>
<td>Training/Maint</td>
<td>Technical Orders - Complexity 10.0 to 10.9 ............................................</td>
<td>139</td>
</tr>
<tr>
<td>TOR139</td>
<td>Calibrators</td>
<td>Digital Torque Calibrator .........................................................................</td>
<td>68</td>
</tr>
<tr>
<td>TRN-TPS-1</td>
<td>Training TPS/ITA</td>
<td>TPS and ITA Training Using the BRAT® - Complexity 1.0 to 1.9 ....................</td>
<td>138</td>
</tr>
<tr>
<td>TRN-TPS-2</td>
<td>Training TPS/ITA</td>
<td>TPS and ITA Training Using the BRAT® - Complexity 2.0 to 2.9 ....................</td>
<td>138</td>
</tr>
<tr>
<td>TRN-TPS-3</td>
<td>Training TPS/ITA</td>
<td>TPS and ITA Training Using the BRAT® - Complexity 3.0 to 3.9 ....................</td>
<td>138</td>
</tr>
<tr>
<td>TRN-TPS-4</td>
<td>Training TPS/ITA</td>
<td>TPS and ITA Training Using the BRAT® - Complexity 4.0 to 4.9 ....................</td>
<td>138</td>
</tr>
<tr>
<td>TRN-TPS-5</td>
<td>Training TPS/ITA</td>
<td>TPS and ITA Training Using the BRAT® - Complexity 5.0 to 5.9 ....................</td>
<td>138</td>
</tr>
<tr>
<td>TS-100</td>
<td>Technical Studies</td>
<td>Technical Studies - Complexity 0.0 to 0.9 .............................................</td>
<td>139</td>
</tr>
<tr>
<td>TS-101</td>
<td>Technical Studies</td>
<td>Technical Studies - Complexity 1.0 to 1.9 .............................................</td>
<td>139</td>
</tr>
<tr>
<td>TS-102</td>
<td>Technical Studies</td>
<td>Technical Studies - Complexity 2.0 to 2.9 .............................................</td>
<td>139</td>
</tr>
<tr>
<td>TS-103</td>
<td>Technical Studies</td>
<td>Technical Studies - Complexity 3.0 to 3.9 .............................................</td>
<td>139</td>
</tr>
<tr>
<td>TS-104</td>
<td>Technical Studies</td>
<td>Technical Studies - Complexity 4.0 to 4.9 .............................................</td>
<td>139</td>
</tr>
<tr>
<td>TS-105</td>
<td>Technical Studies</td>
<td>Technical Studies - Complexity 5.0 to 5.9 .............................................</td>
<td>139</td>
</tr>
<tr>
<td>TT-1005</td>
<td>Support Services</td>
<td>Technical Typist .......................................................................................</td>
<td>142</td>
</tr>
<tr>
<td>T500B</td>
<td>Systems</td>
<td>Transportable BRAT® RF Test System - Option B .........................................</td>
<td>68</td>
</tr>
<tr>
<td>T500BJ</td>
<td>Systems</td>
<td>Transportable BRAT® RF Test System - Option BJ .......................................</td>
<td>68</td>
</tr>
<tr>
<td>T500BP</td>
<td>Systems</td>
<td>Transportable BRAT® RF Test System - Option BP .......................................</td>
<td>68</td>
</tr>
<tr>
<td>V-RF305BJ</td>
<td>Training/Maint</td>
<td>BRAT® RF305BJ Operation Training ............................................................</td>
<td>139</td>
</tr>
<tr>
<td>Part Number</td>
<td>Category</td>
<td>Description</td>
<td>Page Number</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>V-RF307BJ</td>
<td>Training/Maint</td>
<td>BRAT® RF307BJ (JTIDS BRAT®) Operation Training</td>
<td>139</td>
</tr>
<tr>
<td>V-303C</td>
<td>Training/Maint</td>
<td>BRAT® 303C Operation and Maintenance Training</td>
<td>139</td>
</tr>
<tr>
<td>V-305B</td>
<td>Training/Maint</td>
<td>BRAT® 305B Operation and Maintenance Training</td>
<td>139</td>
</tr>
<tr>
<td>V-307</td>
<td>Training/Maint</td>
<td>BRAT® 307 Operation and Maintenance Training</td>
<td>139</td>
</tr>
<tr>
<td>V-511B</td>
<td>Training/Maint</td>
<td>BRAT® 511 Operation and Maintenance Training</td>
<td>139</td>
</tr>
<tr>
<td>V-520B</td>
<td>Training/Maint</td>
<td>BRAT® 520 Operation and Maintenance Training</td>
<td>139</td>
</tr>
<tr>
<td>VAR-00-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 0.0 to 0.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-01-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 1.0 to 1.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-02-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 2.0 to 2.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-03-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 3.0 to 3.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-04-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 4.0 to 4.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-05-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 5.0 to 5.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-06-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 6.0 to 6.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-07-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 7.0 to 7.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-08-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 8.0 to 8.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-09-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 9.0 to 9.9</td>
<td>140</td>
</tr>
<tr>
<td>VAR-10-TPS</td>
<td>TPS</td>
<td>Variant TPS Development - Complexity 10.0 to 10.9</td>
<td>140</td>
</tr>
<tr>
<td>VCITAE-101</td>
<td>V Comp ITA Enh</td>
<td>Very Complex ITA Enhancement - Complexity 1</td>
<td>140</td>
</tr>
<tr>
<td>VCITAE-102</td>
<td>V Comp ITA Enh</td>
<td>Very Complex ITA Enhancement - Complexity 2</td>
<td>140</td>
</tr>
<tr>
<td>VCITAE-103</td>
<td>V Comp ITA Enh</td>
<td>Very Complex ITA Enhancement - Complexity 3</td>
<td>140</td>
</tr>
<tr>
<td>VCITAE-104</td>
<td>V Comp ITA Enh</td>
<td>Very Complex ITA Enhancement - Complexity 4</td>
<td>140</td>
</tr>
<tr>
<td>VCITAE-105</td>
<td>V Comp ITA Enh</td>
<td>Very Complex ITA Enhancement - Complexity 5</td>
<td>140</td>
</tr>
<tr>
<td>VI</td>
<td>Auxiliary</td>
<td>Virtual Instrument Board Assembly</td>
<td>98</td>
</tr>
<tr>
<td>WCAL</td>
<td>Warranties</td>
<td>BRAT® Calibration of Calibration Instruments Warranty</td>
<td>63</td>
</tr>
<tr>
<td>WC506/42-2</td>
<td>Common Parts</td>
<td>Power Plug</td>
<td>93</td>
</tr>
<tr>
<td>WRF305BJ</td>
<td>Warranties</td>
<td>BRAT® 305BJ RF Test System - JTIDS Warranty</td>
<td>63</td>
</tr>
<tr>
<td>WRF307</td>
<td>Warranties</td>
<td>BRAT® 307 RF Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>WRF307BJ</td>
<td>Warranties</td>
<td>BRAT® 307BJ RF Test System - JTIDS Warranty</td>
<td>63</td>
</tr>
<tr>
<td>WRF407BJ</td>
<td>Warranties</td>
<td>BRAT® 407BJ RF Test System - JTIDS Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W107-C</td>
<td>Warranties</td>
<td>BRAT® 107-C Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W107B</td>
<td>Warranties</td>
<td>BRAT® 107B Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W185</td>
<td>Warranties</td>
<td>BRAT® 185 Stand-Alone TACAN Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W303C</td>
<td>Warranties</td>
<td>BRAT® 303C Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W303NC</td>
<td>Warranties</td>
<td>Phase Noise Calibrator (Enhanced BRAT® 303C) Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W305B</td>
<td>Warranties</td>
<td>BRAT® 305B Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W307-C</td>
<td>Warranties</td>
<td>BRAT® 307-C Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W307B</td>
<td>Warranties</td>
<td>BRAT® 307B Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W308B</td>
<td>Warranties</td>
<td>BRAT® 308B Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W309B</td>
<td>Warranties</td>
<td>BRAT® 309B Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W407B</td>
<td>Warranties</td>
<td>Transportable BRAT® 407B Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W408B</td>
<td>Warranties</td>
<td>Transportable BRAT® 408B Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W511B</td>
<td>Warranties</td>
<td>BRAT® 511 Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>W520B</td>
<td>Warranties</td>
<td>BRAT® 520 Test System Warranty</td>
<td>63</td>
</tr>
<tr>
<td>Z2002</td>
<td>Calibrators</td>
<td>Z2002 Signal Generator and Attenuator Test System</td>
<td>67</td>
</tr>
<tr>
<td>Z2002A-40</td>
<td>Calibrators</td>
<td>40 GHz Attenuator Test System</td>
<td>67</td>
</tr>
<tr>
<td>Z2002M20A</td>
<td>Calibrators</td>
<td>20 GHz Fixed and Manual Attenuator Test System</td>
<td>67</td>
</tr>
<tr>
<td>Z2002SG20</td>
<td>Calibrators</td>
<td>20 GHz Signal Generator Test System</td>
<td>67</td>
</tr>
<tr>
<td>Z2002SG26</td>
<td>Calibrators</td>
<td>26.5 GHz Signal Generator Test System</td>
<td>67</td>
</tr>
<tr>
<td>Z2002SG40</td>
<td>Calibrators</td>
<td>40 GHz Signal Generator Test System</td>
<td>67</td>
</tr>
<tr>
<td>Z2002S40</td>
<td>Calibrators</td>
<td>40 GHz Spectrum Analyzer Test System</td>
<td>67</td>
</tr>
</tbody>
</table>
Appendix A

ICSS Software License Agreement Terms and Conditions

This Software License Agreement is entered into by and between ICS Systems, Inc. ("ICSS") and the Government of the United States of America ("Licensee") effective as of the date that the Licensee purchases any software product on this GSA schedule.

Licensee has acquired the right to use one or more of the following: ICS TCASE Run-Time Software, ICS TCASE Development Software, a TCASE update or upgrade or other ICS software (collectively, the "Software"). This License Agreement governs any and all Software in use by the Licensee. The Software may be provided with user manuals and other materials provided by ICSS or Advanced Testing Technologies, Inc. ("ATTI") that describe one or more aspects of the Software (collectively, the "Documentation"). ATTI has provided or will provide to Licensee a USB device that is required to run the Software (the "Dongle"). The Licensee will use the Software at a U.S. Government facility (the "Designated Facility").

1. GRANT OF LICENSE

1.1 ICSS hereby grants to Licensee a single user license to use the Software in object code form only on one computer at one time. The Software must be used with the Dongle installed in the computer and may only be used at a Designated Facility. The Software must be used in accordance with Documentation. Licensee shall not make any Software available on any timesharing, service bureau, rental or similar basis. Licensee shall not disassemble, decompile, decrypt, extract or reverse engineer any Software (including, for example, monitoring the inputs and outputs of the Software in whole or in part for the purpose of understanding the operation of the Software), nor cause or permit anyone else to do so. The term "Software" includes both the object and source code versions, all executable files, drivers and utilities, and all updates, modifications or adaptations made to the Software by any person or party.

1.2 This license does not include the right to grant sublicenses or any right to the source code version of the Software. Licensee shall not modify or copy the Software, except that Licensee may make one copy for back-up purposes. The Software and Documentation are licensed with the express understanding of the Licensee that they are commercial computer software and commercial computer software documentation licensed subject to this License Agreement in accordance with DFARS 227.7202. Licensee shall reproduce the following legend on all back-up copies:

ICS Systems, Inc. All Rights Reserved. Use, duplication or disclosure by the U.S. Government of this Commercial Software is subject to restrictions as set forth in a License Agreement, in accordance with DFARS 227.7202. The manufacturer of this Commercial Software is ICS Systems, Inc., P.O. Box 12391, Hauppauge, New York 11788.

1.3 All Software and Documentation are and shall remain the exclusive property of ICSS, and are restricted by U.S. copyright laws and international treaty provisions. Licensee shall have no rights in the Software or Documentation, other than the license granted hereunder. ICSS reserves all rights with respect to the Software and Documentation under all applicable laws for the protection of proprietary information, including, but not limited to, trade secrets, copyrights, trademarks and patents.

1.4 Except as otherwise provided in this Agreement, Licensee shall not cause or permit copying, reproduction or disclosure of any portion of the Software or any Documentation, or the delivery or distribution of any part thereof to any third person or entity, for any purpose whatsoever, without the prior written permission of ICSS; provided, however, that Licensee may disclose Software and the Documentation to a contractor, company or consultant providing services for Licensee ("Contractor") for use at a Designated Facility in order to perform work for Licensee, provided Contractor agrees in writing to the terms and conditions of this Agreement and such written agreement is delivered to ICSS at least 30 days prior to access by the Contractor. Licensee may transfer its rights under this License on a permanent basis provided (a) Licensee transfers this License, the software and documentation and retains no copies, (b) the recipient agrees to the terms of this License Agreement, and (c) Licensee notifies ICSS in writing of the name, address and business activity of the transferee at least 30 days before the proposed transfer. ICSS shall have the right to prohibit a proposed transfer to a competitor of ICSS or on other reasonable grounds.

2. OBLIGATIONS OF ICSS

2.1 ICSS warrants that for a period of six (6) months after the date of this Agreement ("Warranty Period"), the Software will conform, in all material respects, to the Documentation. Any material deviation between the Software and the Documentation is referred to herein as an "Error." ICSS shall use commercially reasonable efforts to correct Errors at no charge to Licensee, provided that the Error is brought to ICSS’ attention, in writing, during the Warranty Period. Errors may be corrected by ICSS’ by providing to Licensee appropriate media containing corrected versions of the affected ICSS Software. ICSS does not warrant that the Software will operate uninterrupted or be error-free.

2.2 The warranty set forth in section 2.1 is the sole and exclusive warranty made by ICSS with respect to the software and the sole and exclusive remedy of licensee in the event the software fails to conform, in all material respects, to its documentation, and all other warranties, express or implied, including, without limitation, warranties of merchantability or fitness for a particular purpose, are hereby expressly disclaimed. In no event shall ICSS be liable for any incidental, special, consequential or exemplary damages, irrespective of whether ICSS has been informed of, knew of, or
Appendix A

ICSS Software License Agreement Terms and Conditions

should have known of the likelihood of such damages. ICSS' liability for any loss whatsoever, regardless of the cause, shall not exceed the license fees paid to ICSS for the use of the software.

2.3 ICSS will indemnify and hold Licensee harmless against any damages finally awarded against Licensee to the extent such damages are based on any claim that the Software, or any portion thereof, infringes a patent, trademark, copyright, trade secret or other proprietary right of a third party, provided that Licensee provides ICSS with timely written notice of the claim. In the event any Software is held to infringe, ICSS shall, at its option and sole expense, (a) obtain for Licensee a license to continue using the Software, (b) modify or replace the Software so that it is non-infringing, or (c) refund the license fees paid to ICSS for the Software, based on five (5) year straight line depreciation from the date of installation. ICSS shall have no obligation for any claim of infringement based, in whole or in part on Licensee's combination or use of the Software with software or equipment not furnished by ATTI or a modification to the Software made by Licensee. This Section states ICSS' exclusive responsibility and liability with respect to infringement claims arising out of Licensee's use of the Software.

3. COVENANTS AND OBLIGATIONS OF CONTRACTOR

3.1 Prior to access or use of the Software, Contractor shall deliver to ICSS, at P.O. Box 12391, Hauppauge, New York 11788, its written agreement to all covenants and obligations of the Licensee contained in this Agreement, including without limitations the restrictions on the use of the Software in Section 1. Further, Contractor agrees to the provisions in paragraph (c) of DFARS 252.227-7025. If Contractor desires rights to create or modify test program sets ("TPSs"), Contractor must license TCASE Development Software from ICSS before Contractor may use the Software to create or modify TPSs. Contractor may not, without written permission by ICSS, replace, modify, update, wrap or bypass through any means any of the Software in part or in whole.

3.2 Contractor shall defend, indemnify and hold ICSS and its subcontractors, affiliates from and third party vendors harmless from all losses, damages, costs, and expenses, and Contract shall pay ICSS' attorneys' fees and court costs to defend or pursue a claim, arising from or in connection with (a) the use of the Software in a manner not intended or prescribed in the Documentation or the misuse of the Software by Contractor, or (b) any breach of any representation or covenant of Contractor under this Agreement.

3.3 Any and all disputes between ICSS and Contractor shall be governed by, construed in accordance with and enforceable under the applicable Federal laws, rules and regulations and the State laws governing a commercial agreement between private contracting parties entered into and performed in the State of New York.

3.4 Contractor agrees that any breach of Article 1 by Contractor would irreparably harm ICSS and monetary damages would be inadequate compensation. Contractor agrees that ICSS will be entitled to injunctive relief without the obligation to post bond.

4. GENERAL PROVISIONS

4.1 This Agreement shall become effective on the effective date first set forth above and shall continue in full force and effect until terminated upon thirty (30) days written notice. Articles 2 and 3 shall survive termination and will remain binding after the termination of this Agreement.

4.2 Licensee may terminate this Agreement at any time with or without cause. ICSS may terminate this Agreement upon any breach of Article 1, if Licensee has been provided with notice and reasonable opportunity to cure said breach. Upon termination of this Agreement, Licensee shall promptly purge all copies of the Software from any computers and storage device and return to ICSS or destroy all originals and copies of the Documentation and back-up copies of the Software. At ICSS' request, Licensee shall certify that it has complied fully with its obligation under this Section.

4.3 This Agreement represents, constitutes and expresses the entire agreement between the parties with respect to the use of the Software and supersedes any previous oral or written communications, representations, understandings or agreements with respect thereto. If any provision of the Agreement is declared to be invalid, the parties agree that such invalidity shall not affect the validity of the remaining provisions of this Agreement, and further agree to substitute for the invalid provision a valid provision which approximates the intent and economic effect of the invalid provisions as closely as possible. This Agreement: (a) is subject to the Contract Disputes Act of 1978 and the Disputes clause of the Contract, if any; and (b) shall be governed by and construed in accordance with the laws and regulations governing contracts by the United States Government. Licensee shall abide by all laws, rules and regulations applicable to the Software, including all export controls laws and regulations.
Appendix B

Test Program Sets (TPS) - Terms and Conditions

TPS Development
Each grouping may consist of 15 levels of development ranging from Complexity 0 to Complexity 14, with level 14 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: RF TPS Development - LRU - Complexity 4.0 to 4.9

SRUs
1) Analog TPS Development
2) Digital TPS Development
3) Electro Optic TPS Development
4) Analog/Digital Hybrid TPS Development
5) RF TPS Development
6) Upgrade TBASIC® to TBASIC®
7) Rehost Analog TPS Development
8) Rehost Digital TPS Development
9) Rehost Analog/Digital Hybrid TPS Development
10) Rehost RF TPS Development

LRUs
1) Analog TPS Development
2) Digital TPS Development
3) Electro Optic TPS Development
4) Analog/Digital Hybrid TPS Development
5) RF TPS Development
6) Upgrade TBASIC® to TBASIC®
7) Rehost Analog TPS Development
8) Rehost Digital TPS Development
9) Rehost Analog/Digital Hybrid TPS Development
10) Rehost RF TPS Development

TPS Updates - Minor - SRUs
1) Analog TPS Updates for TPS Obsolescence Mitigation
2) Digital TPS Updates for TPS Obsolescence Mitigation
3) Electro Optic TPS Updates for TPS Obsolescence Mitigation
4) Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation
5) RF TPS Updates for TPS Obsolescence Mitigation

TPS Updates - Minor - LRUs
1) Analog TPS Updates for TPS Obsolescence Mitigation
2) Digital TPS Updates for TPS Obsolescence Mitigation
3) Electro Optic TPS Updates for TPS Obsolescence Mitigation
4) Analog/Digital Hybrid TPS Updates for TPS Obsolescence Mitigation
5) RF TPS Updates for TPS Obsolescence Mitigation

SRU ITAs
1) Analog TPS Development
2) Digital TPS Development
3) Electro Optic TPS Development
4) Analog/Digital Hybrid TPS Development
5) RF TPS Development

LRU ITAs
1) Analog TPS Development
2) Digital TPS Development
3) Electro Optic TPS Development
4) Analog/Digital Hybrid TPS Development
5) RF TPS Development

Complex Rollup ITAs
1) Digital Complex Rollup
2) Electro Optic Complex Rollup
3) Analog/Digital Hybrid Complex Rollup
4) RF Complex Rollup

Variant TPS Development
This group consists of 11 levels of development ranging from Complexity 0 to Complexity 10, with level 10 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: Variant TPS Development - Complexity 1.0 to 1.9

Very Complex ITA Enhancements
The Very Complex ITA Enhancements consist of five levels ranging from Complexity 1 to Complexity 5, with level 5 the most complex. Within each complexity, nine additional subcomplexity levels exist.
Example: Very Complex ITA Enhancement - Complexity 1.0 to 1.9

Holding Fixtures for LRU/SRU
Contact ATTI for a description of Complexity Levels.

92103985-10
CSU (Central Switching Unit) ITA Upgraded Cable Set

TPS Upgrades

TPS Rehosting

Microelectronics Simulation Analysis for TPS Development
Appendix B

Test Program Sets (TPS) - Terms and Conditions

**General**
Commercial price for TPS includes two (2) Program and Technical reviews and acceptance to be held at ATTI facility. Commercial price includes TPS installation and checkout at one designated Buyer's facility. Conus only, non-conus travel and per diem extra.

TPS Complexity is based upon the UUT technical evaluation using furnished data. Estimates of TPS Complexity and completion do not include reverse engineering of TPS requirements. The Buyer must provide complete technical data (Technical Order, Schematics, Test Procedures, Wire Lists, Parts Lists, and Test Requirements Document).

**Buyer Furnished Equipment and Data**
The Buyer shall provide two (2) UUTs of each configuration 60 days ARO for the duration of the contract.

The Buyer is responsible for UUT Maintenance and Repair.

The Buyer is responsible to provide UUT data consisting of Schematics, Wire Lists, Test Specifications, and Specification Control Drawings.

The Buyer shall provide the ATE system (BRAT® or Non-BRAT®) for TPS integration 60 days ARO for the duration of the program. Buyer must provide ATE Users Guide, Programming Manual, Specifications sufficient for TPS development.

Late delivery of Buyer Furnished Equipment and Data will impact cost and delivery. Cost impact will be an additional 4% of the overall TPS cost per month. Schedule delivery will be a month-for-month delay until delivery of the requested Buyer Furnished Equipment and Data is provided.

**TPS Acceptance Testing**
TPS Acceptance Testing shall be performed at ATTI facilities using ATTI commercial ATP.

Acceptance Testing consists of fault insertion and end-to-end testing. The Buyer shall select five (5) faults per UUT for the fault insertion part of the Acceptance Test.

**TPS Documentation**
TPS includes ITA Drawings (sufficient for ITA repair), and TPS Test Strategy Report.

Additional Buyer requested data such as Technical Manuals, Test Requirements Documents, Logistic Support Documentation is not included and must be separately priced.

**TPS Delivery**
The following delivery schedule applies:
- **Complexity 7 - on TPS**: up to 36 months
- **Complexity 4 - 6 TPS**: up to 24 months
- **Complexity 1 - 3 TPS**: up to 15 months

Contact ATTI for a description of Complexity Levels.

**Travel**
Additional charges for travel and per diem will be in accordance with the Joint Travel Regulations.

**Payment Terms**
Milestone Payment Schedule:
Equivalent to 90% of number of months which is calculated as follows:
Example: Period of performance is 24 months - payment schedule would be 1/24 per month of 90% of contract value.
Balance of 10%, which represents a holdback, would be payable upon sell-off.
Appendix C
BRAT Contractor Support - BRAT Tester All Inclusive Support & Repairs Terms & Conditions

Description
These Commercial items provide program management, logistics services, repair, calibration, maintenance, data tracking of BRAT equipment, and software support (software deficiency updates). Customer generated Trouble Reports (TRs) are used to initiate contractor maintenance actions. These Commercial items provide Program Services (described below) and individual BRAT Trouble Report (TR) equipment maintenance, repair, and/or calibration.

Period of Performance
This Commercial item provides the following services for a period of performance based upon the BRAT Tester Contractor Support item chosen (i.e., 3 months, 6 months, 12 months).

Program Services
ATTI will coordinate resources which will consist of repairs, calibration; maintenance scheduling, reporting, tracking, and status reports. Logistics Services consist of program and administrative efforts in support of equipment maintenance, repair, and calibration; and Trouble Reporting (TR) system status updates.

Customer Furnished Equipment (CFE) Management
The Customer will provide CFE in support of this contract. CFE will include BRAT testers, PATEC, and an instrument spares pool inventory. The CFE will consist of BRAT R405B, BRAT 405BJ, PATEC, and the rotatable spares pool stored as CFE at ATTI in New York. The CFE BRAT testers & PATEC will be used by ATTI to verify TR replacement and to perform calibration verification. The CFE spares pool inventory will be used to support repair and calibration TRs. Customer may add additional spares as it deems necessary.

ATTI will provide for the stocking, storing, and inventorying of CFE and/or Contractor Acquired Property (CAP). ATTI will maintain an inventory database of all Customer Furnished Equipment (CFE). The ATTI CFE Database System is maintained and updated with all the information and movement associated with each asset as it travels between ATTI, the vendors used for repairs and calibrations and the various Customer sites as required by ATTI’s Policies and Procedures.

Common Maintenance Activity System (CMAS), BRAT Edition
Under this Commercial item, the Customer will continue to provide ATTI access to the CMAS, BRAT Edition. For the maintenance and support of BRAT failed items, ATTI will use the ATTI TR Tracker in conjunction with the CMAS BRAT Edition trouble reporting system provided by the Customer.

All BRAT users from the different Customer sites will report product failures as Trouble Reports (TR) through CMAS. A TR is generated by BRAT users when equipment in the field fails and requires instrument repair, instrument calibration, and/or cable assembly replacement. ATTI will monitor the CMAS on a daily basis and use the ATTI TR Tracker System to track failed units from TR inception, through item repair, to TR closure.

The ATTI TR Tracker System will monitor events according to contract specifications including:
- Contract Information
- Routes: Shipping route for the item in the unique TR.
- Locations: Entry of the locations of the testers. This information must be provided to ATTI by the BRAT PMO.
- Models: Entry of the tester’s type.
- Stations/CLIN/ACRN: Entry of Stations part number; SN, Model, the group using the tester and the fund allocation with the CLIN and ACRN as provided for in the contract.
- Repair/Cal Prices: Entry of the prices by fiscal year.

REPAIR Trouble Report (TR)
The following procedure applies for Repair TRs:

Procedure
The procedure for the TR Process is a four (4) step process identified below:

1. The TR is Initiated and Posted by the BRAT Users in CMAS
   - For calibratable instruments the BRAT user is required to place two TRs, one for calibration and one for repair.
   - For non-calibratable instruments the BRAT user is required to place one TR for repair.
   - For cable assemblies the BRAT user is required to place one TR for replacement of each item.

2. The TR is placed “In Work” and Approved in CMAS
   - After BRAT user TR posting, the Customer C.O.R. (Contracting Officer Representative) is required to approve it by placing the TR “In Work”.
   - ATTI is automatically notified of a pending TR by a system generated email.
   - ATTI also tracks the CMAS on a daily basis for new TRs.

3. The TR is advanced to “Action Taken” in CMAS
   - The TR is advanced to the next process (Action Taken) upon receipt of a request for a replacement instrument or cable assembly.
   - The process to complete the repair is as follows:
     - The TR gets entered into the ATTI TR Tracker System.
     - A replacement unit is pulled from the Customer (CFE) spares and is tested according to the TR requirement:
       - Repaired/Replacement Instrument
       - Cable Assembly Replacement
     - The replacement instrument is shipped to the customer via a commercial shipper or to ATTI’s field offices and the item will be drop shipped by ATTI’s personnel. A print out of the Self Test results, along with shipping documentation (DD 1149) is included with the unit.
     - Cable assembly’s replacements will be shipped with shipping documentation (DD 1149).
Upon receipt of the item by Customer personnel, ATTI will advance the TR status in CMAS to “Action Taken” and update the TR System to internally closed status. An e-mail is automatically generated upon Customer signature receipt.

Upon delivery or receipt of the replacement unit, the customer will either ship the defective unit or give it directly to the field ATTI personnel. In turn, ATTI will ship the defective unit to the OEM for repair.

All of the actions taken on every single TR are tracked in the ATTI TR Tracker System.

4. The TR is Closed in CMAS
- Upon receipt of the item by the customer and the Action Taken is updated by ATTI, the TR is closed by the Customer C.O.R. It is required that the TR is closed within seven (7) days.
- ATTI is notified by an automatically generated email.
- ATTI updates the ATTI TR Tracker System with the Customer closed date.
- Once the TR is Customer Closed, ATTI accounting personnel is notified by email.
- The TR is then invoiced.
- The TR will be considered satisfied with the self test print out for the replacement part.

A Repair TR will be considered satisfied with the delivery of a successful self test print out for the replacement instrument. The applicable TR will be closed.

Repair Items
Appendix C-1, Full Service Repair Services list details the Repair items by description and Commercial part number covered by this Commercial service. Appendix C-3, Full Service Cable Assemblies list details the BRAT Cable Assemblies & miscellaneous BRAT System Assemblies by description and Commercial part number covered by this Commercial service. If the repair item or the cable assembly is not listed, it is not included.

CALIBRATION Trouble Report (TR)
Each Instrument Calibration requires a Customer generated TR. All calibrated instruments require a Calibration TR to be submitted with each Repair TR submitted.

The following procedure applies for Calibration TRs:

Procedure
The procedure for the BRAT instrument Calibration TR Process is a four (4) step process identified below:

1. The TR is Initiated and Posted by the BRAT Users in CMAS
   - Instruments requiring Repair which are also calibration items require two (2) TRs. The BRAT user is required to submit one Calibration TR and one Repair TR.

2. The TR is placed “In Work” and Approved in CMAS
   - After BRAT user TR posting, the Customer C.O.R. (Contracting Officer Representative) is required to approve it by placing the TR “In Work”.
   - ATTI is automatically notified of a pending TR by a system generated email.
   - ATTI also tracks the CMAS on a daily basis for new TRs.

3. The TR is advanced to “Action Taken” in CMAS
   - The TR is advanced to the next process (Action Taken) upon receipt of a request for replacement calibrated instrument. The process to complete the calibration is as follows:
   - The TR gets entered into the ATTI TR Tracker System.
   - An instrument is pulled from the Customer (CFE) spares and is tested according to the TR requirement:
     - Calibration (PATEC)
   - The replacement calibrated instrument is shipped to the customer via a commercial shipper or to ATTI’s field offices and the item will be drop shipped by ATTI’s personnel. A print out of the Calibration results along with shipping documentation (DD 1149) is included with the unit.
   - Upon receipt of the item by Customer personnel, ATTI will advance the TR status in CMAS to “Action Taken” and update the TR System to internally closed status. An e-mail is automatically generated upon Customer signature receipt.
   - ATTI accounting personnel is notified by email.
   - ATTI will ship the defective unit to the OEM.
   - All of the actions taken on every single TR is tracked in the ATTI TR Tracker System.

4. The TR is Closed in CMAS
   - Upon receipt of the item by the customer and the Action Taken is updated by ATTI, the TR is closed by the Customer C.O.R. It is required that the TR is closed within seven (7) days.
   - ATTI is notified by an automatically generated email.
   - ATTI updates the ATTI TR Tracker System with the Customer closed date.
   - Once the TR is Customer Closed, ATTI accounting personnel is notified by email.
   - The TR is then invoiced.
   - The TR will be considered satisfied with the Calibration test print out for the replacement instrument.

C2
Appendix C

BRAT Contractor Support - BRAT Tester All Inclusive Support & Repairs Terms & Conditions

A Calibration TR will be considered satisfied with the delivery of a successful calibration print out for the replacement instrument. The applicable TR will be closed.

Calibration Items
Appendix C-2, Full Service Calibration list details the BRAT instruments by instrument description and Commercial part number covered by this Commercial service. If the calibration item is not listed, it is not included.

Installation Failure
In cases where a replacement item fails upon installation, the user will generate a new TR.

Items Beyond Repair
Equipment may be deemed unrepairable or beyond repair due to information obtained from and provided to ATTI by the OEM. Commercial documentation supporting the non-repairability and/or non-supportability of an item will be provided to the BRAT PMO. The Customer will provide instructions for the non-repairable item.

Turn Around Time (TAT)
ATTI will ensure all TRs are completed and/or resolved within 15 working days from the date the TR is approved for contractor action. If ATTI is unable to resolve the failure within 15 working days, ATTI will provide the Customer an explanation of the problem with an estimated repair date. TAT commences on the TR approval date in CMAS and is concluded by delivery to Customer custody.

SOFTWARE
(Applicable only to BRAT Tester Contractor Support - All Inclusive)

Scope – Software Updates
This Commercial item provides BRAT software updates necessary to support operational use of the BRAT. The software updates will be provided in support of potential BRAT software problems (software problem reports) or deficiencies (software deficiency reports). The updates will consist of BRAT commercial software, as well as, updates to Customer owned software, and will be limited to existing TPS’ and existing hardware. All proposed software changes will be approved by the Customer. Deliverables will be provided as new CPINs.

The following table identifies the ATTI COTS software and Customer owned software included in this Commercial item:

<table>
<thead>
<tr>
<th>ATTi Commercial Software</th>
<th>CPIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noun</td>
<td>CPIN</td>
</tr>
<tr>
<td>S/W Development System</td>
<td>85T BRAT/SOFTWAREDEVELOPMENT-S001-00A</td>
</tr>
<tr>
<td>BRAT General Purpose ATS</td>
<td>85T-BRAT/WINXGENPUR/ATS-F001-00A</td>
</tr>
<tr>
<td>BRAT Self-Test</td>
<td>85T-BRAT/SELITTEST-S001-00A</td>
</tr>
</tbody>
</table>

ATTI commercial (COTS) software is subject to applicable ATTI license agreements and will be provided as runtime software only (does not include source code).

<table>
<thead>
<tr>
<th>Customer Owned Software</th>
<th>CPIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noun</td>
<td>CPIN</td>
</tr>
<tr>
<td>Calibration TPS</td>
<td>85T-BRAT/CALIBRATION-S001-00A/D</td>
</tr>
<tr>
<td>BRAT Alignment TPS</td>
<td>85T-BRAT/ALIGNMENT-S001-00A/D</td>
</tr>
<tr>
<td>Customer owned BRAT TPS</td>
<td></td>
</tr>
</tbody>
</table>

Updates to Customer software will be provided with unlimited rights.

Software Deficiency Report (SDR) Identification and Submission
ATTI will perform software investigation of reported potential software deficiencies of BRAT COTS software and Customer owned software. Software deficiency reports (SDRs) requiring investigation may be submitted by the Customer or ATTI. SDRs will be limited to existing TPS’ and hardware. The BRAT Program Office (BPO) will provide work authorization for all new SDRs and will filter and prioritize SDR investigation prior to ATTI investigation and resolution. ATTI will determine the root cause of the SDR(s) and provide recommended solution(s). ATTI will perform investigation, perform testing, and provide a resolution. The Customer will provide technical data pertinent to the SDR(s) to the maximum extent possible. There may be situations where additional data gathering will be required by the contractor in order to adequately determine the root cause of the SDR and to develop a solution. The potential need for this additional data gathering by ATTI will be dictated by the level of detail required by the contractor to resolve the SDR.

Integration and Testing
ATTI will conduct integration and testing of the proposed software changes, iteratively evaluate the test results, perform quality audit of the software, and provide a new CPIN when software updates are needed. In cases where a software update is not required, a report will be provided to the Customer detailing the cause of the SDR and a recommended resolution. Integration and testing will be performed using necessary hardware, software, and documentation.
BRAT COTS Software
Applicable BRAT COTS software includes instrument drivers, test executive and self-test. Updates to the BRAT COTS software are to be integrated, tested, and verified on a configured BRAT tester. Software updates will be provided as runtime software (CPIN) only and does not include source code.

Customer Owned Software
1. BRAT Calibration and Alignment Software - Updates to the BRAT Calibration and Alignment Software will be performed using the configured BRAT tester, PATEC, and the existing Calibration and Alignment CPIN software. The Customer must provide ATTI the latest approved CPIN software and ITA hardware when requested by ATTI. Software updates will be provided as a revised CPIN including source and executable code (CPIN - 00A/D). Documentation updates will be limited to T.O. red-lined changes, if required.

2. UUT TPS on the BRAT - Applicable BRAT UUT TPS' consist of existing approved LRU or SRU CPINs. Integration testing will be performed using a configured BRAT system capable of supporting the UUT TPS. The Customer must provide ATTI the latest approved CPIN software, a functional UUT, and ITA hardware when requested by ATTI. Software updates will be provided as a revised CPIN including source and executable code (CPIN - 00A/D). Documentation updates will be limited to T.O. red-lined changes, if required.

Acceptance Test
ATTI will conduct acceptance testing in accordance with an Acceptance Test Procedure (ATP), which will provide for performance testing and verification. The ATP will provide pass/fail criteria for the acceptance testing. The tests will be conducted at the ATTI’s facility, Hauppauge, New York. A final Acceptance Test Report summarizing the results of the acceptance testing will be submitted and will constitute finalization of the item.
<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSR02000136-01</td>
<td>RF Pulse Amplifier Full Service Repair Services</td>
<td>FSR93000069-01</td>
<td>A/B to C-Size Module Carrier Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000259-01</td>
<td>Programmable DC Electronic Load Full Service Repair Services</td>
<td>FSR93000074-01</td>
<td>64-Channel Relay Multiplexer Full Service Repair Services</td>
</tr>
<tr>
<td>FSR0200108-01</td>
<td>Air Data Test Set Full Service Repair Services</td>
<td>FSR93000075-01</td>
<td>Relay Matrix Full Service Repair Services</td>
</tr>
<tr>
<td>FSR0200132-10</td>
<td>Vacuum Pump (Modified) Full Service Repair Services</td>
<td>FSR93000076-01</td>
<td>RF Multiplexer Full Service Repair Services</td>
</tr>
<tr>
<td>FSR0200132-30</td>
<td>Vacuum Pump (Modified) Full Service Repair Services</td>
<td>FSR93000077-01</td>
<td>6½-Digit Digital Multimeter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR0200132-50</td>
<td>Compressor (Modified) Full Service Repair Services</td>
<td>FSR93000078-01</td>
<td>High-Performance Universal Counter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000906-10</td>
<td>Air Data Test Set Case Assembly Full Service Repair Services</td>
<td>FSR93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02000907-10</td>
<td>Compressor/Vacuum Pump Case Assembly Full Service Repair Services</td>
<td>FSR93000080-01</td>
<td>Arbitrary Function Generator Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02300503-01</td>
<td>Controller Full Service Repair Services</td>
<td>FSR93000081-01</td>
<td>21 MHz Synthesized Function/Sweep Generator Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02300508-01</td>
<td>Combination HUD Fixture/Alignment Tool Full Service Repair Services</td>
<td>FSR93000151-01</td>
<td>Local Oscillator Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02300590-01</td>
<td>Light Shroud Full Service Repair Services</td>
<td>FSR93000152-01</td>
<td>IF Section (100 KHz to 3 MHz) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02300515-01</td>
<td>Bore sight Bench Full Service Repair Services</td>
<td>FSR93000153-01</td>
<td>Graphics Display Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02300592-10</td>
<td>Transport/Camera Assembly Full Service Repair Services</td>
<td>FSR93000154-01</td>
<td>Digitizer Full Service Repair Services</td>
</tr>
<tr>
<td>FSR02300530-01</td>
<td>C-Size VXI Mainframe - 4 Slots Full Service Repair Services</td>
<td>FSR93000155-01</td>
<td>Power Meter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR07040313-10</td>
<td>RF Controller (RF Deck) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service Repair Services</td>
<td>FSR93000156-03</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Full Service Repair Services</td>
</tr>
<tr>
<td>FSR07040317-10</td>
<td>Phase Noise Measurement Module (Enhanced) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service Repair Services</td>
<td>FSR93000172-01</td>
<td>RF Section (100 Hz to 22 GHz) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR93000069-01</td>
<td>Single-Phase AC Programmable Power Supply Full Service Repair Services</td>
<td>FSR93000173-01</td>
<td>IF Section (10 Hz to 300 KHz) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR93000074-01</td>
<td>System Mainframe Full Service Repair Services</td>
<td>FSR93000200-01</td>
<td>Preamplifier (26.5 GHz) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR93000284-01</td>
<td>Digitizing Oscilloscope Full Service Repair Services</td>
<td>FSR93000287-01</td>
<td>Power Sensor Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103573-01</td>
<td>Pattern Pod Full Service Repair Services</td>
<td>FSR93000293-01</td>
<td>RF Sensor Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103848-01</td>
<td>160 MHz Timing I/O Module Full Service Repair Services</td>
<td>FSR93000293-03</td>
<td>32-Channel, 5 A, Form C Switch Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103850-01</td>
<td>20 MHz Pattern I/O Module Full Service Repair Services</td>
<td>FSR93000506-01</td>
<td>Three-Phase AC Programmable Power Supply Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103851-01</td>
<td>Terminating 90 MHz Pattern I/O Module Full Service Repair Services</td>
<td>FSR93000550-30</td>
<td>RF Interface Unit (RFIU) Mainframe Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103852-01</td>
<td>Synchro/Resolver Simulator and Indicator Full Service Repair Services</td>
<td>FSR94000104-10</td>
<td>RF Measurement #1 Mainframe Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103855-01</td>
<td>300 Hz Three-Phase Power Conditioner and Distribution Box Full Service Repair Services</td>
<td>FSR94000114-10</td>
<td>RF Measurement #1 Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103987-01</td>
<td>VXI Mainframe Command Module Full Service Repair Services</td>
<td>FSR94000206-10</td>
<td>RF Converter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR92103986-01</td>
<td>VXI Mainframe Full Service Repair Services</td>
<td>FSR94000208-10</td>
<td>RF Output Full Service Repair Services</td>
</tr>
<tr>
<td>FSR93000068-01</td>
<td>QUAD B- Bit Digital Input/Output Latch Full Service Repair Services</td>
<td>FSR94000209-10</td>
<td>RF Controller (BRAT 305/405) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR93000077-01</td>
<td>High-Performance Universal Counter Full Service Repair Services</td>
<td>FSR94000606-50</td>
<td>RF Controller (JTIDS) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR93000066-01</td>
<td>1-GSa/s Digitizing Oscilloscope Full Service Repair Services</td>
<td>FSR94000606-70</td>
<td>RF Controller (JSTARS) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR93000067-01</td>
<td>Frequency Extension Module Full Service Repair Services</td>
<td>FSR94000833-01</td>
<td>Frequency Extension Module Full Service Repair Services</td>
</tr>
</tbody>
</table>
## BRAT Contractor Support - Full Service Repair Services

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSR94000855-01</td>
<td>Microwave Signal Generator Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94000887-01</td>
<td>DC Power Supply Frame Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94000888-01</td>
<td>0 to 7 V Module for DC Power Supply Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94000889-01</td>
<td>0 to 20 V Module for DC Power Supply Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94000890-01</td>
<td>0 to 32 V Module for DC Power Supply Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94000891-01</td>
<td>0 to 330 V Module for DC Power Supply Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94000982-01</td>
<td>Precision Frequency Reference with Internal Amplifier Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94100500-130</td>
<td>Electronic Power Control Center - Single Phase Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94100554-10</td>
<td>Phase Balance Module Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94100604-01</td>
<td>Frequency Counter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94100750-01</td>
<td>Power Distribution Unit Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94100751-01</td>
<td>Three-Phase Power Supply (Master) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94100752-01</td>
<td>Three-Phase Power Supply (Slave) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94100766-10</td>
<td>Timing Generator Module Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94101013-50</td>
<td>Phase Noise Measurement System Reference Source Unit Full Service Repair Services</td>
</tr>
<tr>
<td>FSR94101130-01</td>
<td>Phase Noise Measurement System Full Service Repair Services</td>
</tr>
<tr>
<td>FSR95000018-03</td>
<td>Microwave Network Analyzer Full Service Repair Services</td>
</tr>
<tr>
<td>FSR95000019-03</td>
<td>MIL-STD-1553A/B Bus Analyzer Simulator Full Service Repair Services</td>
</tr>
<tr>
<td>FSR95000045-01</td>
<td>0 to 160 V Module for DC Power Supply Full Service Repair Services</td>
</tr>
<tr>
<td>FSR95000047-01</td>
<td>Synchronizer/Resolver Simulator and Indicator Full Service Repair Services</td>
</tr>
<tr>
<td>FSR95000340-01</td>
<td>Microwave Network Analyzer Calibration Kit Full Service Repair Services</td>
</tr>
<tr>
<td>FSR95000450-10</td>
<td>Auxiliary RF Signal Processor/Matrix Full Service Repair Services</td>
</tr>
<tr>
<td>FSR95000450-50</td>
<td>Auxiliary RF Signal Processor/Matrix Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96000001-01</td>
<td>50 MHz Digital Interface Timing Module Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96000003-01</td>
<td>50 MHz Timing/Control Module Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96000007-01</td>
<td>50 MHz Variable Level Pattern Module Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96000012-01</td>
<td>32-Channel Differential ECL I/O Module Full Service Repair Services</td>
</tr>
<tr>
<td>FSR9600013-01</td>
<td>Timing Module Extension Card (Dual) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR9600013-03</td>
<td>Timing Module Extension Card (Single) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR9600014-01</td>
<td>High Power Mainframe - 6 Slots Full Service Repair Services</td>
</tr>
<tr>
<td>FSR9600014-03</td>
<td>High Power Mainframe - 13 Slots Full Service Repair Services</td>
</tr>
<tr>
<td>FSR9600015-01</td>
<td>Current Sharing Power Supply Full Service Repair Services</td>
</tr>
<tr>
<td>FSR9600016-01</td>
<td>VXI-MXI-2 Kit Full Service Repair Services</td>
</tr>
<tr>
<td>FSR9600017-01</td>
<td>VXI-MXI-2 Extender Full Service Repair Services</td>
</tr>
<tr>
<td>FSR9600020-01</td>
<td>Programmable Electronic Load Full Service Repair Services</td>
</tr>
<tr>
<td>FSR9600021-01</td>
<td>1 KW Programmable Power Supply Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96000105-01</td>
<td>PCI-MXI-2 CCA Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96740017-01</td>
<td>Peak Power Meter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96740017-03</td>
<td>Peak Power Meter Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96740019-01</td>
<td>Peak Power Sensor Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96740019-03</td>
<td>Peak Power Sensor Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96740021-01</td>
<td>Frequency Synthesizer Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96740022-03</td>
<td>Power Amplifier Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96740045-10</td>
<td>L-Band Signal Conditioning Module Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96740070-10</td>
<td>Reference Generator Module Full Service Repair Services</td>
</tr>
<tr>
<td>FSR96740103-01</td>
<td>CPSM Modulator/Demodulator Module Full Service Repair Services</td>
</tr>
<tr>
<td>FSR98000100-30</td>
<td>Programmable Video Generator and Analyzer Module (A-10) Full Service Repair Services</td>
</tr>
<tr>
<td>FSR98715045-01</td>
<td>Blower Assembly Full Service Repair Services</td>
</tr>
</tbody>
</table>
### BRAT Contractor Support - Full Service Calibration

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSC02000259-01</td>
<td>Programmable DC Electronic Load Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC02000206-10</td>
<td>Air Data Test Set Case Assembly Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC02000207-10</td>
<td>Compressor/Vacuum Pump Case Assembly Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC07040313-10</td>
<td>RF Controller (RF Deck) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC07040317-10</td>
<td>Phase Noise Measurement Module (Enhanced) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000077-01</td>
<td>6½-Digit Digital Multimeter Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000078-01</td>
<td>High-Performance Universal Counter Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000079-01</td>
<td>1-GSa/s Digitizing Oscilloscope Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000080-01</td>
<td>Arbitrary Function Generator Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000081-01</td>
<td>21 MHz Synthesized Function/Sweep Generator Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000151-01</td>
<td>Local Oscillator Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000152-01</td>
<td>IF Section (100 KHz to 3 MHz) Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000154-01</td>
<td>Digitizer Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000155-01</td>
<td>Power Meter Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000156-03</td>
<td>Modular Synthesized Signal Generator with 1 Hz Resolution Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000172-01</td>
<td>RF Section (100 Hz to 22 GHz) Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000173-01</td>
<td>IF Section (10 Hz to 300 KHz) Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000200-01</td>
<td>Preamplifier (26.5 GHz) Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000291-10</td>
<td>RF Measurement #2 Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000884-01</td>
<td>Digitizing Oscilloscope Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000293-01</td>
<td>Power Sensor Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000293-03</td>
<td>Power Sensor Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000318-10</td>
<td>Synchronizer #1 Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC93000499-01</td>
<td>Microwave Radiation Detector Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940000603-10</td>
<td>RF Measurement #1 Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940000604-10</td>
<td>RF Converter Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940000605-10</td>
<td>RF Output Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940000606-10</td>
<td>RF Controller (BRAT 305/405) Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940000606-50</td>
<td>RF Controller (JTIDS) Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940000606-70</td>
<td>RF Controller (JSTARS) Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940000833-01</td>
<td>Frequency Extension Module Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940000855-01</td>
<td>Microwave Signal Generator Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940000982-01</td>
<td>Precision Frequency Reference with Internal Amplifier Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC940001013-01</td>
<td>50 MHz Attenuator Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC941000554-10</td>
<td>Phase Balance Module Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC941000604-01</td>
<td>Frequency Counter Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC94100766-10</td>
<td>Timing Generator Module Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC94101013-50</td>
<td>Phase Noise Measurement System Reference Source Unit Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC94101130-01</td>
<td>Phase Noise Measurement System Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC95000018-03</td>
<td>Microwave Network Analyzer Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC95000049-01</td>
<td>Synchro/Resolver Simulator and Indicator Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC95000340-01</td>
<td>Calibration Kit for Microwave Network Analyzer Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC96740017-01</td>
<td>Peak Power Meter Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC96740017-03</td>
<td>Peak Power Meter Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC96740019-01</td>
<td>Peak Power Sensor Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC96740019-03</td>
<td>Peak Power Sensor Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC96740021-01</td>
<td>Frequency Synthesizer Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC96740045-10</td>
<td>L-Band Signal Conditioning Module Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC96740070-10</td>
<td>Reference Generator Module Full Service Calibration Services</td>
</tr>
<tr>
<td>FSC96740103-10</td>
<td>CPSM Modulator/Demodulator Module Full Service Calibration Services</td>
</tr>
</tbody>
</table>
## BRAT Contractor Support - Full Service Cables, Connectors, Adapters, and Others

### Cables, Connectors, and Adapters - Complexity Level 1

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP02000133-10</td>
<td>Isolated GPIB Expander Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000208-10</td>
<td>Power Distribution Panel Assembly Full Service</td>
</tr>
<tr>
<td>FSP941000238-10</td>
<td>160-Pin, 50 Ω Point to Point Cable Full Service</td>
</tr>
<tr>
<td>FSP96000063-10</td>
<td>RFI Receiver Panel Full Service</td>
</tr>
<tr>
<td>FSP96000063-30</td>
<td>RFI Receiver Panel Full Service</td>
</tr>
<tr>
<td>FSP92105226-COM1</td>
<td>Cables, Connectors, and Adapters - Complexity Level 1 Full Service</td>
</tr>
<tr>
<td>FSP92105226-COM2</td>
<td>Cables, Connectors, and Adapters - Complexity Level 2 Full Service</td>
</tr>
</tbody>
</table>

### Cables, Connectors, and Adapters - Complexity Level 2

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP00002602-10</td>
<td>RF Detector Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000114-10</td>
<td>Digital Interconnect Cable Full Service</td>
</tr>
<tr>
<td>FSP02000116-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000117-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000117-30</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000117-50</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000117-70</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000117-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000120-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000122-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000124-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000125-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02000129-10</td>
<td>Power Cable Full Service</td>
</tr>
<tr>
<td>FSP92105226-COM1</td>
<td>Cables, Connectors, and Adapters - Complexity Level 1 Full Service</td>
</tr>
<tr>
<td>FSP92105226-COM2</td>
<td>Cables, Connectors, and Adapters - Complexity Level 2 Full Service</td>
</tr>
</tbody>
</table>

### Cables, Connectors, and Adapters - Complexity Level 2

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP02300525-10</td>
<td>Video Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02300536-10</td>
<td>Power Input Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP02300537-01</td>
<td>Boresight Bench Leg (Left) Full Service</td>
</tr>
<tr>
<td>FSP92103566-10</td>
<td>System Cable Full Service</td>
</tr>
<tr>
<td>FSP92103582-10</td>
<td>System Cable Full Service</td>
</tr>
<tr>
<td>FSP92103583-30</td>
<td>System Cable Full Service</td>
</tr>
<tr>
<td>FSP92103583-50</td>
<td>System Cable Full Service</td>
</tr>
<tr>
<td>FSP92103583-70</td>
<td>System Cable Full Service</td>
</tr>
<tr>
<td>FSP92103749-10</td>
<td>High Frequency Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103750-10</td>
<td>Four-Wire Resistance Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103751-10</td>
<td>Two-Wire Resistance Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103770-10</td>
<td>Shorting Plug Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103787-10</td>
<td>Static Digital Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103797-10</td>
<td>Custom Switch Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103903-10</td>
<td>N/A Synchro Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103914-10</td>
<td>BRAT Power Cable Full Service</td>
</tr>
<tr>
<td>FSP92103916-10</td>
<td>Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103917-10</td>
<td>Power Supply Cable Full Service</td>
</tr>
<tr>
<td>FSP94100017-10</td>
<td>DC Power Output Cable Full Service</td>
</tr>
<tr>
<td>FSP94100019-10</td>
<td>DC Power Output Cable Full Service</td>
</tr>
<tr>
<td>FSP94100020-10</td>
<td>DCPS External Channel Cable Full Service</td>
</tr>
<tr>
<td>FSP94100022-10</td>
<td>Syn 3 I/O Cable Full Service</td>
</tr>
<tr>
<td>FSP94100023-10</td>
<td>Point to Point Twisted Pair Cable Full Service</td>
</tr>
<tr>
<td>FSP94100024-10</td>
<td>50 Ω Point to Point Cable Full Service</td>
</tr>
<tr>
<td>FSP94100025-10</td>
<td>50 Ω Point to Point Cable Full Service</td>
</tr>
<tr>
<td>FSP94100026-10</td>
<td>VXI I/O Cable Full Service</td>
</tr>
</tbody>
</table>
## BRAT Contractor Support - Full Service Cables, Connectors, Adapters, and Others

### Cables, Connectors, and Adapters - Complexity Level 2

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP94100241-10</td>
<td>VXI I/O Cable Full Service</td>
</tr>
<tr>
<td>FSP94100244-10</td>
<td>VXI I/O Cable Full Service</td>
</tr>
<tr>
<td>FSP94100249-10</td>
<td>Power Cable Full Service</td>
</tr>
<tr>
<td>FSP94100329-10</td>
<td>DC2 Load I/O Cable Full Service</td>
</tr>
<tr>
<td>FSP94100390-10</td>
<td>Point to Point Twisted Pair Cable Full Service</td>
</tr>
<tr>
<td>FSP94100391-10</td>
<td>50 Ω Point to Point Cable Full Service</td>
</tr>
<tr>
<td>FSP94100776-10</td>
<td>Auxiliary AC Control Cable Full Service</td>
</tr>
<tr>
<td>FSP94100777-10</td>
<td>Auxiliary AC Output Cable Full Service</td>
</tr>
<tr>
<td>FSP94100864-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP94101108-10</td>
<td>Emergency Stop Cable Full Service</td>
</tr>
<tr>
<td>FSP94101204-10</td>
<td>Adapter CCA Full Service</td>
</tr>
<tr>
<td>FSP94101204-30</td>
<td>Adapter CCA Full Service</td>
</tr>
<tr>
<td>FSP96000038-10</td>
<td>6-Module Front Panel Full Service</td>
</tr>
<tr>
<td>FSP96000067-10</td>
<td>Power Output Cable Full Service</td>
</tr>
<tr>
<td>FSP96000072-01</td>
<td>Straight/Bulkhead MXI-2 Cable Full Service</td>
</tr>
<tr>
<td>FSP96000089-10</td>
<td>Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP96000094-10</td>
<td>Power Output Bulkhead Cable Full Service</td>
</tr>
<tr>
<td>FSP96000143-10</td>
<td>Shorting Plug - Option 500 Full Service</td>
</tr>
<tr>
<td>FSP96000148-10</td>
<td>RFI-VXI I/O Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP96000148-30</td>
<td>RFI-VXI I/O Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP96000148-50</td>
<td>RFI-VXI I/O Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP96000150-10</td>
<td>DCPS Loads Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP96000151-10</td>
<td>DCPS Loads Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP96000152-10</td>
<td>ECL Module I/O Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP96000160-10</td>
<td>Timing Module I/O Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP96000173-10</td>
<td>504 Self Test Case Assembly Full Service</td>
</tr>
<tr>
<td>FSP962000010-10</td>
<td>1330 Latch Cable Full Service</td>
</tr>
<tr>
<td>FSP962000013-10</td>
<td>CCA Housing Full Service</td>
</tr>
<tr>
<td>FSP962000013-30</td>
<td>CCA Housing Full Service</td>
</tr>
</tbody>
</table>

### BRAT Common Parts

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP96200013-50</td>
<td>CCA Housing Full Service</td>
</tr>
<tr>
<td>FSP96200013-70</td>
<td>CCA Housing Full Service</td>
</tr>
<tr>
<td>FSP96200013-90</td>
<td>CCA Housing Full Service</td>
</tr>
<tr>
<td>FSP96200026-10</td>
<td>30-Pin, 50 Ω Point to Point Cable Full Service</td>
</tr>
<tr>
<td>FSP96200027-10</td>
<td>30-Pin, twisted pair cable full service</td>
</tr>
<tr>
<td>FSP96200028-10</td>
<td>24-Pin, 50 Ω Point to Point Cable Full Service</td>
</tr>
<tr>
<td>FSP96200029-10</td>
<td>24-Pin, twisted pair cable full service</td>
</tr>
<tr>
<td>FSP96200045-10</td>
<td>System Cable Full Service</td>
</tr>
<tr>
<td>FSP96740304-10</td>
<td>RF Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP96740310-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP96740432-10</td>
<td>Reference Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP96740433-10</td>
<td>Frequency Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP96740996-10</td>
<td>CPSM Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP96741022-10</td>
<td>ECL Self Test Cable Full Service</td>
</tr>
<tr>
<td>FSP96741081-10</td>
<td>Termination Plug Full Service</td>
</tr>
</tbody>
</table>

### BRAT Common Parts Full Service

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP92105224-COM</td>
<td>BRAT Common Parts Full Service</td>
</tr>
<tr>
<td>FSP92000140-01</td>
<td>Filter/Regulator with Gauge Full Service</td>
</tr>
<tr>
<td>FSP93000521-30</td>
<td>Wiring Duct Cover - Modified Full Service</td>
</tr>
<tr>
<td>FSP94100179-01</td>
<td>Cable Shield - BRAT 405 Full Service</td>
</tr>
<tr>
<td>FSP94100179-03</td>
<td>Cable Shield - BRAT 405 Full Service</td>
</tr>
<tr>
<td>FSP94100344-01</td>
<td>Left Inlet Connector Lock Full Service</td>
</tr>
<tr>
<td>FSP94100344-02</td>
<td>Right Inlet Connector Lock Full Service</td>
</tr>
<tr>
<td>FSP94100345-01</td>
<td>Left Outlet Connector Lock Full Service</td>
</tr>
<tr>
<td>FSP94100345-02</td>
<td>Right Outlet Connector Lock Full Service</td>
</tr>
<tr>
<td>FSP94100411-01</td>
<td>Cable Retainer Full Service</td>
</tr>
<tr>
<td>FSP96200051-01</td>
<td>Connector Spacer Full Service</td>
</tr>
<tr>
<td>FSP96200051-03</td>
<td>Connector Spacer Full Service</td>
</tr>
</tbody>
</table>
## Appendix C-3

### BRAT Contractor Support - Full Service Cables, Connectors, Adapters, and Others

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cables, Connectors, and Adapters - Complexity Level 3</td>
<td>FSP92105225-COM3</td>
<td>Cables, Connectors, and Adapters - Complexity Level 3</td>
<td>FSP94100573-10</td>
</tr>
<tr>
<td>FSP92000113-10</td>
<td>Peak Power and Frequency Cable Full Service</td>
<td>FSP94100586-10</td>
<td>Type N to Type N Bulkhead Cable Full Service</td>
</tr>
<tr>
<td>FSP92000134-10</td>
<td>Power Cable Full Service</td>
<td>FSP94100586-30</td>
<td>Power Sensor Cable Full Service</td>
</tr>
<tr>
<td>FSP92000214-01</td>
<td>Service Access Panel Full Service</td>
<td>FSP94100679-10</td>
<td>Waveguide and Blower Assembly Cable Full Service</td>
</tr>
<tr>
<td>FSP92030050-01</td>
<td>Accessory Cable Full Service</td>
<td>FSP94100744-10</td>
<td>Inner Auxiliary AC Control Cable Full Service</td>
</tr>
<tr>
<td>FSP92030057-10</td>
<td>BNC to BNC Cable Assembly Full Service</td>
<td>FSP94100745-10</td>
<td>Auxiliary AC Power Output Cable Full Service</td>
</tr>
<tr>
<td>FSP92103911-10</td>
<td>DC Voltage Test Self Test Cable Full Service</td>
<td>FSP94100778-10</td>
<td>Auxiliary AC Slave Cable Full Service</td>
</tr>
<tr>
<td>FSP92103915-10</td>
<td>BNC Plug to BNC Plug Self Test Cable Full Service</td>
<td>FSP94100780-10</td>
<td>SW PDU Control Cable Full Service</td>
</tr>
<tr>
<td>FSP92103915-30</td>
<td>BNC Plug to BNC Plug Self Test Cable Full Service</td>
<td>FSP94100866-10</td>
<td>Power Input Cable Full Service</td>
</tr>
<tr>
<td>FSP92103931-10</td>
<td>RF Self Test Cable Full Service</td>
<td>FSP94101100-10</td>
<td>Rear Panel Assembly Full Service</td>
</tr>
<tr>
<td>FSP92103939-10</td>
<td>Type N to Type N RF Cable Full Service</td>
<td>FSP95000601-10</td>
<td>Type N Plug to SMA Plug Signal Processor Drawer</td>
</tr>
<tr>
<td>FSP92103939-50</td>
<td>Type N to Type N RF Cable Full Service</td>
<td>FSP95000602-10</td>
<td>Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103937-10</td>
<td>VXI Precision Resistor Cable Full Service</td>
<td>FSP95000603-10</td>
<td>Type N Plug to TNC Plug Armored Test Cable Full Service</td>
</tr>
<tr>
<td>FSP92103975-30</td>
<td>Electronic Load I/O Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103990-10</td>
<td>SPD I/O/Atten Test Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103910-10</td>
<td>RF Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100101-10</td>
<td>Three-Phase AC Power Input Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100174-10</td>
<td>MMS 1 I/O Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100175-10</td>
<td>AC Power Input Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100175-30</td>
<td>AC Power Input Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100175-50</td>
<td>AC Power Input Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100175-70</td>
<td>AC Power Input Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100185-30</td>
<td>Power Input Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100185-50</td>
<td>Power Input Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100188-10</td>
<td>MMS 2 I/O Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100192-10</td>
<td>BNC to SMB Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100202-10</td>
<td>DC Master/Slave Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100221-10</td>
<td>Syn 3 Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100227-10</td>
<td>Three-Phase Power I/O Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100237-10</td>
<td>Point to Point Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100318-10</td>
<td>SPD Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100328-10</td>
<td>Electronic Load Output Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100342-10</td>
<td>IEEE Extension Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100352-10</td>
<td>DB95 Male/Female Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100357-10</td>
<td>Printer Case Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100373-10</td>
<td>Comm Port I/O Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100407-10</td>
<td>Power Module Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100420-10</td>
<td>Type N Plug to Type N Plug Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100421-10</td>
<td>SMA Plug to Type N Bulkhead Armored Cable Assembly Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100428-10</td>
<td>Computer Cooling Fan Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100429-10</td>
<td>Reset Switch Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100430-10</td>
<td>Computer LED Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94100579-10</td>
<td>IF I/O Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATTI P/N</td>
<td>DESCRIPTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cables, Connectors, and Adapters - Complexity Level 4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103526-COM4</td>
<td>Cables, Connectors, and Adapters - Complexity Level 4 Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP02000109-10</td>
<td>Remote ON/Off Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP02000119-10</td>
<td>Cable Assembly Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP02000119-30</td>
<td>Cable Assembly Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP02000121-10</td>
<td>Cable Assembly Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP02000123-10</td>
<td>Cable Assembly Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP02000141-10</td>
<td>BNC Plug to BNC Plug Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103570-10</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103570-30</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103570-50</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103570-70</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103696-01</td>
<td>GPIB Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-10</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-30</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-50</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-70</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-90</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-110</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-130</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-150</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-170</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-190</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-210</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-230</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-250</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-270</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP92103820-290</td>
<td>System Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000205-10</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000207-10</td>
<td>Type N Plug to SMA Bulkhead Jack Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000211-10</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000214-10</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-10</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-30</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-50</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-70</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-90</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-110</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-130</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-150</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-170</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-190</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-210</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-230</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-250</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-270</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000215-290</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-10</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-30</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-50</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-70</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-90</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-110</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-130</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-150</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-170</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-190</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-210</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-230</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-250</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-270</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000216-290</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-10</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-30</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-50</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-70</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-90</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-110</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-130</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-150</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-170</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-190</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-210</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-230</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-250</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-270</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000217-290</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000319-10</td>
<td>Type N Plug to Type N Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP93000320-10</td>
<td>BNC Plug to BNC Plug Semi-Rigid Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000283-10</td>
<td>BNC Bulkhead Jack to SMB Bulkhead Jack Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000289-10</td>
<td>Type N Bulkhead Jack to SMA Bulkhead Jack Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-10</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-30</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-50</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-70</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-90</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-110</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-130</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-150</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-170</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-190</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-210</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-230</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-250</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-270</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000429-290</td>
<td>Right Angle SMB Plug to SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSP94000431-30</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Appendix C-3

**BRAT Contractor Support - Full Service Cables, Connectors, Adapters, and Others**

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP94000431-50</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000836-70</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-70</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000836-90</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-90</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-10</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-110</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-30</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-130</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-50</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-150</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-70</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-170</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-90</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-190</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-110</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-210</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-130</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-230</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-150</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-250</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-170</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-270</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-190</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-290</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-210</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-310</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-230</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-330</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-250</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-350</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-270</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-370</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-290</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-390</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-310</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-410</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-330</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000431-430</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-350</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000436-10</td>
<td>Right Angle SMA Plug to Right Angle SMA Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000841-370</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000836-10</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000885-30</td>
<td>Type N Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000836-30</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94000942-10</td>
<td>Right Angle SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP94000836-50</td>
<td>SMA Plug to SMA Plug Flexible Coaxial Cable Full Service</td>
<td>FSP94100176-10</td>
<td>Strain Relief Cable Full Service</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FSP94100176-30</td>
<td>Strain Relief Cable Full Service</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FSP94100176-50</td>
<td>Strain Relief Cable Full Service</td>
</tr>
</tbody>
</table>
# Appendix C-3

## BRAT Contractor Support - Full Service Cables, Connectors, Adapters, and Others

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP94100176-70</td>
<td>Strain Relief Cable Full Service</td>
</tr>
<tr>
<td>FSP94100257-10</td>
<td>RF Power Cord Full Service</td>
</tr>
<tr>
<td>FSP94100257-30</td>
<td>RF Power Cord (10 A - Europe) Full Service</td>
</tr>
<tr>
<td>FSP94100257-50</td>
<td>RF Power Cord (16/21 A - US) Full Service</td>
</tr>
<tr>
<td>FSP94100678-10</td>
<td>Blower Cable Full Service</td>
</tr>
<tr>
<td>FSP94100723-10</td>
<td>Waveguide and Blower Assembly Cable Full Service</td>
</tr>
<tr>
<td>FSP94100865-10</td>
<td>Facility Ground Cable Full Service</td>
</tr>
<tr>
<td>FSP94101036-10</td>
<td>Blower Hose Assembly Full Service</td>
</tr>
<tr>
<td>FSP95000279-10</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-30</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-50</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-70</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-90</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-110</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-130</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-150</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-170</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-190</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-210</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-250</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-270</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-290</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-310</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000279-330</td>
<td>SMA Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000280-10</td>
<td>Right Angle SMB Plug to Right Angle SMB Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000281-10</td>
<td>SMB Plug to SMB Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP95000619-10</td>
<td>SMB Plug to SMA Plug Coaxial Cable Full Service</td>
</tr>
<tr>
<td>FSP96000049-10</td>
<td>AC Power Cable Full Service</td>
</tr>
<tr>
<td>FSP96000050-10</td>
<td>Bus Bar Ground Cable Full Service</td>
</tr>
<tr>
<td>FSP96000050-30</td>
<td>Bus Bar Ground Cable Full Service</td>
</tr>
<tr>
<td>FSP96000053-10</td>
<td>Power Supply Cable Full Service</td>
</tr>
<tr>
<td>FSP96000060-10</td>
<td>2-Pin Point to Point Cable Full Service</td>
</tr>
<tr>
<td>FSP96000033-10</td>
<td>Switch 4 to Switch 3 Cable Full Service</td>
</tr>
<tr>
<td>FSP96000037-10</td>
<td>BNC to Header Cable Full Service</td>
</tr>
<tr>
<td>FSP96000038-10</td>
<td>Switch 3 to Arb Cable Full Service</td>
</tr>
<tr>
<td>FSP96000039-10</td>
<td>Switch 3 to Switch 5 Cable Full Service</td>
</tr>
<tr>
<td>FSP96740309-10</td>
<td>Cable Assembly Full Service</td>
</tr>
<tr>
<td>FSP983079257-10</td>
<td>TPS Case Assembly (1 Compartment) Full Service</td>
</tr>
<tr>
<td>FSP96000016-03</td>
<td>VXI-MXI-2 Kit (Without Cable) Full Service</td>
</tr>
</tbody>
</table>

### Other

<table>
<thead>
<tr>
<th>ATTI P/N</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP09300504-01</td>
<td>Dash Cable Full Service</td>
</tr>
<tr>
<td>FSP09300518-01</td>
<td>9&quot; Black and White Monitor Full Service</td>
</tr>
<tr>
<td>FSP07040313-10</td>
<td>RF Controller (RF Deck) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service</td>
</tr>
<tr>
<td>FSP07040317-10</td>
<td>Phase Noise Measurement Module (Enhanced) Obsolescence Mitigation Replacement - SW subject to License (App. A) Full Service</td>
</tr>
<tr>
<td>FSP94100327-10</td>
<td>Rack Mount Display 18.1 in. Full Service</td>
</tr>
<tr>
<td>FSP96000016-03</td>
<td>VXI-MXI-2 Kit (Without Cable) Full Service</td>
</tr>
</tbody>
</table>
Leasing

TPS, ITA, Holding Fixture, or Tester - SW subject to License (App. A)

Leasing:
TPS, ITA, Holding Fixture, or Tester - SW subject to License (App. A)

Cost:
Item price plus 25% paid over 3 years

Leasing is to be paid in advance as follows:
1st Year  -  45%
2nd Year  -  35%
3rd Year  -  20%

Term:
Minimum two-year lease

Purchase Option:
At the end of the 3rd year lease, purchase price is 4% of the 3-year total lease price.
The price does not include repair, maintenance, or calibration.
Advanced Testing Technologies, Inc.

Corporate Headquarters
110 Ricefield Lane
Hauppauge, NY 11788

1-800-ATTI-VXI (1-800-288-4894)
www.attinet.com
e-mail: atti@attinet.com

Developing Tomorrow’s Systems Today