

HYBRID TEST SET

AN/USM-484 TEST EQUIPMENT UPGRADE

COMPREHENSIVE SYSTEMS SUPPORT STARTS HERE

A simple fact of providing avionics support is that equipment becomes obsolete. Form Fit Function (FFF) replacements are extremely difficult to find and often equipment no longer has original equipment manufacturer support. Arcfield offers another option – upgrading your Hybrid Test Set (HTS) by replacing the arbitrary waveform generator, pulse generator, programmable digitizer, disk drive, terminal and printer. Each instrument has been customized through hardware and or firmware upgrades for optimal performance in the HTS.

CAPABILITY HIGHLIGHTS:

- Fully integrated, drop-in replacements needing no changes to existing suite of over 600 Test Program Sets (TPSs)
- Verified through regression testing of over 90 resource intensive TPSs
- Fully compatible with Peraton developed common system software baseline distributed to all HTS users
- Easily installed by the user with no training required
- Testing includes a complete station self-test and calibration

FEATURES:

1. TERMINAL AND PRINTER

- PN 3009032-101
- Functional replacement for the HP2645A Terminal and HP9876A thermal printer
- Commercial off-the-shelf (COTS) 17" touch screen panel PC running Windows 10
- Terminal and printer combined on one screen, soft print to file for archiving
- Ergonomic support arm
- Complete mod kit includes COTS assemblies, emulation software, mounting brackets, cables and blanking panels
- BB86 and BB87



1

2. PROGRAMMABLE DIGITIZER (PD)

- PN 3009012-101
- FFF replacement for the Armada V 1.0 and V 2.0
- Front USB and VGA connectors
- Single disc recovery
- BB81



2

3. DISK DRIVE

- PN 3009036 HTS disc drive
- PN 3009037 HTS disc drive and media conversion kit
- Fit and function replacement for the Bering 7698N
- Replaced obsolete magneto optical drives with a compact flash card
- No cabling modification
- Uses original rackmount



3

4. PULSE GENERATOR (PPG)

- PN 3009011-101
- FFF replacement for the Wavetek 859
- BB78-1 and BB78-2



4

5. ARBITRARY WAVEFORM GENERATOR (ARB/AWG)

- PN 3009010-101
- FFF replacement for the Wavetek 175
- BB77-1, BB77-2 and BB77-3



5



ABOUT ARCFIELD

Arcfield Canada Corp. supports innovative next-generation cooperative military advancement to the defence and aerospace industry. As a trusted partner to Canada's defence community, Arcfield supplies world-class mission sustainment solutions through its In-Service Support and Integrated Logistics Support capabilities. For more than 35 years, Arcfield has been a dedicated partner to the Canadian Armed Forces and is Canada's only prime contractor for the sustainment of avionics systems, electronic warfare, and automated test equipment on a fighter platform. Headquartered in Chantilly VA the company employs 1,200 people across the U.S. and Canada.

6732 8TH STREET NE CALGARY, AB,
CANADA T2E 8M4

360 ALBERT STREET, SUITE
620, OTTAWA ON K1R 7X7

CANADA@ARCFIELD.COM
ARCFIELD.CA