



RATS - Reconfigurable Avionics Test Set

Multipurpose avionics test set designed to meet the evolving test requirements of computer based avionics systems

The RATS is a multipurpose avionics test set designed for testing a variety of computer based avionics systems. The RATS is equipped with a ruggedized computer and software configurable interface electronics that provide the user with a flexible set of capabilities when testing avionics systems.

Applications

- Preflight checks
- Loading munitions Operational Flight Software (OFS)
- Periodic maintenance checks

Current configurations supports ATACNAV, Griffin, Pyros, Small Guided Munition, Common Launcher, Smart Launcher and others.

Features:

- Integrated GPS L1/L2
- External High Gain GPS Antenna
- Ruggedized computer
 - Touchscreen
 - Daylight Readable Display
 - Certified to MIL-STD 810G
 - Certified to IP65
 - Certified to MIL-STD-461F
- DS-101 Key Fill Port
- Manual SAASM Zeroize Capability
- System Reprogramming Capability
- Instrumentation Data Output
- Automatic Test Log Generation
- Self Contained
 - Includes Interface Cabling
 - Integrated Pelican Case
- Man portable
- Supports Multiple Avionics Systems
 - INS/GPS Navigation Systems
 - Smart Guided Weapons
 - Smart Launch Systems

Specifications:

- Power
 - 110VAC
 - 300 Watts
 - 50-60 Hz
- GPS
 - L1/L2 Reference Receiver
 - 50 Foot RF Cable
- Temperature
 - Operating: -20°C to +60°C
 - Storage: -40°C to +70°C
- Form Factor
 - 20.62" x 16.87" x 8.12"
 - <30 to 65 lbs
- Minimal RF Emissions
 - No WiFi
 - No Bluetooth
- Test Functions
 - GPS RF
 - BIT Monitoring
 - Communications
 - Sub-system Status
 - Reprogramming

Applied Systems Engineering, Inc

1480 Hickory Street
 Suite 106
 Niceville, FL 32578
 Phone: 850 729 7550
 Fax: 850 739 3039

E-mail: info@aseifl.com
www.aseifl.com

