

# ITASS

## INTEGRATED TESTER FOR AIRCRAFT SURVIVABILITY SYSTEMS



Part Number:  
40514-40000-10

The Integrated Tester for Aircraft Survivability Systems (ITASS) verifies radar warning receivers, missile warning systems, laser warning systems and other radio frequency (RF) systems onboard aircraft, providing operators the tools they need to confidently validate the operational status of the systems.

[TextronSystems.com](http://TextronSystems.com)



**TEXTRON** Systems

► PUSHING PAST POSSIBLE

# PROVIDING CONFIDENCE AND RELIABILITY THROUGH TOTAL SPECTRUM TEST AND TRAINING SOLUTIONS

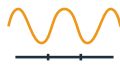
ITASS can be utilized to simulate radar threats and automatically verify system responses between 0.1-18 gigahertz (GHz) and 26-40 GHz, comprehensively addressing all significant frequency ranges. ITASS can be utilized to simulate IR missile and hostile fire threats in both ultraviolet (UV) and two-color IR. Pulsed and continuous wave laser threats, laser designator, laser range finder and laser beam rider also can be simulated to verify laser warning systems.

User-friendly software allows test scenarios to be constructed, pre-programmed and executed easily. With setup times of five minutes or less, technicians can conduct complete aircraft pre-flight checks quickly and reliably. Go/no-go test results are automatically displayed.

## SYSTEM PERFORMANCE



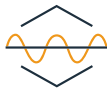
**OPERATING RANGE**  
10 - 60 FT



**FREQUENCY RANGE**  
100 MHz - 18 GHz  
26 - 40 GHz



**ACCURACY**  
± 2 dBm, RELATIVE



**LASER WAVELENGTH**  
905 nm  
1550 nm



**PHASE NOISE**  
-60 dBc at 10 kHz  
offset at 9 GHz carrier



**FREQUENCY SWITCH SPEED**  
5 μsec, multiple  
200 μsec, single



**MAXIMUM PROFILE DURATION**  
>32 sec



**EXTERNAL POWER**  
+15 VDC, 52 W, 3.5 A  
nominal  
(+20 VDC max, non-isolated)



**BATTERY**  
14.4 V rechargeable  
lithium ion  
2+ hrs of operation



**WEIGHT**  
21 lb with battery



**DIMENSIONS**  
16.8"L x 13.0"W x  
9.75"H



**ACCESSORIES**  
Tripod included