Hellfire Platforms Test & Support Equipment

Test Solutions from the Flightline to the Depot
Vertically integrated solutions including design, production, repair, overhaul, upgrades, maintenance, and training
Hellfire and Longbow Launchers

M299 / M310 Air-to-Ground Missile Launcher
Modular air to ground missile launcher capable of carriage & release of up to four Hellfire class weapons
Hellfire Test & Support Equipment

MT1888 Series
O-Level, eye-safe laser target simulator for system level test of laser-guided weapons systems
marvintest.com/products/MT1888

MTS-916-5
Laser target simulator for the AGM-114 missile family
marvintest.com/products/MTS-916

AME Systems
- O-Level (on aircraft)
- I-Level (off aircraft)
- Depot-Level (off aircraft)

SMS & Munitions
- I-Level / Depot-Level (off aircraft)

Flightline to Depot Test Solutions
MTS-206-2
Maverick/Hellfire missile test set supporting most variants of the AGM-114 and AGM-65
marvintest.com/products/MTS-206-2

MT3045
Hellfire pre-load test set and missile simulator
marvintest.com/products/MT3045

AN/TSM-205B
Hellfire system test set supporting all Hellfire platforms and the M299 launcher
marvintest.com/products/AN-TSM-205

TS-201
Depot-level M299 launcher and launcher electronics assembly test set
marvintest.com/products/TS-201
From the Flightline to the Depot

Inspired by the demanding and critical nature of our customers’ missions, we strive to be the world’s most innovative, best-value test solutions provider. With more than 25 years of global experience in the aerospace and manufacturing industries, we are able to quickly deliver full-spectrum, successful test solutions for defense, commercial aerospace and manufacturing organizations from the flightline to the depot.

“Sustained commitment to product quality and innovation are among the characteristics Lockheed Martin has grown to identify in the service it receives from Geotest (Marvin Test Solutions).”

Barry Breslow, Senior Contract Manager, Lockheed Martin

WE MAKE TEST EASY™

Download our armament test gap white paper at marvintest.com/armament.
Bridging the Armament Test Gap

Marsh Test Solutions

The U.S. Air Force (USAF) took delivery of its first F-16 aircraft which features "state of the art" technology including sophisticated Link 16 data link, avionics, and armament systems. In May of 2017, this sophisticated armament system was tested as part of the USAF's upcoming program to modernize its fleet of F-16 aircraft. One of the key new features of this test was the USAF's new test platform, a ruggedized aircraft called the "Marine Test Facility (MTF)". The F-16 ADPS is a very simple device with a single measurement channel. To provide adequate flight time armament test capabilities, this year the test equipment was equipped with large-format displays, such as the 7500i video camera, the flightline near the F-16, and equipment and configurations (Fig. 1).

The Armament Test Gap

Over the years, the F-16 aircraft has received numerous upgrades to its avionics and armament systems including Link 16, SMART-1550, and 7500i weapons systems. Today's test equipment is still required to simulate or test the sophisticated armament and munitions systems on the F-16, its high-speed armament test capabilities.

Closing the Armament Test Gap

Current-generation test equipment is inadequate to test the advanced armament systems on F-16 aircraft. Marsh Test Solutions' MTS-3000 SmartCam™ (Version 0-Level Tester) represents a paradigm shift from the traditional one-box test equipment. The Marsh 0-Level tester is a ruggedized device designed to be modular and test equipment options which are available to maintain a testfield where maintenance is still an ongoing operation.

Bridging the Armament Test Gap

The F-16 aircraft is a perfect example of the need for a modular test solution for multiple aircraft types - including the F-16. The ability to test the armament system today, one aircraft at a time, the MTS-3000 SmartCam™ (Version 0-Level Tester) is a fully integrated and proven solution for the F-16 Block 15 and 30, F-15C (C/A/PA/SA) and F-15 aircraft.