Vertically integrated solutions including design, production, repair, overhaul, upgrades, maintenance, and training.
F-18 Alternate Mission Equipment

LAU-7/A: Air-to-Air Missile Launcher

LAU-127A/A: AMRAAM Missile Launcher

BRU-41/A: Improved Multiple Ejector Rack
BRU-42/A: Improved Triple Ejector Rack

CATM-120: Captive Air Training Missile

BRU-32B/A: Heavy Duty Ejector Rack
F-18 Test & Support Equipment

MTS-3060 SmartCan
Universal O-Level Armament Tester supporting legacy and “smart” weapons systems
marvintest.com/products/MTS-3060

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

MTS-916
Modular target simulator for AGM/TGM-65 missiles and GCSs including IR, TV/CCD, and Laser
marvintest.com/products/MTS-916

Flightline to Depot Test Solutions

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

SMS & Munitions
- I-Level (off aircraft)
- Depot-Level (off aircraft)
MTS-206
Maverick Field Test Set supporting all variants of the AGM-65, TGM-65, LAU-117 and LAU-88
marvintest.com/products/MTS-206

MTS-209
Common Armament Test Set supporting legacy and Smart AME
marvintest.com/products/MTS-209

Laser Source Simulator Bench
Depot-level bench designed to support Paveway Laser Guided Bomb, fashioned after TTU-373

TS-217
Depot-level Universal Armament Tester supporting launchers, bomb racks, and Paveway rounds
marvintest.com/products/TS-217
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.”

Barry Breslow, Senior Contract Manager, Lockheed Martin

Download our armament test gap white paper at marvintest.com/armament.
Repeating old equipment with COTS Leveraging COTS technology is often a cost-effective method for upgrading older systems, but challenges exist as the COTS products are often software-based and the legacy system is built to accommodate only hard-wired technology.

"Using software-driven COTS products to replace older, hard-wired logic equipment presents a host of issues that require special skill for test equipment visibility of a problem, especially those of interfacial protocols and weasels. Michael Carter, CEO and CTO of Saltec in San Diego, CA, apparently encounter customers trying to replace older equipment with our COTS products but find interfaces are poorly or improperly added so things don’t happen as expected. In some cases, the interface documentation is all and it requires reverse engineering. Tying to manifest themselves when happen faster or slower than expected. If it’s a faster process or an induced learning..."

Commonality of test equipment across platforms Across the Department of Defense (DOD) there is a push toward commonality—using the same equipment,

"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

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