

# Integrated Family of Test Equipment (IFTE)

Enables verification of Army weapon systems and components, or the isolation, diagnosis, and repair of faults through mobile, general purpose, and automatic test systems.



**Maintenance Support Device**



**AN/TSM-191(V) 5  
Electro-Optics  
Test Facility**



**AN/TSM-191(V) 6  
Base Shop  
Test Facility**



## DESCRIPTION AND SPECIFICATIONS

The Integrated Family of Test Equipment (IFTE) consists of three interrelated, integrated, mobile, tactical, and man-portable systems. These rugged, compact, lightweight, general purpose systems enable the verification of the operational status of weapon systems, as well as fault isolation to the line replaceable unit at all maintenance levels, both on and off the weapon system platform.

The Electro-Optics Test Facility (EOTF) (AN/TSM-191(V)5) is capable of testing the full range of Army electro-optical systems including laser transmitters, receivers, spot trackers, forward-looking infrared systems, and television systems. It is fully mobile with VXI instrumentation, touch-screen operator interface, and an optical disk system for test program software and electronic technical manuals.

IFTE Base Shop Text Facility (BSTF) (AN/TSM-191(V)6) is the follow-on reconfigurable, rapidly deployable, automatic test equipment capable of supporting joint operations, reducing logistical footprint, and replacing/consolidating obsolete, unsupportable automatic test equipment in the Army inventory.

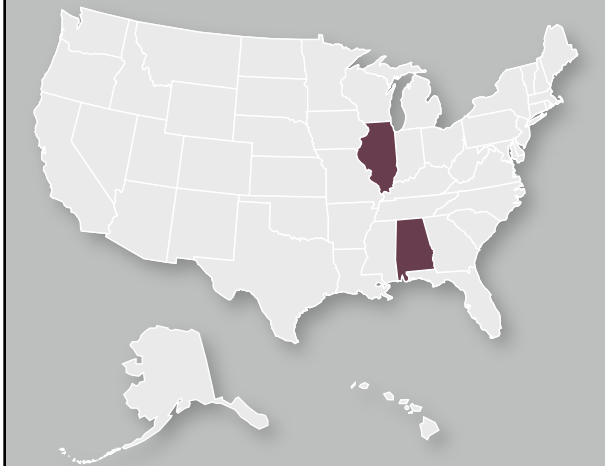
The Maintenance Support Device (MSD) is a multi-purpose, ruggedized software loader, verifier, and at-system automated test equipment used throughout the Department of Defense to test and diagnose complex electronics, engines, transmissions, central tire inflation systems, anti-lock brake systems, and other missile, aviation, and vehicular subsystems.

## PROGRAM STATUS

- **1QFY04** BSTF proof of principle demonstration
- **2QFY04** Proof of principle, phase II

## PROJECTED ACTIVITIES

- **1QFY06** BSTF (V)6: Prototype development continues
- **1QFY06** EOTF (V)5 and MSD: Production and fielding



## CONTRACTORS

**EOTF:** Northrop Grumman (Rolling Meadows, IL)  
**MSD:** Miltope Corporation (Hope Hull, AL)  
**BSTF:** DRS Technologies (Huntsville, AL); Northrop Grumman, (Rolling Meadows, IL)

## INVESTMENT COMPONENT

Modernization

## ACQUISITION PHASE

- System Development and Demonstration
- Production and Deployment