

# SUPPORT EQUIPMENT (SE)



The NAWCAD Lakehurst Support Equipment Department (SED) executes the timely acquisition and delivery of SE for United States Navy (USN), United States Marine Corps (USMC), United States Air Force (USAF), International Partners and State Department Foreign Military Sales (FMS) cases.

The SED utilizes a multi-disciplined, highly-skilled and diverse array of personnel, high-technology labs and tailored business processes to execute the life-cycle management, engineering and logistics support for the acquisition and sustainment of Common Support Equipment (CSE) and Peculiar Support Equipment (PSE).

## COMMON SUPPORT EQUIPMENT

In support of the Aviation Support Equipment Program Office (PMA-260), the SED provides cost-effective aviation CSE in support of fleet operations at USN and USMC maintenance activities ashore and afloat. SED team members ensure that new CSE end items delivered to all USN and USMC maintenance activities are suitable and supportable for fleet use in their intended operational environments. Fleet users can expect that delivered CSE has successfully passed all applicable performance, environmental, electro-magnetic interference, shock and vibration testing and that all appropriate integrated logistics support elements are in place.

SED subject matter experts provide cradle-to-grave in-service engineering and logistics support for a range of over 1,500 different CSE

end items fielded worldwide at all USN and USMC organizational and intermediate-level maintenance activities across the following commodities:

- Aircraft Handling & Servicing Equipment
- Aircraft Wiring Repair & Test Equipment
- Handling, Loading & Transportation Equipment
- Avionics Test Equipment
- Corrosion Control Equipment
- Cryogenics Storage, Servicing & Test Equipment
- Electrical System Servicing & Test Equipment
- Hydraulics Servicing & Test Equipment
- Instrumentation System Test Equipment
- Non-Destructive Inspection Equipment
- Propulsion/Engine Test & Transportation Equipment
- Weapons Control Test Equipment

## PECULIAR SUPPORT EQUIPMENT

In support of USN and USMC aircraft platforms, the SED provides cost-effective aviation PSE in support of fleet operations at USN and USMC maintenance activities ashore and afloat. The SED provides cost-effective, suitable and supportable PSE solutions for use in their intended operational environment that have passed all applicable performance, environmental, electro-magnetic interference, shock and vibration testing and that all appropriate integrated logistics support elements are in place.

SED subject matter experts provide cradle-to-grave in-service engineering and logistics support for PSE items fielded worldwide across

all USN and USMC organizational, intermediate and depot-level maintenance activities, as well as FMS, for a wide range of aircraft programs, including:

- AH-1W/Z
- AV-8B
- C-40
- CH-53K
- CMV-22
- CV-22
- E-2C/D
- EA-18G
- FA-18C/D/E/F
- F-35
- H-60B/F/H/R/S
- KC-130K/J
- MV-22
- NGJ
- P-3
- P-8
- T-45
- UAS – multiple platforms
  - MQ-4C
  - MQ-8B/C
  - MQ-9
  - MQ-25
  - RQ-21A
- UH-1Y
- VH-92



## CONSOLIDATED AUTOMATED SUPPORT SYSTEM FAMILY OF TESTERS (CASS FOT)

The CASS FoT provides fleet intermediate-level maintenance activities ashore and afloat with a common capability to test and troubleshoot over 500 avionics Weapons Replaceable Assemblies and Shop Replaceable Assemblies across multiple Navy and Marine Corps type/model/series aircraft. Lakehurst provides sustainment support for PMA-260 to the CASS FoT through the execution and management of a comprehensive Performance Based Logistics (PBL) Contract. We leverage off CASS stations in our Automatic Test Equipment (ATE) Lab to support research, development, test & demonstration efforts of new Navy/DoD Automatic Test Equipment & Test Program Set (TPS) technologies such as the Common Development Environment for Test. Lakehurst provides support to all aircraft platforms through the procurement and fielding of new CASS FoT Test Program Sets in support of new and emerging aircraft systems.

