



NDIA  
AUTOMATIC TEST COMMITTEE  
NAVY/MARINE CORP (AIR)  
LIAISON REPORTS

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# AGENDA

- **NAVAIR**

- Recent PMA260 Exchanges with Industry
- PMA260 Technology Focus Areas
- PMA260 Equipment Supported
- eCASS
- CASS FoT PBL
- Navy Operational Test program Set (OTPS) Work

Note: Yellow Text is New Information since August 2022 Report

# RECENT PMA260 EXCHANGES WITH INDUSTRY

NAVAIR PMA260 remains committed to managing the information flow to industry directly. They have begun a campaign to actively and directly engaging industry through industry days for each of its competitive efforts. As a result, my reports must be derived from public source information. The majority of this information sourced from SAM.GOV.

# RECENT PMA260 EXCHANGES WITH INDUSTRY

- RFI for the PMA260 Virtual Industry Day April 2023\* (Register before 30 March)
- Consolidated Automated Support System (CASS) Family of Testers (FoT) Performance Based Logistics (PBL) \*
- Electronic Consolidated Automated Support System Full Rate Production units along with related equipment\*
- Self-Propelled Weapons Transporter (SPOT) Virtual Industry Day\*
- RFI for the PMA-260 Industry Day July 2022 for the Replacement Aircraft Engine Test Instrumentation (ETI) System\* (Cancellation Notice)
- PMA-260 Common Aviation Support Equipment Virtual Industry Day 2021\*
- F414 Throttle\*

\* Search [www.sam.gov](http://www.sam.gov) for more information

# PMA260 TECHNOLOGY FOCUS AREAS\*

- Proliferation of organizational level (O-level) test equipment
- Additive Manufacturing (AM) to maintain Navy CSE aviation assets
- Multipurpose systems that are configurable and reconfigurable
- Modularization, flexibility, and interoperability in the design, procurement, and support of CSE & ATS products or components
- Improving diagnostic and prognostic capabilities
- CSE and ATS obsolescence

\* Search [www.sam.gov](http://www.sam.gov) for more information

# PMA260 TECHNOLOGY FOCUS AREAS\*

- Technologies to enhance Test Program design, development, and maintenance
- Research and development of new system-level designs or advancement of component technologies common to multiple CSE items
- Expeditionary Environments
- Flight line Equipment & Vehicles that improve energy efficiency, autonomy during operations.

\* Search [www.sam.gov](http://www.sam.gov) for more information

# PMA260 TECHNOLOGY FOCUS AREAS\*

- Enable electrification of the flight line and associated equipment with full-electric or diesel-electric hybrid solutions.
- Technologies aiding in calibration of equipment, through decreased complexity of calibration procedures, increased speed of calibration, and increased mean time between calibration cycles. Aid in self-calibration or self-diagnosis of calibration drift
- Materials and coatings to increase the resistance of CSE and ATS equipment to corrosion and other forms of material degradation, such as embrittlement from UV damage
- Cybersecurity technologies, including Supply Chain Risk Management and Software Virtualization and Containerization

\* Search [www.sam.gov](http://www.sam.gov) for more information

# PMA260 EQUIPMENT SUPPORTED \*

## Automatic Test Equipment

- Consolidated Automated Support System (CASS)
- Common Radio Frequency Communication/Navigation Test Set
- Jet Engine Test Instrumentation
- Automatic Test Equipment
- Test Program Sets
- Electronic Warfare (EW) Avionics Test Sets

## Other

- Platforms CSE - Shipboard Tow Tractors, Shipboard Air Conditioners
- Electrical CSE - Shipboard MEPP, Aircraft Engine Component Test Stand
- Cryogenics CSE- Liquid Oxygen/Nitrogen Generator, Aircraft/LOX Converter Purging Unit
- Hydraulics CSE - Aircraft Pressurized Cabin Leakage Tester, Hydraulic Fluid Particle Counter
- Non-Destructive Inspection (NDI) CSE
- Aircraft Wiring CSE- Fiber Optic Repair Sets
- Aircraft Fluid Service Units
- Hydraulic Power Supplies
- Calibration
- Mobile Facilities

\* Search [www.sam.gov](http://www.sam.gov) for more information



# ELECTRONIC CONSOLIDATED AUTOMATED SUPPORT SYSTEM

- eCASS Production Full Rate Production 2\*
- Consolidated Automated Support System (CASS) Fourth Generation Electro-Optics (EO4) Subsystem\*
- Automatic Test System installed ashore, afloat, and in mobile facilities. Used for I-Level and D-Level repair of Navy's avionics and electronics systems.
- **Last Planned, Navy Buy for eCASS is FY23. (Up to 24 Stations)\***
- Future orders for Marine Aviation (Source 2022 Aviation Plan), JSF, and FMS are possible.
- E04 Development Continues. EO4 Production expected at the conclusion.

\* Search [www.sam.gov](http://www.sam.gov) for more information

# CASS FAMILY OF TESTER (FOT) PERFORMANCE BASED LOGISTICS (PBL)

- Consolidated Automated Support System (CASS) Family of Testers (FoT)\*
- ECASS, CASS & RTCASS (CASS Family of Testers) (FOT) Performance Based Logistics (PBL)\*
- Reconfigurable Transportable Consolidated Automated Support System (RTCASS) Performance Based Logistics (PBL)\*
- electronic Consolidated Automated Support System (eCASS) Interim Contractor Support (ICS)\*
- Performance Based Logistics (PBL) support for nearly 600 CASS, RTCASS, & eCASS stations worldwide.
- **FINAL RFP February 2023, Proposals Due 11 April 2023.**
- CASS/RTCASS PBL ending FY24 replaced with CASS FoT PBL

\* Search [www.sam.gov](http://www.sam.gov) for more information

# NAVY OPERATIONAL TEST PROGRAM SET (OTPS)

- DFDDP Data/WRAs for the CH-53K\*
- Radar Beacon System (RBS) AN/APN-245 Operational Test Program Set (OTPS) – F/A-18 & E/A-18G\*
- E2D Radar OTPS Phase 3&4 (1)\*
- E2D Radar OTPS Phase 3&4 (2/3)\*
- E-2D Advanced Hawkeye Identification Friend or Foe (IFF) Operational Test Program Sets (OTPS)\*
- Next Gen Jammer Mid-Band Operational Test Program Sets\*
- Avionics 3i/5i Operational Test Program Sets\*
- Infrared Search and Track System Operational Test Program Set\*

\* Search [www.sam.gov](http://www.sam.gov) for more information

# QUESTIONS