PMA-201G1 Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD) International Logistics Meeting (ILM)

CAD/PAD 101

26-27 June 2018
CAD/PAD Product Overview

- United States Navy (USN) uses/manages approximately 676 distinct CAD/PAD items for over 130 different aircraft configurations

- Each CAD and PAD is identified by a Department of Defense Identification Code (DODIC*) and National Stock Number (NSN)

*DODIC is also known as Naval Ammunition Logistics Code (NALC)*
- Naval Air Systems Command (NAVAIR), PMA-201:
  - Manages follow-on CAD/PADs Foreign Military Sales (FMS) cases for customers predominantly flying USN aircraft platforms
  - Maintains acquisition authority and responsibility
    - Case Planning, Development, Management and Execution
  - Funds Naval Surface Warfare Center Indian Head Explosive Ordnance Disposal Technology Division (NSWC IHEODTD) to perform engineering, technical, logistical and some production/test services
    - First Article Testing (FAT) is typically required if:
      - Contractor has not previously manufactured an item…or…
      - If 24 months has elapsed since the last date of manufacture
    - Lot Acceptance Testing (LAT) is conducted on samples from every production lot to ensure reliability of the items in the lot
  - Procures contractor-produced CAD/PADs via Naval Supply Systems Command (NAVSUP)
NSWC IHEODTD is the Tri-Service (US Army, US Navy & US Air Force) Center for CAD/PAD

- Maintains unique facilities and expertise for the engineering, research, test, manufacture and technical oversight of explosives
  - Manufactures some CAD/PADs items in-house
  - Tests many contractor-produced items
    - FAT
    - LAT
- Consolidates Tri-Service and FMS CAD/PAD procurement requirements
- Performs Surveillance Testing
  - Ordnance Assessments (OA)
- Performs Supportability Analysis
  - In support of Service Life Extensions (SLE) or Reductions in Life
  - To assist in processing Stock Issue / Replacement In Kind (SI/RIK)
- Provides Delivery Status Reports (DSRs)
Questions?