



## CAD/PAD International Logistics Meeting (ILM)

### F-35 Integration Status

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**Commanding Officer**

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**Technical Director**

**- 11 June 2019 -**



# OVERVIEW

- The prime contractor is currently responsible for all aspects of the F-35 to include production and sustainment
- The Joint Strike Fighter (JSF) Program Office determined that PMA-201 CAD/PAD Joint Program Office (JPO) will become the Product Support Provider (PSP) for JSF CAD/PAD
- The CAD/PAD JPO is recognized as the CAD/PAD Center of Excellence
- Transition to occur January 2020

# AGENDA

- Program Transition Ground Rules
- Working Groups Ongoing Efforts
  - Requirements Determination (RDM)
  - Autonomic Logistics Information System (ALIS)
  - Inventory Manager
  - Sustaining Engineering
  - DEMIL
- Summary
- Questions



# Program Transition Ground Rules

- Transparent to the Warfighter
- Purple Solution



**Seat CADs and PAD**

# RDM

- Requirements will be generated by NSWC Indian Head EOD Technology Division (IHEODTD)
  - Working in concert with JSF JPO and prime to obtain current production and sustainment profiles to accurately forecast requirements
    - Source data contracted and extracted from a variety of other sources is currently used

# ALIS

- CAD/PAD will operate within the ground rules set forth by leadership to work within ALIS as program of record
- Notification messages relayed through ALIS
- Field units to requisition CAD/PAD utilizing ALIS



# Inventory Management (cont)

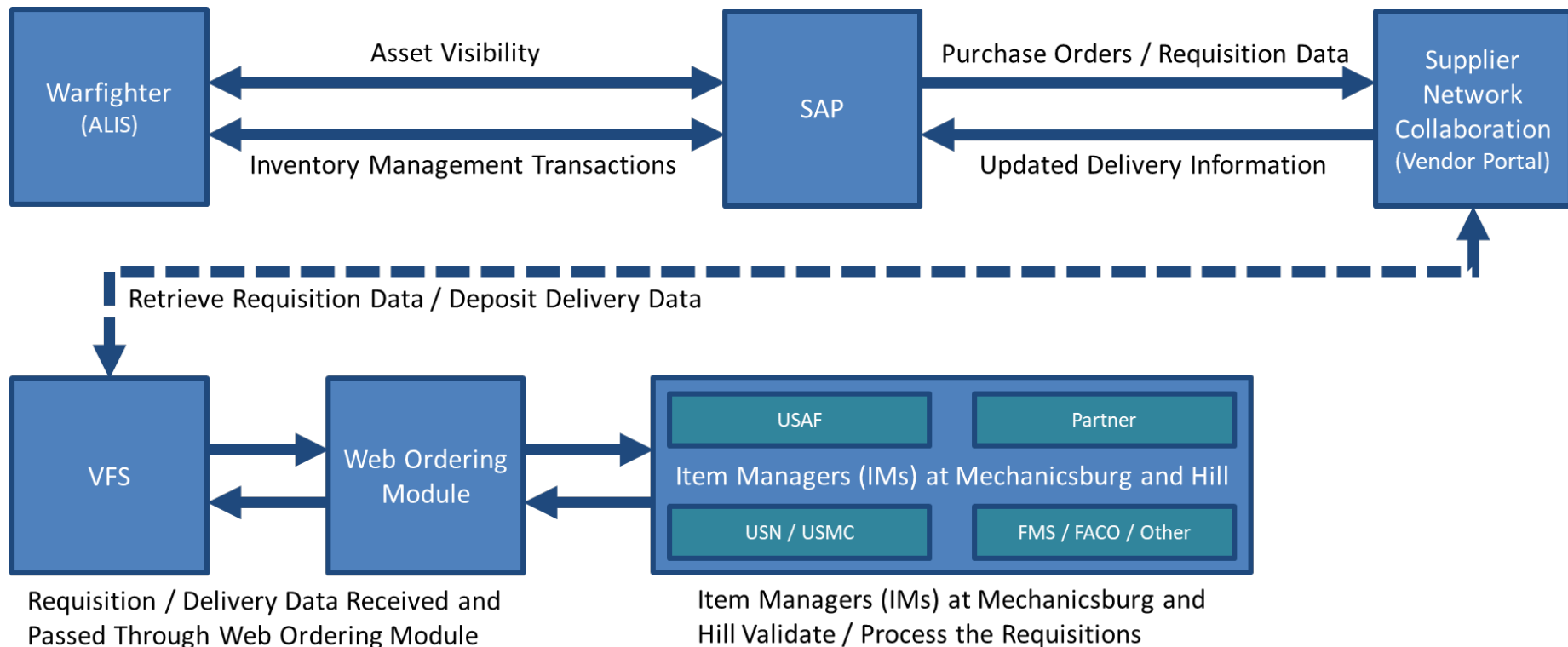
Current Plan	Implementation Guidance	Responsible Party	U.S. Government Transition Year
FY20	All previously procured stock will sustain the Fleet	Prime	FY21
FY20	Recent procured IH seat stock items will be contingency reserve	U.S. Government	FY20/21
FY20/FY21	Procuring Transparency Removal System (TRS) and Fire Protection System (FPS)	Prime	Awaiting further JPO direction

NSWC IHEODTD will serve as the consolidated stock point and PSP for CADs and PADs



# Inventory Management (cont.)

## Requisitioning Product Support Process Flow Vendor



Requisitioning product support provider process flow after transition (U.S. Government)



# Logistics Parts Flow

## NSWC IHEODTD

### Hill AFB

#### FACOs

Italy  
Japan

#### FMS

Israel  
Japan  
Korea

#### Emergency Stock Points

Various locations  
around the world

### Partners

Australia  
Canada  
Denmark  
Italy  
Netherlands  
Norway  
Turkey  
U.K.  
Belgium (New)

## Final Assembly and Check Out (FACO)

# Sustaining Engineering

**All CAD/PAD items will be cataloged with a National Stock Number (NSN)**

- Cataloging
  - 15 of 17 in Status Code “0”
- Single Pack Program
  - Items to be single pack
    - Eight cartridges to be removed from the three kits
      - Catapult Cartridge Set
  - 1-Primary Cartridge
  - 2-Secondary Cartridges

# Demilitarization (DEMIL)

- CAD/PAD are U.S. titled munitions except when installed on Partner and FMS aircraft
- DEMIL will be accomplished in CONUS unless arrangements can be worked in country for local DEMIL to reduce cost
- All users must maintain packaging for repacking unserviceable assets for DEMIL
  - USG does not stock boxes for returns
  - Reuse of packaging reduces total ownership cost over the life of the platform



# DEMIL (cont.)

- The prime contractor will maintain DEMIL responsibilities until transition is complete
  - Includes installed assets
  - CONUS and OCONUS
- USG will assume DEMIL responsibility for only DoD cataloged assets
  - Effective Jan 2020

# Summary

- We are working to meet Initial Operational Capability by Jan 2020
  - Full cataloguing of items
  - Interface between ALIS and VFS to collect and fulfill orders
  - DODAACs, shipping process, taxes, tariffs, and forward stock points
  - Requirements determination model for both production and sustainment
  - DEMIL plans

# Summary (cont.)

- Full Operational Capability has not been fully defined
  - Engineering authority during FY21
  - ALIS maturity - UNK
  - DEMIL in country - UNK
- We will be evolving and improving as we go!
- Bottom line
  - Provide “best support” to the users
  - At lower cost



# Questions?

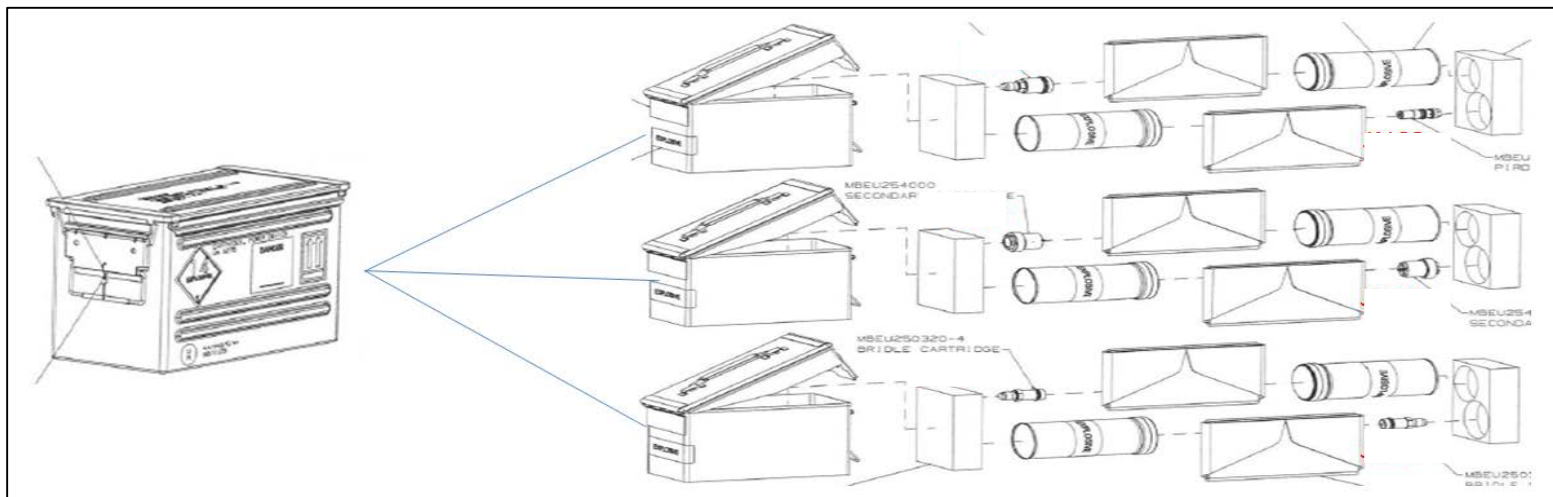


# Sustaining Engineering

## Kit Configuration

### Common Cartridge Kit

- 2- Secondary Cartridges
- 2- Bridle Release Cartridges
- 1- Drogue Deployment Cartridge
- 1- Power Inertia Reel Device Cartridge



# Sustaining Engineering

## Catapult Cartridge Set Configuration

### Catapult Cartridge Set

- 1- Primary Cartridge
- 2- Secondary Cartridges

