



CAD/PAD International Logistics Meeting (ILM)

T/AV-8B USMC Platform Status & Training

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State of the Platform

BLUF – T/AV-8B is a logistically challenged program

- Standard procurement process does not support AV-8B unique constraints
 - A-II budget exhibit (aircraft requirement), asset expiration dates, just in time
- Small fleet, low demand, diminished vendor base, obsolescence
 - Late/no bids, single lot procurement
- Energetic manufacturing complexity
 - Lot failures
 - Hardware requirements

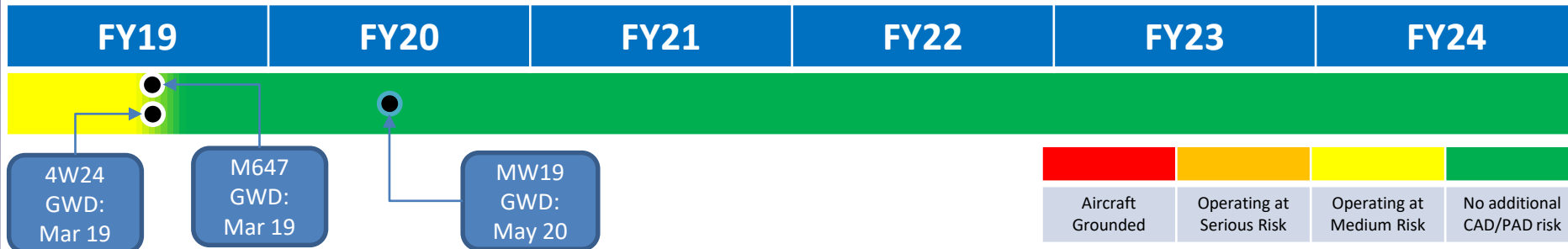


Agenda

- T/AV-8 Platform DODIC Summary
- Interim Rapid Action Changes (IRAC)
- Service Life Extensions (SLE)
- Conventional Ordnance Deficiency Reports (CODR)
- DODIC Status
- DODIC Update
- Questions



T/AV-8 CAD/PAD Summary



Critical DODICs	Issue	Potential or Current Impact
4W24 set (SU46, SU47, SU48, SU49) TAV-8B only	Late delivery, two sets in worldwide inventory	If installs are damaged extremely limited replacement stock available
M647	Sole Source with late award	If deliveries are delayed, program office coordination required for SLE
MW19 SEAWARS	Production - Sole-source supplier moved production line from California to Arizona - Lot acceptance testing failure at new production line delayed deliveries	If deliveries are delayed program office coordination required for SLE. Decreased RIK availability of stock

Actions in process to get well

- Working with PMA-257 to identify priority for change outs
- Applying Service Life Extensions to keep aircraft operational
- Longer lead times and contract options being considered

Help Needed

- Confirm/correct active aircraft information in A-II budget exhibit, including out-years
- Continue to provide funding for Aircraft above A-II quantities



IRACs

- **IRAC issued this fiscal year: 2**
- **IRAC #146 dtg P122204Z, Dec 2018**
 - DODIC M647 permanently changed the installed life from 111 to 126 months. Shelf life remains unchanged at 252 months.
- **IRAC #145 dtg P152102Z, Oct 2018**
 - DODIC M689 permanently changed the shelf life from 248 to 264 months. Change the installed life from 136 to 148 months.
 - DODIC MF21 (Rocket Motor) permanently changed the shelf life from 156 to 168 months. Installed life remains unchanged at none.
 - DODIC MG59 permanently changed the shelf life from 168 to 190 months. Installed life remains unchanged at 90 months.



IRACs (con't)

- **IRAC #145 dtg P152102Z, Oct 2018 (con't)**

- DODIC MW19 permanently changed the shelf life from 150 to 162 months for lots containing CAX only. All other MW19 lots shelf life remains unchanged at 150 months. Installed life remains unchanged at 85 months for all lots.
- DODIC XW36 permanently changed the shelf life from 96 to 108 months for lots TAC08G002-014, NTI09L002-001, NTI09L002-002, and NTI13F002-002 only. All other XW36 lots shelf life remains unchanged at 96 months. All XW36 lots installed life remains unchanged at none.



SLEs

Navy had 12,741 service life extension requests this fiscal year to date for FY19

DODIC	Approved	Approved Beyond	Limited Approval	Denied	Total
4W24	3	0	3	0	6
M596	30	0	1	11	42
M597	14	0	5	3	22
MG39	20	0	0	0	20
MG40	25	0	0	0	25
MG59	7	0	2	2	11
MG67	1	0	0	0	1
MT05	4	0	1	0	5
MT28	17	0	2	3	22
MW18	3	0	1	0	4
XW36	10	1	14	2	27
Totals	134	1	29	21	185

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CODRs

Platform has had six CODRs since last ILM (June 2018)

DODIC	Qty.	Adjudication
MG39	2	Damaged (Human Error)
MG40	2	Damaged (Human Error)
MT85	2	System worked as designed

Total Assets: 6

Replacement Cost Approximately: \$45,476.13



DODIC Status

DODIC	IHEODTD Inventory	WW Inventory	Issue	Mitigation
4W24 (SU46, SU47, SU48 & SU49)	Low	Low	<ul style="list-style-type: none"> - Sole Source Vendor - Hardware procurement delays - Shipped short on FY15 contract - 2 kits left in inventory worldwide - Backlog of Ammo Data Cards (ADC) 	Hazard Risk Analysis SLE Longer lead times (IDIQ) contracting
M647	Low	Low	<ul style="list-style-type: none"> - Sole Source Vendor - Failed Dud test - No bid on FY17 and FY18 Requirements - Backlog of ADCs 	Program Office funds to procure additional OA assets. SLEs Options on future contracts
MW19	Low	Low	<ul style="list-style-type: none"> - Sole Source Vendor - Production location change and failed FAT 	Prioritized FAT/LAT Testing



MT95 Status

- Experienced extremely high number of hung ordnance
 - Suspect lots PSI11DOO2-001 & TOS06G007-003
 - Notice of Ammunition Reclassification (NAR) was issued for AV-8 only (PSI11D002-001)
 - Successful firing upon removal of PSI lot
- Engineering Investigation was opened and being worked
 - Units are coming back to NSWC Indian Head EOD Technology Division for testing
- Similar events occurred during prior deployment
 - Proper a/c amperage, storage and handling possible cause
 - Root cause still to be determined
- CODR assignment to CAD
 - Approximately 450 additional CODRs with probable MT95 failures
 - If failure mode not clear, may require more than one CODR



What We Are Doing?

- Continue to perform ordnance assessments (OA) on all T/AV-8B assets
 - Quality control of installed assets
 - Ex. MG67 2017 Red Stripe and MT28 taken out of service grounding approximately one third of the fleet
 - Allows for SLE or a service life change (SLC)
- Prioritizing production of the most at risk devices
- Improving contract execution
- Seeking additional funds through other sources



How You Can help?

- Understand and take full advantages of the fleet returns process
- Make every attempt to get the full life out of all AV-8 units
 - Request SLEs for parameters at minimum
- Work with CAD/PAD and the program office to continue in planning priority of assets
 - (Deploying aircraft, mission specific aircraft, etc.)

Why OA ???

- MG67 OA Test



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Questions?

