



CAD/PAD International Logistics Meeting (ILM)

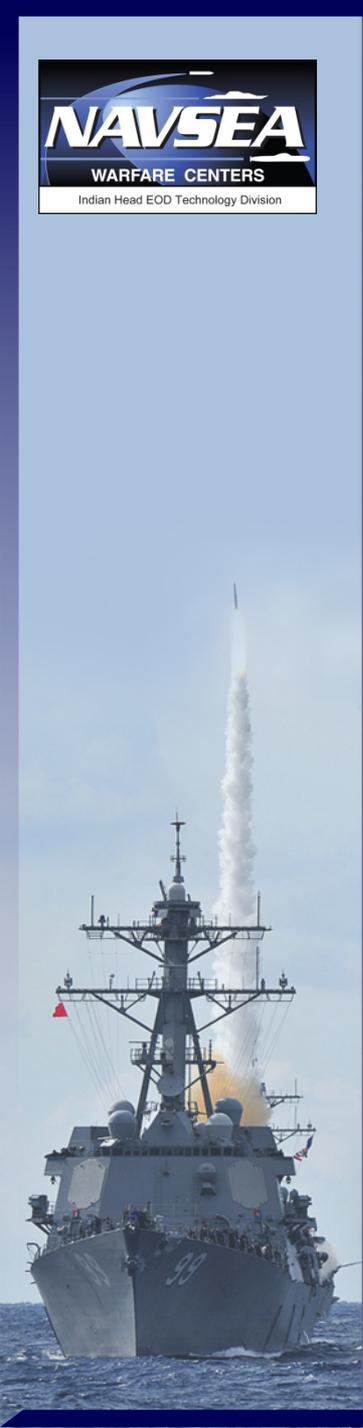
T-38/F-5/F-16 USN/MC Platforms Status and Training

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State of the T-38 Platform

- BLUF: There are items with production delays and failures.
- Thruster Cartridge and Initiator late deliveries causing backorders
- Inert items not previously identified had to be ordered to support ejection seat system. There are production delays and lot failures causing late deliveries



T-38 Agenda

- Platform Department of Defense Identification Code (DODIC) Summary
- Interim Rapid Action Changes (IRAC)
- Service Life Extensions (SLE)
- Conventional Ordnance Deficiency Reports (CODR)
- DODIC Status
- DODIC Update
- Questions



T-38 CAD/PAD Summary

FY19	FY20	FY21	FY22	FY23	FY24
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M897
Get Well Date
January 2020

Aircraft Grounded	Operating at Serious Risk	Operating at Medium Risk	No additional CAD/PAD risk

Critical DODICs	Issue	Potential or Current Impact
M897 Cartridge Actuated Thruster	Production – Primer dusting was found during X-ray review an assessment showed low risk	37 on SLE expiring between March and October 2019

Actions in process to get well

- Working with PMA to apply SLEs to keep aircraft operational
- Realistic lead times and contract options being considered

Help Needed

- None at this time



IRACs

- IRAC #145 Oct 2018
 - Permanently changed the service life of DODIC M703 from 180 shelf to 192 shelf



T-38 SLEs

Navy had 100 service life extension requests for FY19

DODIC	Approved Beyond	Approved	Limited Approval	Denied	Total
JL54	0	1	0	0	1
JN06	0	14	0	0	14
JN08	0	12	0	0	12
JN10	0	14	0	0	14
JN12	1	7	0	0	8
JN16	0	10	0	0	10
JN26	0	16	0	0	16
JN29	0	12	0	0	12
M897	6	5	0	2	13
Totals:	7	91	0	2	100



T-38 CODRs

- T-38 Platform had no CODRs since last ILM (June 2018)



T-38 DODIC Status



DODIC	IHEODTD Inventory	World-Wide Inventory	Awaiting Change Outs	Mitigation
M897	Low	Low	Mar 19 (8) Apr 19 (4) May 19 (3) Jul 19 (7) Oct 19 (15) 37 Total	Issue SLEs, Replacement stock due-in
JN11	Low	Low	Apr 19 (8)	Issue SLEs – Delivery Status Sept 2019 *Investigating Digital Inline Timer (DIT)



M897 Update

- M897 thruster cartridge, M25A1
- Service lives: 192 months shelf 168 months installed
- Production issues
 - Primer dusting, additional analysis was performed
 - X-ray shows dusting will not effect performance
 - Piston inspection end of March 2019 (passed)
- Delivery of devices are expected:
 - September 2019 (four devices) / January 2020 (34 devices)



JN11 Update

- Cartridge actuated initiator JAU-83/A 1.3 second delay
- Service life 84 months shelf, 48 months installed
- Delivery of devices are expected: To be determined
- Contractor had a recent failure of JL56 cartridge which is causing delivery delays for the JN11



F-5 Agenda

- Platform DODIC Summary
- IRACs
- SLEs
- CODRs
- DODIC Update
- Questions

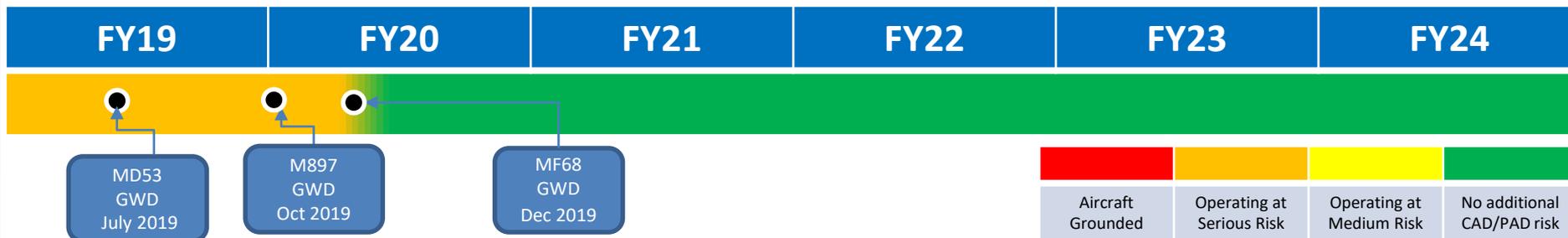


State of the F-5 Platform

- BLUF: The F-5 program is a logistically challenging with several items on backorder due to contractor shipping delays caused by lot failures
- Replacement US16J seat coming August 2019-2020
- Mitigating shortages with SLEs when test data is available



F-5 CAD/PAD Summary



Critical DODICs	Issue	Potential or Current Impact
M897 Cartridge Actuated Thruster	Production – Primer dusting was found during X-ray review an assessment showed low risk	37 on SLE expiring between March and October 2019 Further SLE's may require program office approval
MD53 Parachute Ejector Assy	Late Contract Award – FY18 requirement IDIQ awaiting vendor response Estimated Award date May 2019. FY16 requirements due-in July 2019.	SLEs processed: If deliveries are further delayed, program office coordination required for longer SLEs.
MF68 Cartridge Actuated Initiator Delay	Production – three separate contracts – late deliveries FY15, FY17 due Dec 2019. FY18 late contract award	SLEs processed: If deliveries are further delayed program office coordination required for longer SLEs.

Actions in process to get well

- Working with PMA to apply SLEsto keep aircraft operational
- Realistic lead times and contract options being considered

Help Needed

- No help needed at this time



F-5 CAD/PAD Summary



Critical DODICs	Issue	Potential or Current Impact
MF70 Cartridge Actuated Initiator	Late Contract Award FY15 requirements due; delivery date June 2019	SLEs processed: If deliveries are further delayed program office coordination required for longer SLEs
MT84 Cartridge Actuated Initiator	Production – FY15 and 17 requirements delivery delayed due to vendor backlog; estimated delivery date June 2019	SLEs processed: If deliveries are further delayed program office coordination required for longer SLEs
SP94 Rotary Actuator	Late Contract Award – FY18 requirement, IDIQ Award delay; estimated delivery date December 2019	SLEs processed -If deliveries are further delayed program office coordination required for longer SLE

Actions in process to get well

- Working with PMA to apply SLEs to keep aircraft operational
- Realistic lead times and contract options being considered

Help Needed

- Elevate contract deliveries



IRACs

- F-5 had one IRAC issued this fiscal year
- IRAC #146 Dec 2018
 - Permanently changed the service life of DODIC MH59 from 156 shelf life to 180 shelf life



F-5 SLEs

Navy had 89 SLE requests for FY19

DODIC	Approved Beyond	Approved	Limited Approval	Denied	Total
M710	2	2	0	0	4
M897	10	30	5	1	46
MD53	0	5	0	0	5
MF68	0	1	0	0	1
MG47	0	5	0	0	5
MH59	0	3	0	0	3
MT84	0	16	0	1	17
SP94	1	7	0	0	8
Totals	13	69	5	2	89



F-5 DODIC Status



DODIC	IHEODTD Inventory	World-Wide Inventory	Awaiting Change Outs	Mitigation
M897	Low	Low	Mar 19 (8) Apr 19 (4) May 19 (3) Jul 19 (7) Oct 19 (15) 37 Total	Issue SLEs; no replacement stock due-in Jan 20
MD53	Low	Low	Jun 19 (1) Aug 19 (1) Oct 19 (2) 4 Total	Issue SLEs; no replacement stock due-in July 19
MF68	Low	Low	Jun 19 (1) 1 Total	Issue SLEs; no replacement stock due-in Dec 19
MF70	Low	Low	Aug 19 (1) 1 Total	Issue SLEs; no replacement stock due-in June 19
MT84	Low	Low	May 19 (5) Nov 19 (7) 12 Total	Issue SLEs; delivery status June 2019
SP94	Low	Low	May 19 (5) Nov 19 (7) 12 Total	Issue SLEs; delivery status Dec 2019



F-5F (Existing Seat)

Seat Type	Designation
14-70202-507	FWD
14-70202-509	AFT
8867632-10	FWD
8867632-20	AFT

F-5F and F-5N (New Seat)

Seat Type	Designation
US16T-1	FWD
US16T-2	AFT



F-5F and F-5N (Existing) CAD/PAD listing



DODIC	ITEM NAME
JL96	Rocket Catapult
M700	Cartridge Actuated Initiator
M703	Cartridge Actuated Delay Initiator
M710	Cartridge Actuated Delay Initiator
M897	Cartridge Actuated Thruster
MD47	Delay Cartridge
MD53	Parachute Ejector Assembly (Drogue Gun)
MD66	Impulse Cartridge
MF08	Impulse Cartridge
MF68	Cartridge Actuated Delay
MF69	Cartridge Actuated Initiator



F-5F and F-5N (Existing) CAD listing

DODIC	ITEM NAME
MF70	Cartridge Actuated Initiator
MF71	Cartridge Actuated Initiator
MG47	Cartridge Actuated Initiator Delay
MH59	Cartridge Actuated Initiator
MS15	Rocket Catapult
MT84	Cartridge Actuated Initiator
MT95	Impulse Cartridge
MU23	Delay Cartridge
MU96	Deploy Actuator Kit
SP94	Rotary Actuator
SS35	UWARS Parachute release assy
ZY57	Booster Cartridge



F-5F and F-5N (New) CAD listing

DODIC/PN	ITEM NAME
JL54	Cartridge Assembly Time Delay 4.0 second
JL55	Cartridge Assembly Drogue (DDU)
JL62	Cartridge Assembly (PIRD)
JL65	Cartridge Assembly Manual override
JN06	Cartridge Assembly seat initiator
JN08	Cartridge Assembly Time Delay
JN13	Under seat Rocket Motor Front
JN14	Under seat Rocket Motor AFT
JN16	Cartridge Assembly Head Box Deployment Unit
JN26	Cartridge Assembly Main Gun
JN29	Cartridge Assembly Secondary



F-5F and F-5N (New) CAD listing

DODIC/PN	ITEM NAME
SS34	UWARS Parachute Release Assy (FROST)
XW50	Cartridge Assembly Barostatic Time release
MBDT41040X	Digital Inline Timer
MBDT42085X	Digital Inline Timer
MBDT52130X	Digital Inline Timer



State of the F-16 Platform

- BLUF: There are items on backorder due to contractor lot failures which result in late deliveries
- Cataloging of the F-16 items has been very difficult due to Navy electro static discharge (ESD) testing requirement. Non-cataloged items hinder shipments to Naval Air Station Fallon, Nevada
- The Navy F-16 CADs are procured through the Air Force. The Air Force does not require ESD testing

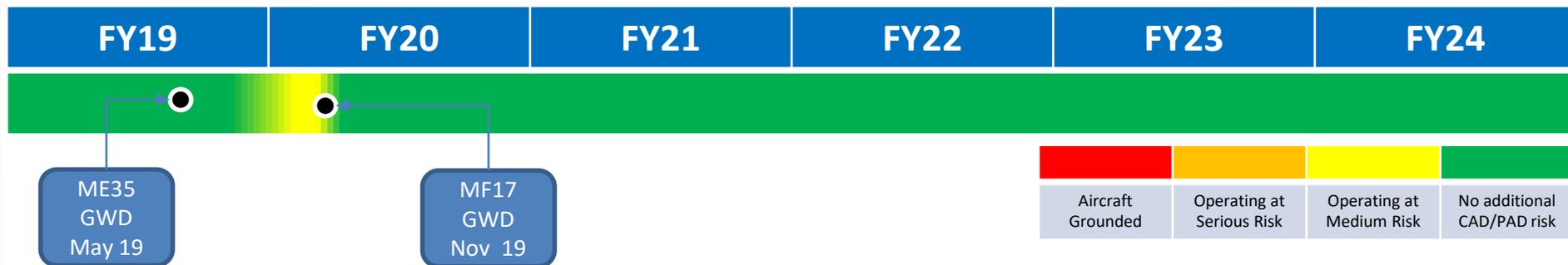


F-16 Agenda

- Platform DODIC Summary
- IRACs
- SLEs
- CODRs
- DODIC Status
- DODIC Update
- Questions



F-16 CAD/PAD Summary



Critical DODICs	Issue	Potential or Current Impact
ME35 Detonation Transfer Assy (DTA)	Financial – FY18 requirement awarded late because of increased N-ray costs	SLEs: If deliveries are delayed program office coordination required for longer SLEs
MF17 DTA	Production – FY14 requirement delayed due to vendor backlog (SCID lines)	SLEs: If deliveries are delayed program office coordination required for longer SLEs

Actions in process to get well

- Working with PMA to apply SLEs to keep aircraft operational
- Longer lead times and contract options being considered

Help Needed

- No help needed at this time



IRACs

- F-16 had one IRAC issued this fiscal year
- IRAC #145 issued December 2018
 - Permanently changed the service life of DODIC MD88 from 126 shelf 126 service to 84 shelf 84 service
 - Permanently changed the service life of DODIC MF09 from 240 shelf 180 service to 240 shelf 150 service
 - Permanently changed the service life of DODIC MF10 from 240 shelf 180 service to 240 shelf 150 service



F-16 SLEs

Navy had 48 SLE requests for FY19

DODIC	Approved Beyond	Approved	Limited Approval	Denied	Total
JN20	0	1	0	0	1
M758	0	1	0	0	1
MD88	0	17	0	0	17
MD89	0	1	0	0	1
MD98	0	1	0	0	1
MD99	0	1	0	0	1
ME35	4	1	0	0	5
MF17	0	2	0	0	2
MJ07	0	3	0	0	3
MJ08	0	0	1	0	1
MJ09	0	2	0	0	2
MT32	0	5	0	0	5
SG78	0	1	0	0	1
WA93	0	1	0	0	1
ZY46	0	1	0	0	1
ZY56	0	5	0	0	5
Totals	4	47	1	0	48



F-16 DODIC Status

DODIC	IHEODTD Inventory	World-Wide Inventory	Awaiting Change outs	Migration
ME35	Low	Low	Aug 19 (33)	Issue SLEs; delivery status November 2019
MF17	Low	Low	July 19 (2)	Issue SLEs; delivery status May 2019
MT84	Low	Low	Aug 19 (1) Sep 19 (1) Oct 19 (1) Dec 19 (5)	Issue SLEs; delivery status April 2019
MU23	Low	Low	June 21 (43)	Issue SLEs; delivery status April 2019



Questions?

