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F-35 Lightning II Program Office JSFPO Deficiency Review Board (JDRB) Minutes 04 June 2018

Attendees

JSF Board Members:

Joe Krumenacker (JSF D-DOE, Chair)
Giselle Soto Gil (JSF Deficiency Reporting Mgmt Lead)
Zach Hunt (CSS, JSF DR Data Analyst)
Ryan Lavender (CSS, AV Structural Certification Support)
Brad Jensen (CSS, OT&E Suitability Test Support)
Lt Col Brent "Tubbs" Ritzke (Test Mgmt Lead)
Scott Ellis (CSS, I/O Verification, Test & Cert Analyst)
Kevin Fischer (CSS, Verification Exec & Spec Closure)
Henson Rara (CNI Deputy/Engineer)
Kim Denney (Mission Systems Integration Team Lead)
Beth Christensen (AV U&S Deputy Engineer)

SERVICE Reps:

Lt Col Jennifer "Shaka" Fujimoto

EDW ITF Board Members:

Dan Stevenson (ITF Chief Engineer, Chair)
Ryan Severs (MS System Lead, Co-Chair, Proctor)
Gus Christou (AV U&S Lead)
Anthony Kitsch (Datalinks I/O Systems Lead)
Brenda Haslup (Human Factors Systems Lead)
Paul Cook (Radar Systems Engineer)
Brian Baird (Deficiency Data Analyst, Proctor)
Jayna Coleman (DR Data Analyst)

JOTT Board Members:

Maj Ryan "Goat" Roper (D&I Chief, JOTT Chair)
Richard Short (Deficiency Data Analyst, Proctor)
Mark Haase (OT Technical Advisor)

LM-Engineering:

Sarah Fields (ITF assigned LM Chief Engineer)

PAX ITF Board Members:

Lt Col Gary Shill (ITF Site Director)
Rick Wetmore (JDRIS Manager)
Kristi Baker (JDRIS Manager)

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Report Nu	Title	Variant	Life Cycle Code (LCC)	Status Code	Cat	Sev	Loc	Service Priority Rollup	JDRB Notes: JPO/IPTs
S014UNUS01-1-23953320	DART pod limitations for OT are less than the flight envelope of the aircraft	ALL	JC	OAFV	CAT II	High	EDW-USAF	1	XJDRB 06/4/2018: OAFV/CAT II High - Per site recommendation, the board downgraded this issue from CAT I Medium to CAT II High. CV SLS has been approved and FSD is expected to release ~21 June 2018. Ryan Lavender provided the following in an email from 4 June 2018: "6/4/2018: Expanded DART envelope is in the F-35C SLS that was just approved. That FSD is supposed to be released with the next F-35C IFC. F-35 Class Desk has that slated for 21-Jun 3/28/2018: DART was expanded for the F-35B with the latest FSD release to the required 3F envelope. Recommendation memo from AFSEO was provided for the F-35A 26 March 2018. The F-35C is still flying to 2B/3i envelopes and thus so is DART. This is anticipated to change in early summer (June 2018)" //
SOU-1-7890641	IFF emergency squawk fails to automatically initiate upon ejection	ALL	JV	NPTC	CAT II	High	PX	Reviewed	XJDRB 06/4/2018: NPTC/CAT II High - Board moved to change status to no plan to correct and downgraded from CAT I High to CAT II High. SME Henson Rara had coordinated with Fred Heather and supported board decision. //

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Agenda/Decision Details (Full Deficiency Reports (DRs) can be viewed via ALIS CRM or LIST)

Report Nu	Title	Variant	Life Cycle Code (LCC)	Status Code	Cat	Sev	Loc	Service Priority Rollup	JDRB Notes: JPO/IPTs
1-4901130	BRU Positive Arm Latch Not Retaining Lanyard	ALL	JH	ONPC	CAT II	Medium	PX	Reviewed	XJDRB 06/4/2018: ONPC CAT II Med - Board determined to downgrade from CAT I High to CAT II Med, with status of Open No Current plan to Correct remaining. Approved JTD formalized work around. //
S000UNUS03-1-17864681	Excessively Low Roll Rate at High Q-Bar Conditions in R31.1 Software	CTOL	JV	NPTC	CAT II	High	ED	Reviewed	XJDRB 06/4/2018: NPTC/CAT II High - Board updated status to no plan to correct and downgraded from CAT I High to CAT II High based on higher roll rates verified in flight test. ITF AV team will follow up with information on Flts 544 and 545. //
S000UNUS03-1-20515831	Low default volume setting of dangerous condition tone	ALL	JV	CORR	CAT I	Medium	PX	Reviewed	XJDRB 06/4/2018: CORR - ADMIN ACTION ONLY. Board concurred with stalled review recommendation of corrected and CAT I status. //
S000UNUS03-1-21978101	Excessive Nz Transients during F-35C Taxi Mask Ground Controllability Issues	CV	JH	ONPC	CAT II	High	ED	1	XJDRB 06/4/2018: ONPC/CAT II High. Per direction from the F-35 DOE and concurrence from the sites, this issue has been downgraded from CAT I High to CAT II High. //

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Report Nu	Title	Variant	Life Cycle Code (LCC)	Status Code	Cat	Sev	Loc	Service Priority Rollup	JDRB Notes: JPO/IPTs
S000UNUS03-1-21675611	GDR # 76	*	JC	OASV	CAT II	Medium	ED	2	XJDRB 06/4/2018: OASV/CAT II Medium - Board determined status change to open awaiting software verification slated for 30R04, and downgraded from CAT I Medium to CAT II Medium. //
S000-20170405-190831123	GDR # 158 - US ONLY	ALL	JC	OASV	CAT II	High	ED	1	XJDRB 06/4/2018: OASV/CAT II High - Board agreed to downgrade from CAT I High to Cat II High. Slated for 30R02.02 Release. //
S000-20170207-001109825	GDR # 143 - US ONLY	ALL	JC	OAFV	CAT II	High	ED	1	XJDRB 06/4/2018: OAFV/CAT II High - Board approved status change to open awaiting fix verification as this issue has been addressed again in 30R02. Results of those efforts still pending evaluation. Board determined to downgrade from CAT I High to CAT II High. //
S000-20171027-223936016	Incorrect Usable Fuel Calculation during Trap Fuel Condition	CTOL	JC	OAFV	CAT II	High	ED	2	XJDRB 06/4/2018: OAFV/CAT II High. Board approved status change to open awaiting fix verification in VS & S SW 42.1 (30R02) and per F35 DOE direction and concurrence from the sites, this item was downgraded from CAT I High to CAT II High. ITF believe that issue is more of a trapped fuel condition more so than indication anomaly. EAFB does not have a method to verify fix. Verification must either be done with hardware in the loop SIM or LM to provide a method to check at AFTC. //

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Report Nu	Title	Variant	Life Cycle Code (LCC)	Status Code	Cat	Sev	Loc	Service Priority Rollup	JDRB Notes: JPO/IPTs
S000-20170516-170537028	GDR # 168	ALL	JC	OASV	CAT II	High	ED	2	XJDRB 06/4/2018: OASV/CAT II High - Board determined status should be upgraded to open awaiting software verification as this item is slated to be address in 31RXX.XX. ACTION to EDW/JOTT to have a joint discussion and provide consensus regarding the ITF belief that the issue is safety related. Outcome from that meeting is to be provided to Joe Krumenacker. Email from Ryan Severs dated 06 June 2018 confirmed downgrade from CAT I High to CAT II High after discussion with DT/OT pilot community. //
S014UNUS01-1-24955231	Software Design Inhibits use of Key (NC PRI Type) Combat ID Discriminator in 2B ASQ-239 EW System	ALL	JF	OUIIN	CAT II	Medium	EDW-USAF	2	XJDRB 06/4/2018: OUIIN/CAT II Medium - Board determined to downgrade from CAT I Medium to Cat II Medium. //
S014UNUS01-1-30149123	EOTS Cursor Slew Switch (CSS) mech. prevents smooth manual tracking, and leading, of moving targets.	ALL	JC	OAFV	CAT II	High	EDW-USAF	2	XJDRB 06/4/2018: OAFV/CAT II High - Board determined status as open awaiting fix verification due to projected mitigation coming in 30R02. CAT was downgraded from CAT I Medium to CAT II High. //
S000UNUS03-1-20091991	Air-Air Next-to-Shoot (NTS) Transfers to Alternate Tracks	ALL	JV	CORR	CAT I	Medium	ED	1	XJDRB 06/4/2018: CORR - Board agreed to close as corrected based on improvements in 3F SW per discussion at 29 May 2018 JDRB. ITF directed to input fix verification data and close report ASAP with status of CORR. CAT remains unchanged. //

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S014UNUS01-1-30265721	Laser on trigger is unsafe	ALL	JH	ONPC	CAT II	High	EDW-USAF	1	XJDRB 06/4/2018 ONPC/CAT II High - Board downgraded from CAT I High to CAT II High. The JOTT would like additional service input to help cage the continued importance of this issue. Item will be added to 13-14 June Service SCRUB Agenda for discussion. //
S000UNUS03-1-22732471	Arresting Hook Up-Swing Damage	CTOL	JF	OUIIN	CAT II	High	ED	2	XJDRB 06/4/2018: OUIIN/CAT II High. Per F35 DOE direction and concurrence from the sites, this item has been downgraded from CAT I Medium to CAT II High. ACTION to Beth Christensen/Ryan Lavender to follow up on status of procedures for non-emergency engagements and obtain Impact/Maintenance Assessment and repair/replace cost information to help understand the definition of "major damage" vs "non-major damage" and inform future decisions regarding this issue. //
S000UNUS03-1-23004971	Limited Utility of Paveway IV SIM REL	STOVL	JF	OUIIN	CAT II	Low	ED	2	XJDRB 06/4/2018: OUIIN/CAT II Low - Board determined to downgrade item from CAT I High to CAT II Low. Will be considered for status change to close as corrected once FSD change has been confirmed as satisfactory/complete. //

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S014UNUS01-1-30151471	Inability to readback target coordinates from JDAM weapons.	ALL	JH	ONPC *	CAT II	High	EDW-USAF	2	XJDRB 06/4/2018: ONPC*/CAT II High - Board downgraded from CAT I High to Cat II High. ACTION to JOTT to work with 31 TES and determine if the JTD has been updated. AVIO IPT is to ensure that this item is slated for FSD update. //
S000UNUS03-1-21676233	GDR # 78	ALL	JV	NPTC	CAT II	High	ED	2	XJDRB 06/4/2018: NPTC/CAT II High - Board determined this issue to be closed no plan to correct and downgraded from CAT I Medium to CAT II High based on low service rating. //
S000UNUS03-1-20920941	GDR # 70	ALL	JV	NPTC	CAT II	High	ED	2	XJDRB 06/4/2018: NPTC/CAT II High - JPO Board Chair decision to downgrade from CAT I High to CAT II High. //
S014UNUS01-1-28528203	WPN Door ICAW causes alert launch failure	*	JH	ONPC	CAT II	High	EDW-USAF	2	XJDRB 06/4/2018: ONPC/CAT II High - Board downgraded from CAT I High to CAT II High. The JOTT will confer with 31 TES and plans to bring it to their next SDRB. //

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Action Items

Action Item Nu	Action	POC	Suspense	Deficiency Report Nu
1	Beth Christensen and AV IPT to work with BAE/JPO System Safety to obtain background information and rationale for current categorization and to determine safety rating that will inform future board decisions regarding downgrade CAT of this item.	Beth Christensen/AV IPT	25 Jun 2018	6016
2	Beth Christensen/Ryan Lavender to follow up on status of procedures for non-emergency engagements and obtain Impact/Maintenance Assessment and repair/replace cost information to help understand the definition of "major damage" vs "non-major damage" and inform future decisions regarding this issue	Beth Christensen/Ryan Lavender/AV IPT	25 Jun 2018	2471
3	JOTT to work with 31 TES and determine if the JTD has been updated.	JOTT Team	25 Jun 2018	1471
4	AVIO IPT is to ensure that this item is slated for FSD update.	Kim Denney/AVIO IPT	25 Jun 2018	1471

Deficiency Status Code Definitions:

OIND - Open, In Dispute
OUIN - Open under Investigation
OECF - Open Awaiting Engineering Change Proposal
OAF - Open Awaiting Funds
OAFV - Open Awaiting Verification
OASV - Open Awaiting Software Verification
ONPC - Open, No (Current) Planned Correction

NPTC - No Plan to Correct
CORR - Corrected and Verified
CANX - Cancelled

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