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AGENDA 7 October 1965

BLACK SHIELD Meeting

1. Lockheed:

- a. Aircraft 126, 127, 128 flight and maintenance problem experience since Debug Mod including corrective actions.
- b. Proposed actions to reduce number of false indicator readings and warning lights including ECP status of Airesearch oil pressure transmitter.
- c. Recent organizational/procedural steps taken or contemplated to strengthen BLACK SHIELD maintenance/inspection.
- d. Aircraft 125, 130, 131 Debug Mod status and schedules.
- e. Aircraft 121, 122, 129 Flight Test status/progress since programs outlined at 2 September meeting.
- f. Status LAC portion of EGT Error Gage and fully automatic trim.
- g. Experience and problems related to standby attitude indicator horizon reference.
- h. Spares Support - Current actions to alleviate critical parts shortage as associated with article 127.

2. Pratt and Whitney:

- a. List by serial numbers engines designated for BLACK SHIELD deployment.
- b. Updating of all BLACK SHIELD status charts including urgent and desired changes.
- c. Engine vibration problems on engine 213 in left side article 126 after flight 87.
- d. Nozzle fluctuation problems experienced on engines numbers 247, 224, 213 in left side, article 126.

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- e. Progress of tests in article 122 to investigate number 3 bearing compartment oil seal leakage problem.
- f. Ground stall problems on engine number 307 in article 129.
- g. Progress of flight test program on strain gaged first stage compressor rotor in article 121.
- h. Status of fully instrumented inlet cases to investigate installed compressor face distortions.
- i. Development status of auto trimmer.

25X1 3.



- a. Aircraft 126, 127, 128 Detachment flight experience and sortie effectiveness summary including primary flight and maintenance problem areas.
- b. Action contemplated to strengthen contractors/ Detachment communications concerning pre-flight briefings and procedures.
- c. Status of progress toward completion of BLACK SHIELD Test and Validation Plan.



25X

- 4. Camera Contractors:
PE, EK, Hycon Test Results.
- 5. Minneapolis-Honeywell:
Aircraft 132 Test Results.

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OXC-9357-65

DECISIONS AND ACTIONS

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[redacted] Mission planning coordination will take place between [redacted] for incorporation of weather effects.

[redacted]

3. Ejection seat and canopy safety pin stowage modification (SB 946) will be incorporated in all BLACK SHIELD aircraft asap.

4. Boom Interphone modification will not be made to aircraft 126, 127, 128 prior to deployment. It will be made to aircraft 125, 130, 131, 132 prior to their deployment.

5. Battery switch modification (SAM 67) will be made to all BLACK SHIELD aircraft on an aircraft available basis.

6. Headquarters Materiel Division will provide four self contained standby attitude indicator units for Detachment evaluation.

7. Pratt & Whitney agrees to provide six (zero time) BLACK SHIELD engines by 15 December 1965, two more by 1 January 1966, and two additional by 1 February 1966.

8. Headquarters Field Activities will coordinate with General Geary for installation of TACAN capability in the tankers.

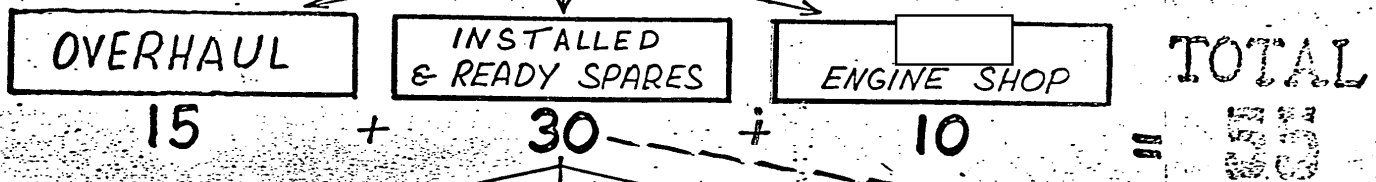
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Blackshield Engine Status

ENGINE NO.	PRESENT LOCATION	FLAT 2ND COMP. DISC	SHIMMED 1ST COMP. BLADES	"FROSTY" HSD MAIN FUEL CONTROL	MAIN GEARBOX VIBRATION CHECK	"J" BURNER CANS	REDESIGNED A/B ACTUATOR MANIFOLD	HARDFACED 2ND TURB. BLADES	INCREASED COOLING 1ST TURB. VANES	REVISED HYD. RETURN TUBE	"J" A/B	ROTARY RESET A/B FUEL CONTROL	RE-XRAY 2ND TURB. BLADES	FUEL DILUTEMENT KIT	REVISED NO. 3 COMP. & VENTED BREATHER
213	126 L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓	VENT BOTH ONLY
238	126 R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	✓	VENT BOTH ONLY
229	127 L	✓	✓	✓	NA	✓	✓	✓	✓	✓	✓	✓	NA	✓	BOTH ✓
227	127 R	✓	W	✓	✓	Δ	✓	✓	✓	✓	✓	✓	✓	✓	VENT BOTH ONLY
248	128 L	✓	✓	BX	✓	Δ	✓	✓	✓	✓	✓	✓	NA	✓	VENT BOTH ONLY
211	128 R	✓	✓	✓	✓	Δ	✓	✓	✓	✓	✓	✓	✓	✓	VENT BOTH ONLY
205	SPARE	✓	✓	✓	NA	✓	✓	✓	✓	✓	✓	✓	NA	✓	BOTH ✓
214	SPARE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	VENT BOTH ONLY
224	SPARE	✓	✓	✓	NA	✓	✓	✓	✓	✓	✓	✓	NA	✓	BOTH ✓
233	TEST	✓	✓	✓	NA	✓	✓	✓	✓	✓	✓	✓	NA	✓	BOTH ✓

NA - NOT APPLICABLE W - WASPALOY BLADES BX - BENDIX MAIN FUEL CONTROL
 Δ - 5 DAYS AFTER ENGINE MADE AVAILABLE OR REPLACEMENT WITH ALL FEATURES PROVIDED
 GS1023

55 "Y" ENGINES

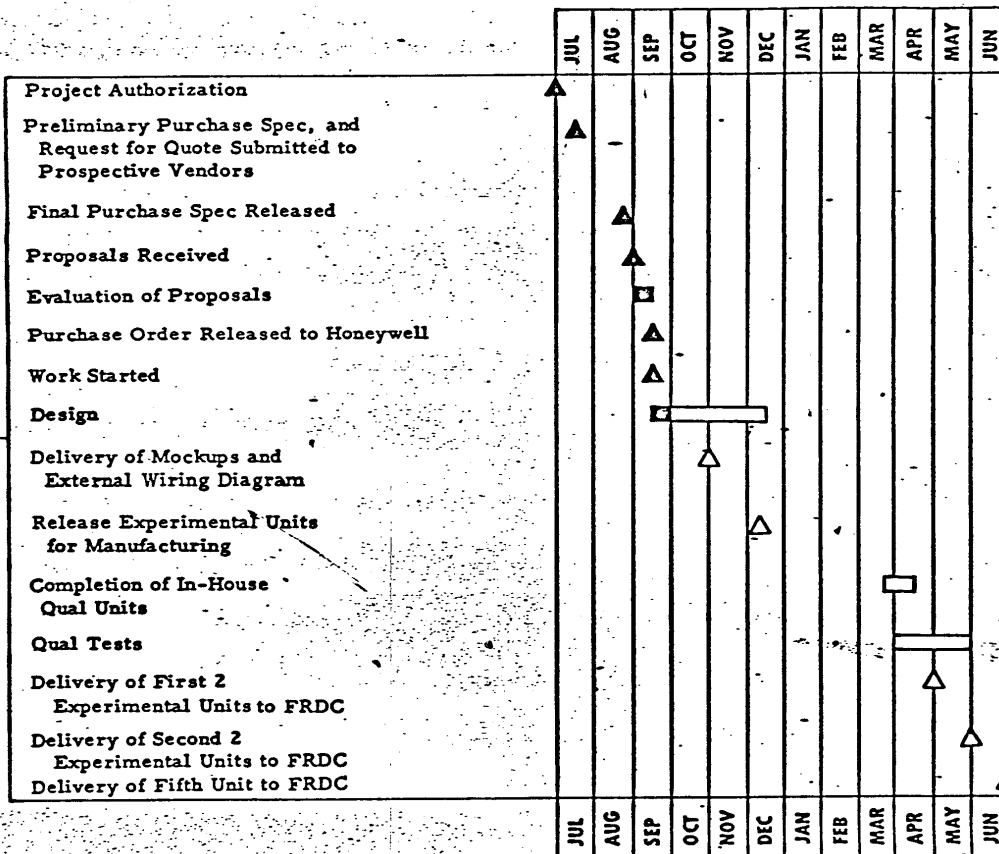


BLACKSHIELD (VALIDATION)		EAFB
126 - 2	121 - 2	1001 - 2
127 - 2	122 - 2	1002 - 2
128 - 2	125 - 2	1003 - 2
<hr/>	129 - 2	
INSTALLED - 6	130 - 2	
	131 - 2	
SPARES - 4	132 - 2	
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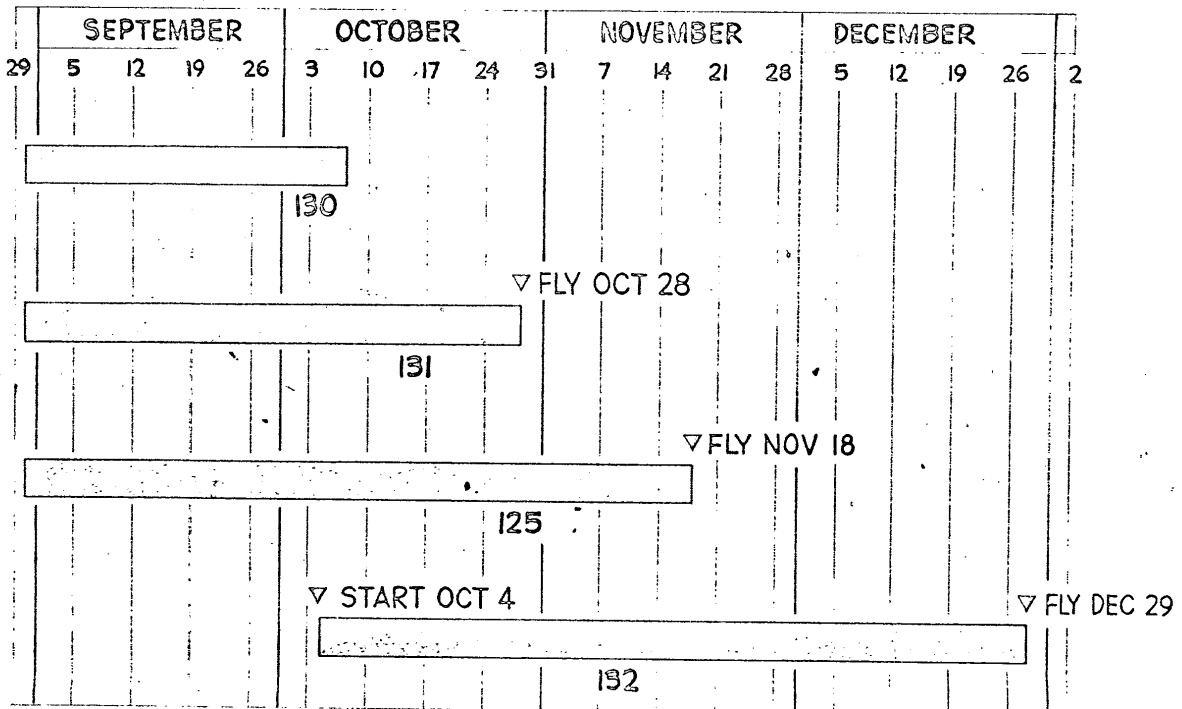
TOTAL - 10 + INSTALLED - 14 + INSTALLED - 6 = 30

651510
651025

Automatic Trimmer Status



FOLLOW ON MODIFICATION SCHEDULE



LOCATION: CC/OSA BRIEFING ROOM

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OXCART

OXC 9670
COPY 7

IRON MAIDEN CPX BRIEFING SCHEDULE
H-HOUR (NX 508A) 07/1500Z/1000L
H-HOUR (NX 508B) 08/1815Z/1315L
H-HOUR (NX 509A) 09/1500Z/1000L

DATE/TIME(L)	BRIEFING TITLE	PARTICIPATION									
		SD	ID	SS	MD	CC	WS	AUTO	PLANS	C&FE	SAL
05/1500L	PRE-ALERT INFO/WX BRIEFING (NX 508A)	X	X	X	X	X	X	X	X	X	X
07/0500L	GO-NO-GO TNKR/A-12 BRIEFING (NX 508A)		X	X		X	X	X			
07/1115L	PRE-ALERT WX BRIEFING (NX 508B)		X	X		X	X	X			
08/0715L	GO-NO-GO TNKR WX BRIEFING (NX 508B)		X	X		X	X	X			
08/0800L	PRE-ALERT WX BRIEFING (NX 509A)		X	X		X	X	X			
08/1115L	GO-NO-GO A-12 WX BRIEFING (NX 508B)		X	X		X	X	X			

1. D/FA/OSA AND OXC/OSA WILL CONDUCT/ATTEND ALL BRIEFINGS.
2. ADDRESSEES WILL BE NOTIFIED BY TELEPHONE OF CHANGES TO ABOVE.

DISTRIBUTION:

- | | | |
|----------------|-----------------|---------------------|
| #1 - D/SA | #8 - C&FE/OSA | #15- D/FA/PLANS/OSA |
| #2 - D/FA/OSA | #9 - AUTO/OSA | #16- SAL/OSA |
| #3 - AD/FA/OSA | #10- WS/OSA | #17- RB/OSA |
| #4 - OXC/OSA | #11- D/TECH/OSA | #18- CHRONO |
| #5 - OXC/OSA | #12- ID/OSA | |
| #6 - CC/OSA | #13- ASD/OSA | |
| #7 - MD/OSA | #14- SD/OSA | |

OXCART
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MW
JL

Left
12/30/65

Black Shield Meetings