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LOCKHEED CALIFORNIA COMPANY
RESEARCH & DEVELOPMENT DIVISION

NAME
MODEL
REPORT NO

959

DATE	FLT. NO.	PILOT RSD	T.O. LAND	FLT. TIME	TOTAL TIME	MAX. ALT.	MAX. MACH	HOT LEGS	ENGINE S/N L R	TEST OBJECTIVES	REMARKS
11 DEC 75	270	GREENAMYER BELGAU	1200 1430	1.5	790.6	35.0	1.27	—	384 342	MIN. CNTRL. SPD. BUILDUP, 1 G AIRLOADS, STRUCT. MANEUVERS, STABILITY CHECKS.	BIG TAIL STAYED IN UP POSITION THROUGHOUT FLIGHT.
8 JAN 76	271	GREENAMYER BELGAU	1158 1423	2.4	793.0	45.0	1.27	—	" "	PULLUPS & PUSHOVERS, 1 G AIRLOADS, DYNAMIC STABILITY CHECK.	ALL ITEMS ACCOMPLISHED BUT AMPPEX RC DR. DIDN'T GET TURNED ON.
15 JAN 76	272	GREENAMYER BELGAU	1017 1169	1.8	794.8	46.0	1.29	—	" "	" " " " " " " " " " " "	WEATHER KEPT TRK. GROUNDED. ALL ITEMS ACCOMPLISHED ANYHOW EXCEPT 2.6 POINT.
22 JAN 76	273	GREENAMYER BELGAU	1026 1211	1.8	796.6	69.0	2.83	—	" "	PUSHOVERS, PULLUPS, 1 G AIRLOADS, TAIL DEFLECT AT 2.6.	OBJECTIVES ACCOMPLISHED.
28 JAN 76	274	GREENAMYER BELGAU	1157 1401	2.1	798.7	75.0		1	" "	PUSHOVERS, PULLUPS, PITCH STAB. @ 2.4, TAIL DEFLECT, 1 G AIRLOADS DES MIN. CNTRL. SPEED	OBJECTIVES ACCOMPLISHED. ALL FUEL PUMPS ON AT SAME TIME AT ONE POINT.
6 FEB 76	275	GREENAMYER BELGAU	1246 1523	2.6	801.3			1	" "	PULLUPS, PUSHOVERS, 1-G AIRLOADS, TAIL WIGGLE, PITCH & LAT. DYN. STAB, MN CONT. SPD, MANEUV. STAB.	FLOWN AS PLANNED. 11 MIN. AT DES
18 FEB 76	276	GREENAMYER BELGAU	0953 1105	1.2	802.5	70.0	2.83	—	" "	PULLUPS, PUSHOVERS	FLIGHT ABORTED AT 2.8 MN BECAUSE "B" PITCH SAS FAILED
25 FEB 76	277	GREENAMYER BELGAU	0941 1114	1.5	804.0			1	" "	PULLUPS, PUSHOVERS, TAIL DEFLECT, PITCH & LAT-DIR. STAB, TURNS & ALT COMPARISON	FLT ABORTED PRIOR TO TANKER HOOK UP BECAUSE OF RT ENG NOZ FLUCTUATIONS
3 MAR 76	278	GREENAMYER BELGAU	0956 1333	3.6	807.6			2	" 392	PULLUPS, PUSHOVERS, TAIL DEFLECT, PITCH & LAT-DIR STAB, & 2 LEG CRUISE	TAIL FAILED FULL DN IN AUTO-FAIRED MANUALLY
10 MAR 76	279	GREENAMYER BELGAU	1034 1154	1.3	808.9	80.0		1	" "	PULLUPS, PUSHOVER, & TURN	TAIL FAILED FULL UP IN MANUAL AND CYCLED IN AUTO
21 APRIL 76	280	GREENAMYER BELGAU	1210 1534	3.4	812.3			2	" "	PULLUPS, PUSHOVERS, TURNS	OBJECTIVES ACCOMPLISHED. MAX RANGE CRUISE NUMBERS SAME AS BOOK.
28 APRIL 76	281	GREENAMYER BELGAU	1055 1318	2.4	814.7			1	" "	PULLUPS, PUSHOVERS, TURNS, YAW STABILITY	OBJECTIVES ACCOMPLISHED. LAST FLT. FOR DARRIL.
5 MAY 76	282	PUGH CARNOCHAN	1040 1209	1.5	816.2	77.3	3.0	1	" "	DEF J, 24" OBC IN NOSE, YAW SAS STABILITY	NO YAWS.
18 JUNE 76	283	PUGH FRAZIER	1544 1634	0.9	817.1	25.0	0.9	—	" "	FCF, TAIL OBC, CHINE OBC, DEF J, TAIL S.O. VALVE, OIL PR. XMITT, N.C. XFORMER, HYDRO LINE	FLEW SUBSONIC ONLY DUE TO LATE T.O. ACCOMPLISHED SEALS, PRESS. REGS. ONLY SUBS. FCF.
24 JUNE 76	284	RIEDENAUER CARNOCHAN	0900 1152	2.4	820.0	30.0	0.95	—	" "	A2, TAIL & CHINE OBC, YAW SAS STAB, OIL PR. XMITT, N.C. XFORM, HYD. LINE SEALS, PR, REGS, TAIL S.O.	FLEW 1 LEG ONLY, DID A2. NO DMRS ABOARD. HAD WING VALVE, PRE-PROD DMRS. LEVEL YAW SAS OSCILLATIONS.
2 JULY 76	285	RIEDENAUER FRAZIER	0936 1110	1.6	821.6	30.0		1	" "	DEF J, TAIL & CHINE OBC, DEF A2, YAW SAS STAB, REST SAME AS ABOVE.	GOOD XOVER FOR J. 1 DEF A2 PASS OVER OWENS VALLEY. NO YAW OSCILLATIONS.
7 JULY 76	286	PUGH FRAZIER	0900 1137	2.6	824.2	30.0	0.9	—	" "	DEF A2, YAW SAS STAB MOD.	GOOD A2 MISSION - 10 PASSES. RUDDER OSCILLATIONS ALL DURING FLIGHT.
14 JULY 76	287	PUGH FRAZIER	0900 0953	1.0	825.2	20.0	0.9	—	" "	DEF A2, TAIL OBC, CHINE OBC, YAW SAS STAB, ADS HYDRO LINE SEALS, PRE-PROD DMRS, DMRS FRS PARA'S	ROLL SHIS & CHANNEL FAIL AFTER T.O. FLIGHT ABORTED. RUDDER OSCILLATIONS SAME AS BEFORE.
20 JULY 76	288	PUGH FRAZIER	0900 1205	3.1	828.3	77.0		2	" "	DEF A2, DEF J, TAIL & CHINE OBC'S, YAW SAS STAB, HYDRO LINE SEALS, DMRS (179 & 222)	3 PASSES COMPLETED, 1 F4E RADAR QUIT, J CROSSOVER EXCELLENT. ONLY 1 F4J.