

Flt ID: 030109I	From: TNCC	To: SLVR
Flt No: 03-	Blk In: 2136	ATA: 2130
ETD: 1400	Blk Out: 1342	ATD: 1349
ETE: 7+30	Blk Time: 7.9	Flt Time: 7.7
Sponsor Org: NOAA / NSSL	Program: SAULTJEX	Purpose: FERRY

AOC Personnel

AC: TEBEEST R	Sys Eng: LYNCH, T ✓
CP: SILAH, M ✓ / TAGGART, B ✓ / STRONG, T ✓	Data Sys: TONG, R ✓
Nav: BRAKOB, D ✓ / ADLER, J ✓	Radar: ROGERS, M ✓
FE: TORREY R / FLOYD, D ✓	GPS/BT:
FD: SWEPIERO, T ✓ / FLAHERTY, P ✓	Gld Phys: AA MC FADDEN, J ✓
Avionics: SANS Souci, D ✓	MECH: MITCHELL, R ✓

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

ABA 282/110 12-45.6 N SLVR 17-37.9 S
71-47.9 W 63-08.7 W

NERVA 11-12.5 N
73-40.1 W

EJA 7-01.7 N
73-48.3 W
STE 2-39.4 N

LET 72-38.0 W
4-11.7 S
69-56.4 W

2096 2090
1342 1349
754 741

1414 BAL DP#1
1421 BAL DP#2
1424 BAL DP#3
1427 BAL DP2
1431 BAL DP1

U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

AOCWR-2

Flight ID: 030109I Time Off: 1349 Time On: 2130

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1014.8	1016	964.9	29.83

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes		
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes		

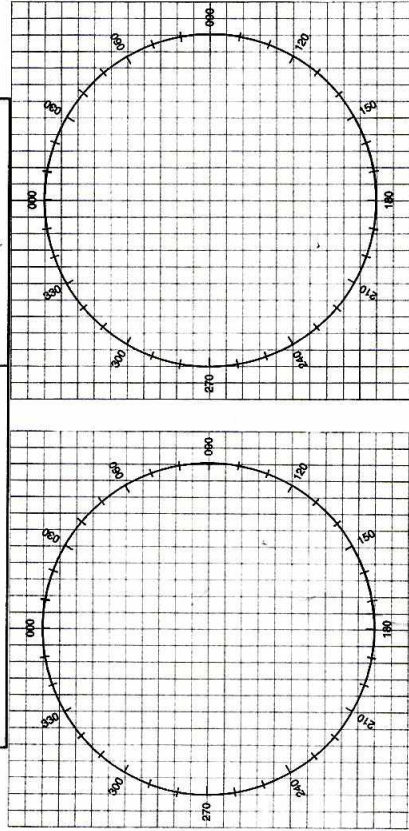
Video					
	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

30.01

CLEARANCES			
FREQ	ALT	HDG	OTHER
127.15			CAT FL180
128.14	FL210		5K 250M2
128.16	FL220		24.80
128.18	FL250	119.7	

MISSION LOG



POSITION REPORT	
1. POSITION	
2. TIME	
3. ALTITUDE	
4. NEXT POSITION	
5. ETA	
6. NEXT POSITION	

EMERGENCY MESSAGE

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE 243.0 VHF/VOICE 121.5 MF/VOICE 2182 KHZ 8364 KHZ 500 KHZ

MAYDAY, MAYDAY, MAYDAY

THIS IS NOAA, NOAA, NOAA

NOAA 43

POSITION N/S E/W AT Z

HEADING TRUE/MAG

AT KTS TRUE/INDICATED

FLIGHT LEVEL OR ALTITUDE

WE ARE A P-3 AIRCRAFT WITH 16 SOULS ON BOARD

NATURE OF EMERGENCY

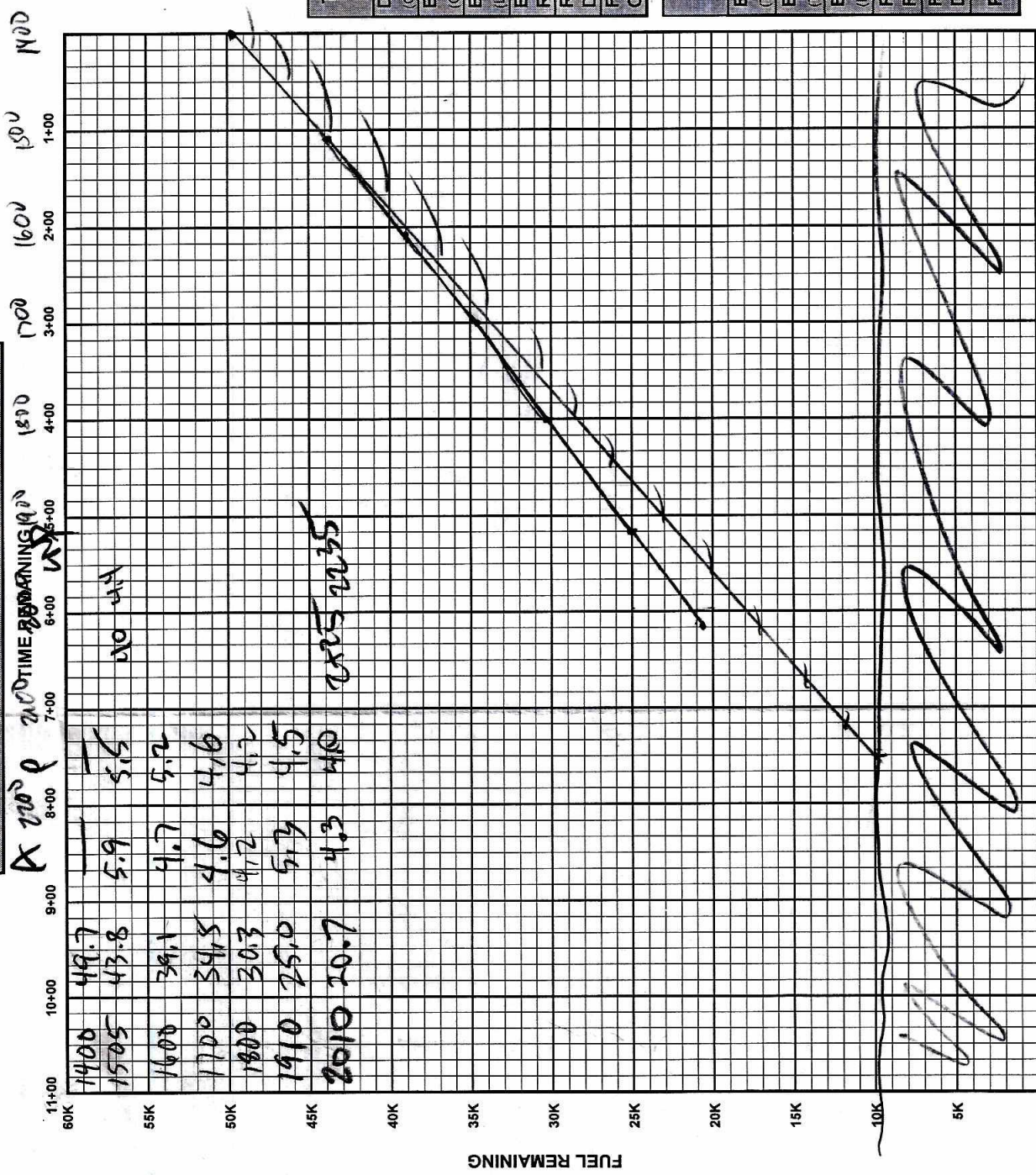
ASSISTANCE DESIRED

PILOT INTENTIONS

WE HAVE ENDURANCE REMAINING

TIME	FIX TYPE	POSITION	INS 1 POSITION	KERR	INS 2 POSITION	KERR	VAR +E==>	TH	DR +R==>	TRK	GS	WD	WS	ALT	TAS	NEXT PT	DIST	TIME	ETA	REMARKS
1337	ENC																			
1345	BLK																			
1345	TAXI																			
1346	7/6																			
1353	XV																			ZNSHL +30 DRIFT
1355		N 12-16.1 W 69-14.6	N 12-16.1 W 69-14.7	-3.7 -2.2	N 12-16.1 W 69-14.7	-3.7 -2.2														P86 285/14
1439		N 12-16.0 W 72-25.0	N 12-16.0 W 72-24.8	-1.3 +1.2	N 12-16.0 W 72-24.9	-1.3 +1.2														
1520		N 9-30.8 W 73-54.1	N 9-30.8 W 73-54.2	-1.6 +2.4	N 9-30.6 W 73-54.5	-1.6 +2.4														
1600		N 6-07.5 W 73-33.1	N 6-33.6 W 73-26.8	-26.1 +6.3	N 6-06.6 W 73-32.6	-26.1 +6.3														
1645		N 2-45.5 W 72-40.6	N 2-45.2 W 72-37.6	-28.7 +8	N 2-45.5 W 72-40.4	-28.7 +8														
1737		N 1-07.6 W 70-46.0	N 0-31.0 W 70-36.2	+36.6 +9.8	N 1-06.6 W 70-45.6	+36.6 +9.4														
1830		N 5-11.9 W 69-35.6	N 4-31.7 W 69-24.6	+39.7 +11.0	N 5-10.4 W 69-34.6	+39.7 +11.0														
1915		N 8-53.6 W 68-16.6	N 8-17.0 W 68-07.3	+36.6 +9.3	N 8-50.6 W 68-15.7	+36.6 +9.0														
2011		N 5-12.59.7 W 66-06.4	N 5-12.57.4 W 66-06.7		N 5-12.56.8 W 66-06.9															336/127
2103		N 6-54.4 W 66-33.9	N 6-54.1 W 66-33.0		N 6-50.0 W 66-32.6															
2130		N 17-38.2 W 66-30.8	N 17-41.8 W 66-30.4		N 17-33.8 W 66-30.7															

RANGE CONTROL GRAPH



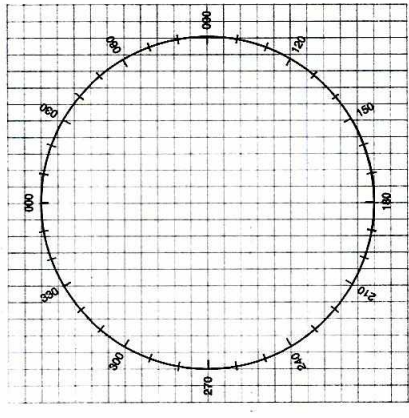
ENROUTE FUEL	
ENROUTE TIME	7+30
ENROUTE FUEL (5K 5K 4.5K RULE)	36.0
RESERVE AT DESTINATION	10.0
REQUIRED RAMP	46.0
ACTUAL RAMP FUEL	50.0

TACTICAL (OFFSTA TO DESTINATION)	
DISTANCE (OFFSTA TO DEST)	
ENROUTE TIME (OFFSTA TO DEST)	
BURN RATE (LBS/HR)	4500
ENROUTE FUEL REQUIRED	5500
RESERVE AT DESTINATION	
FUEL AT OFFSTA	

POINT OF SAFE RETURN	
ETP DISTANCE (TO DEPARTURE)	
ENROUTE TIME (TO DEPARTURE)	
BURN RATE (LBS/HR)	4500
FUEL REQUIRED	5500
RESERVE AT DEPARTURE	
PSR FUEL	

CEX - TRUE BEARING METHOD				CEX SIGHT	
COMPASS TYPE	INS1	INS2	WET	GMT	1730
MCH (READING)	157	158	166	GHA	80-44
- MTH (SEXTANT)	157	158	159	CORR	0
CE				GHA	80-44
- VAR				LONG +W -E	70-44
DEV	+1	+2	+1	EXACT LHA	010
				LAT	015
				BODY	0
				DEC	522-05
				HC/D	64-25-8
				CORR	-4
				HC	64-21
				Z	34
				ZN	244

CEX - ERB METHOD			
COMPASS TYPE	INS1	INS2	WET
MERB (DIAL 000)			
+ ZN			
= MTH			
MCH (READING)			
CE			
- VAR			
= DEV			



2033
40
2113
21202

WIND FACTOR		
WINDSPEED	HEADWIND	TAILWIND
10	1.03	.97
20	1.06	.94
30	1.10	.92
40	1.14	.89
50	1.18	.87
60	1.22	.85

PRESS ALT					
10,000	1.0	1.0	.99	.99	
20,000	.99	.98	.97	.97	
30,000	.97	.96	.95	.94	
40,000	.96	.94	.92	.90	

TRUE AIRSPEED CROSS-CHECK						
TIME	IAS	PRESS ALT	"F" FACTOR	EAS	OAT	ITAS
1416	225	180	X	X	281	301
						302

DISTANCE REMAINING

ETP = .5(TOTAL DISTANCE x OUTBOUND WIND FACTOR)

[illegible]