

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

Flt ID: 080812I	From: KMLF	To: TBBB
Flt. No: —	Blk In: 1855 Z	Time On: 1846 Z
ETD: 132	Blk Out: 1308 Z	Time Off: 1317 Z
ETE: 6 +	Blk Time: 5:47 (5.8) Hrs	Flt Time: 5:29 (5.5) Hrs
Sponsoring Org: NITE	Program: TDR	Purpose: Location 6 TBBB

AOC Flight Crew

Aircraft Commander: Choy	Data System: Rader
Co-Pilot: Newman, Eshardt	AVAPS: Smith
Navigator: Gallagher, Kilder	System Eng: Lynch
Flight Eng: Floyd, Klippel	A A:
Flight Director: Parrish	A A:
Avionics: Lynch, Sans, Souci	Crew Chief:

Participating Scientists / Visitors

[illegible]

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)	Recco Times	Fix #	Fix Time
Storm Name: 1255Z 280/5 29/25 29.92 Mission ID: 13042 5930W			
NOTES:			

(See reverse for additional remarks)

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Flight ID:

Time Off:

Z

Time On:

Z

A/C - Takeoff

Wx Station - Takeoff

A/C - Land

Wx Station - Land

Pressure

Number

Data Disposition / Date / Quality

Flight Level Tapes

Radar Tapes

Cloud Physics Tapes / CDs

Video Tapes

Dropsondes

Good:

Bad:

AXBT

AXCP

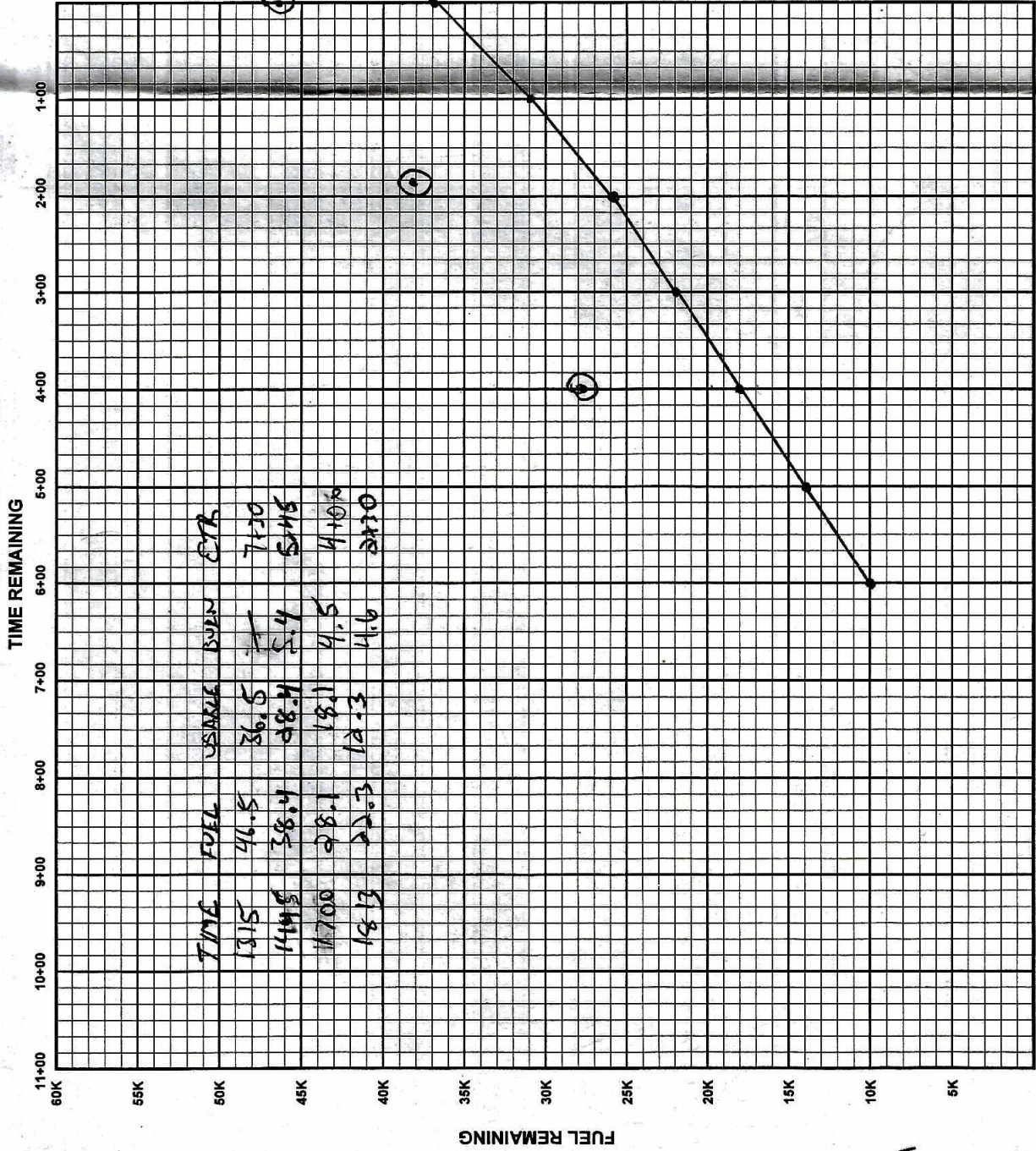
AXCTD

Remarks:

TAKE OFF WEATHER:

LANDING WEATHER:

RANGE CONTROL GRAPH



TIME	FUEL	USABLE	BURN	CTR
1315	46.5	36.5	1	7:10
1445	38.4	28.4	5.4	5:45
1700	28.1	18.1	4.5	4:10
1813	22.3	12.3	4.6	3:10

ENROUTE FUEL	
ENROUTE TIME	6:00
ENROUTE FUEL (6K 5K 4 3K RULE)	27
RESERVE AT DESTINATION	10
REQUIRED RAMP	37
ACTUAL RAMP FUEL	46.5

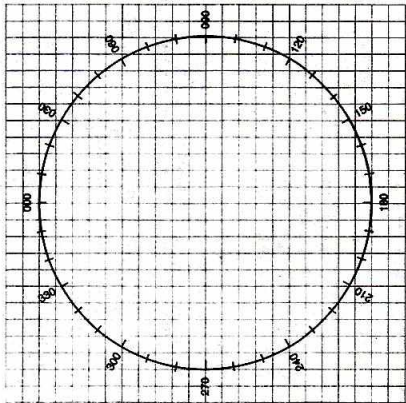
TACTICAL (OFFSTA TO DESTINATION)	
DISTANCE (OFFSTA TO DEST)	
ENROUTE TIME (OFFSTA TO DEST)	
BURN RATE (LBS/HR)	4500
ENROUTE FUEL REQUIRED	5500
RESERVE AT DESTINATION	
FUEL AT OFFSTA	

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	
COMPASS TYPE	INS1 INS2 WET
MCH (READING)	
MTH (SEXTANT)	
CE	
-VAR	
DEV	

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

CEX SIGHT	
GMT	
GHA	
CORR	
GHA	
LONGWAVE	
EXACT LHA	
LAT	
BODY	
DEC	
HC/D	
CORR	
HC	
Z	
ZN	



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 .99 .99
20,000	.99 .98 .97
30,000	.97 .96 .95
40,000	.96 .94 .92

TRUE AIRSPEED CROSS-CHECK						
TIME	IAS	PRESS ALT	"F" FACTOR	EAS	OAT	ITAS
1315	211	170	1.0	214	214	285

DISTANCE REMAINING

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

MISSION LOG

PAGE 1 OF 1

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 121.5 2182 KHZ 8384 KHZ 500 KHZ
VHF/VOICE 121.5 2182 KHZ 8384 KHZ 500 KHZ
MAYDAY, MAYDAY, MAYDAY
THIS IS NOAA 43, NOAA 43, NOAA 43
- POSITION 121.5 N 150.0 E W AT 121.5
- HEADING 121.5 TRUE/MAG
- AT 121.5 KTS TRUE/INDICATED
- FLIGHT LEVEL OR ALTITUDE 121.5
- WE ARE A P-3 AIRCRAFT WITH 121.5 SOULS ON BOARD
- NATURE OF EMERGENCY 121.5
- ASSISTANCE DESIRED 121.5
- PILOT INTENTIONS 121.5
- WE HAVE 121.5 ENDURANCE REMAINING 121.5

POSITION REPORT

1. POSITION

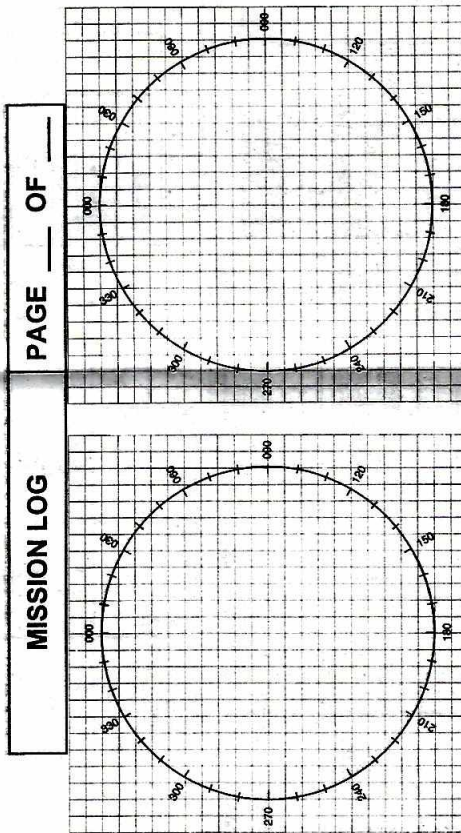
2. TIME

3. ALTITUDE

4. NEXT POSITION

5. ETA

6. NEXT POSITION



CLEARANCES			
FREQ	ALT	HDG	OTHER
1303	2700	270	2700
1307	2700	270	2700
1309	2700	270	2700
1315	2700	270	2700
1320	2700	270	2700
1325	2700	270	2700
1330	2700	270	2700
1335	2700	270	2700
1340	2700	270	2700
1345	2700	270	2700
1350	2700	270	2700
1355	2700	270	2700
1360	2700	270	2700
1365	2700	270	2700
1370	2700	270	2700
1375	2700	270	2700
1380	2700	270	2700
1385	2700	270	2700
1390	2700	270	2700
1395	2700	270	2700
1400	2700	270	2700
1405	2700	270	2700
1410	2700	270	2700
1415	2700	270	2700
1420	2700	270	2700
1425	2700	270	2700
1430	2700	270	2700
1435	2700	270	2700
1440	2700	270	2700
1445	2700	270	2700
1450	2700	270	2700
1455	2700	270	2700
1460	2700	270	2700
1465	2700	270	2700
1470	2700	270	2700
1475	2700	270	2700
1480	2700	270	2700
1485	2700	270	2700
1490	2700	270	2700
1495	2700	270	2700
1500	2700	270	2700

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
1303	ENG STR	2314																		
1307	TAND	2314																		
1309	I																			
1315	T/O																			
	SAC																			
1320	A	2603	2603	-1	2603	-1	111	107	110	241	279	279	279	279	279					
1417	A	2603	2603	-1	2603	-1	148	130	141	134	285	245	22	190	271					
1450	A	2603	2603	-1	2603	-1	148	130	141	134	285	245	22	190	271					
1500	A	2603	2603	-1	2603	-1	148	130	141	134	285	245	22	190	271					
1600	A	2603	2603	-1	2603	-1	148	130	141	134	285	245	22	190	271					
1640	A	2603	2603	-1	2603	-1	148	130	141	134	285	245	22	190	271					
1810	A	2603	2603	-1	2603	-1	148	130	141	134	285	245	22	190	271					
1845	LAND	2603	2603	-1	2603	-1	148	130	141	134	285	245	22	190	271					