

Flt ID: 050711H	From: KNIP	To: MRO020
Flt No: 05-034	Blk In: 2233	ATA: 2229
ETD: 1778	Blk Out: 17027	ATD: 17147
ETE: 5+00	Blk Time: 5+31 (5-5)	Flt Time: 5+15 (5.3)
Sponsor Org: NOAA H2D	Program: JFEX	Purpose: Ferry

AOC Personnel

AC: KENNEDY	Sys Eng: Hill
CP: CHDY	Data Sys: McMullen
Nav: CARRAGHER	Radar:
FE: WADE	GPS/BT:
FD: FLATZEN	Cld Phys:
Avionics: ROGERS	cc Torrey

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
BLACK, M	SCI	H2D
LEGATION, P	SCI	"
DODGE, P	SCI	"
MURILLO, S	SCI	"
VINDE, K	SCI	"
ULITOM, E	SCI	"
ROGERS, R	SCI	"
WILMS, P	SCI	"

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

506 814 7391
 506 255 1791

MACISAROS

2230

12
 13
 17
 42

Flt ID:

050711 #

Time Off:

1714Z

Time On:

2229Z

A/C (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

1017.1

1016.5

912.8

909.6

Number

Data Disposition / Date / Quality

Flt Lvl Tapes

2

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

~~1655Z CLR 31/24~~~~A3007~~

T/O 1655Z

1700Z 6SM

32/23 A3007

A3000

AC UND PRESS ON FOLLO

[illegible]

11
10
5
26

RANGE CONTROL GRAPH

TIME REMAINING

11:00 TIME	10:00 FUEL	9:00 FUEL	8:00 FUEL	7:00 FUEL	6:00 FUEL	5:00 FUEL	4:00 FUEL	3:00 FUEL	2:00 FUEL	1:00 FUEL
17:01	41.5	21.5	54:00	54:00	54:00	54:00	54:00	54:00	54:00	54:00
18:10	35.8	5.7	23.8	54:00	54:00	54:00	54:00	54:00	54:00	54:00
19:10	31.3	4.5	19.3	54:00	54:00	54:00	54:00	54:00	54:00	54:00
20:10	26.8	4.5	14.8	54:00	54:00	54:00	54:00	54:00	54:00	54:00
21:10	22.4	4.4	10.4	54:00	54:00	54:00	54:00	54:00	54:00	54:00

ENROUTE FUEL	
ENROUTE TIME	5:00
ENROUTE FUEL (5K 5K 4 5K RULE)	26.0
RESERVE AT DESTINATION	12.0
REQUIRED RAMP	38.0
ACTUAL RAMP FUEL	41.5

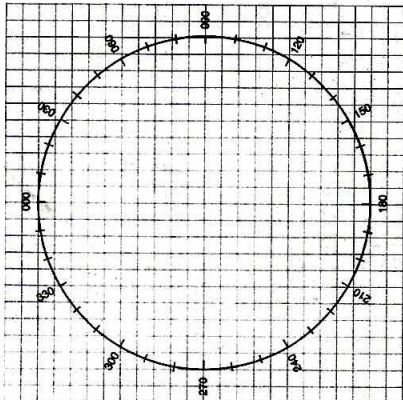
TACTICAL (OFFSTA TO DESTINATION)	
DISTANCE (OFFSTA TO DEST)	4 ENG 3 ENG
ENROUTE TIME (OFFSTA TO DEST)	
BURN RATE (LBS/HR)	4500 5500
ENROUTE FUEL REQUIRED	
RESERVE AT DESTINATION	
FUEL AT OFFSTA	

POINT OF SAFE RETURN	
ETP DISTANCE (TO DEPARTURE)	4 ENG 3 ENG
ENROUTE TIME (TO DEPARTURE)	
BURN RATE (LBS/HR)	4500 5500
FUEL REQUIRED	
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	
LONGAW	
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

DISTANCE REMAINING

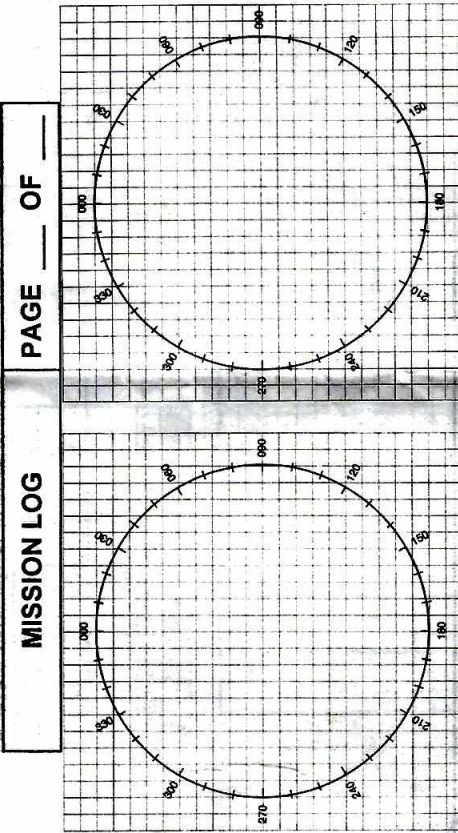
ETP = .5(TOTAL DISTANCE x OUTBOUND WIND FACTOR)

PRESS ALT		200	250	300	350
10,000	1.0	1.0	.99	.99	.99
20,000	.99	.98	.97	.97	.97
30,000	.97	.96	.95	.95	.94
40,000	.96	.94	.92	.92	.90

TRUE AIRSPEED CROSS-CHECK				
TIME	IAS	PRESS ALT	"F" FACTOR	EAS TAS ITAS

Now 4578 1745H

CLEARANCES				
FREQ	ALT	HDG	OTHER	
337	2000	170	AS FILED D	605VUG
123.8			TRANSVING	1
				3402



MISSION LOG PAGE 1 OF 1

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 121.5 2182 KHZ HF/VOICE 121.5 2182 KHZ 8384 KHZ 500 KHZ

MAYDAY, MAYDAY, MAYDAY

THIS IS NOAA NOAA NOAA NOAA

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 SOULS ON BOARD

NATURE OF EMERGENCY

ASSISTANCE DESIRED

PILOT INTENTIONS

WE HAVE ENDURANCE REMAINING

TIME	FIX TYPE	POSITION	INS 1 POSITION	K ERR	INS 2 POSITION	K ERR	MH	VAR +E=>	TH	DR +R=>	TRK	GS	WD	WS	ALT	TAS	NEXT PT	DIST	TIME	ETA	REMARKS
1715	Δ	20-11.8 081-37.5	20-11.8 081-37.5	+1.1 -1.2	20-11.7 081-37.4	+1.2 +1.1	234	5W	229	-	222	231	291	8	1700	244	6W	33	+08	1753	
1815	Δ	23-19.3 086-52.7	23-19.3 086-52.7	-1.4 +1.6	23-17.7 086-52.7	+1.6 -	159	2W	157	12	158	280	131	17	1740	295	6W	63	+14	1924	
1915	Δ	14-48.2 081-37.5	14-48.2 081-37.5	+1.6 -1.7	14-43.9 082-42.5	+1.3 -1.5	145	-	145	32	148	309	034	22	1720	300	6W	19	+04	2119	
2015	Δ	14-48.2 081-37.5	14-48.2 081-37.5	-1.7 -2.0	14-43.9 082-42.5	+1.3 -1.5	145	-	145	32	148	309	034	22	1720	300	6W	19	+04	2119	
2112	Δ	14-48.2 081-37.5	14-48.2 081-37.5	-1.7 -2.0	14-43.9 082-42.5	+1.3 -1.5	145	-	145	32	148	309	034	22	1720	300	6W	19	+04	2119	
2212	Δ	14-48.2 081-37.5	14-48.2 081-37.5	-1.7 -2.0	14-43.9 082-42.5	+1.3 -1.5	145	-	145	32	148	309	034	22	1720	300	6W	19	+04	2119	
2312	Δ	14-48.2 081-37.5	14-48.2 081-37.5	-1.7 -2.0	14-43.9 082-42.5	+1.3 -1.5	145	-	145	32	148	309	034	22	1720	300	6W	19	+04	2119	

17820 cfrust