

FLT ID: I970806	FM: NMMPR	TO: KMCF
FLT NO: 97-028	BLK IN: 222 2234Z	ATA: 2119Z / 2225Z
ETD: 1600Z	BLK OUT: 1553Z / 1553Z	ATD: 1600Z / 2133Z
ETE: 11	BLK TIME: 6:41	FLT TIME: 5:19 / :52
SPONSOR ORG: HRD	PROGRAM: HURRICANE RESEARCH	PURPOSE: FERRY TO MACDILL

DAO PERSONNEL

AC PHILIPP BORN ✓	SYS ENG
CP O'MARA	DATA SYS LYNCH ✓
NAV KOZAK ✓	RADAR
FE WADDE / MOORE	BT/ODW PRADAS BERGNES ✓
RADIO SANS SOUICI ✓	CLD PHYS GONZALEZ ✓
FD DAMIAN	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
CLOSSER	MELCH	AOC
McFADDEN ✓	??	AOC
MARKS ✓	PI	HRD
WILLOUGHBY ✓	ASST. PI	}
DODGE ✓	RADAR	
GOLDENBERG ✓	HAPS	

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)
 STOPPED AT OFF TO DROP OFF HRD FOLKS

R → E TRW 1956Z
 KMCF 2001Z
 9
 SCT 300 2948
 32
 23

DAY STARTED 10AM EDT

U.S. DEPT. COMM./NOAA/ORD - DATA SECTION WORK FORM NO.2 OROWF2 FILE

FLT ID: I970806TIME OFF: 1600Z / 2133Z TIME ON: 2119Z / 2225Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	<u>1013.8</u>	<u>29.99</u>	<u>1014.6</u>	<u>29.987</u>

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

ODW

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

I970806

TIME	LAT	LONG	TRK	HD	WD	WS	TA	TD	PA	LA	SP	PS		PO
161700	2036	10418	87	89	96	4	-2.7	-8.1	5335	4321	—	574	ABV CLD	59.1
163300	2032	10303	85	89	126	17	-10.0	-19.1	6436	5298	—	444.2	ABV CLD	72.7
171200	2059	9952	54	56	67	14	-10.8	-20.5	6427	5748	—	444.8	CLR	72.6
173700	2140	9759	85	86	70	10	-15.5	-26.6	7047	7431	—	407.9	HAZE	68.5
181000	2148	9416	100	99	76	19	-16.0	-24.9	7044	7492	—	408.0	HAZE	75.1
185500	2256	9133	61	65	106	14	-14.7	-25.5	7042	7483	—	408.2	CLR	69.1
193400	2433	8842	108	110	136	8	-15.3	-17.8	7040	7483	—	408.3	CLD	66.1
194000	2430	8811	85	88	90	11	-15.1	-18.8	7041	7482	—	408.2	CLD (scr)	71.6
195600	2517	8706	57	58	63	17	-15.0	-20.1	7040	7483	—	408.3	BTN CLD	76.0
202100	2604	8707	87	87	51	9	-14.3	-27.0	7040	7481	—	408.3	CLR	72.2
203800	2606	8333	87	88	80	4	-14.3	-22.7	7041	7485	—	408.3	CLR	73.0
214500	2623	8055	320	319	243	10	5.4	7.1	3650	3875	1015	645	CLD ABV	79.8
215900	2645	8156	340	337	249	14	5.4	0.9	3654	3872	1013.7	643.4	CLR	81.8

H. GUILLERMO (EPAC)

Flight #04 1970806 (Ferry Flight to Opa Locka)

<u>DATA TYPE</u>	<u>SENSOR or OPTION</u>
INE	2
Accelerometer	1
Temperature Probe	1
Altitude (for vertical wind)	RA159
Static Pressure	Fuselage
Dynamic Pressure	Fuselage
Dewpoint Probe	1

Notes:

There were no data gaps.

Downward spikes in radar altimeter data are a result of overflying land.

Aircraft inertial positions were not re-navigated.

SPECIAL NOTE!!! Locations 80, 81 and 82 of record five on the standard tape contain vertical ground, vertical air and vertical wind speeds, respectively, derived from Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

	<u>Takeoff</u>	<u>Landing</u>
Aircraft static pressure	1012.8mb	1014.6mb
Corrected tower pressure	1014.2mb	1014.8mb

Flight Meteorologist: A. Barry Damiano, (813) 828-3310 ext. 3073

MEXICAN DEPLOYMENT - 1 AUGUST 1997
CREW LIST

	<u>N42RF</u>	<u>N43RF</u>
A.C	PHILIPPSBORN	KENNEDY
PILOT	O'MARA	TAGGART
PILOT		KENUL
NAV	RATHBUN	KOZAK
FD	CZYZYK	DAMIANO
FD		
FE	BAST	MOORE
FE		WADE
MECH	McWHIRTER	CLOSSER
AVIONCS	ROGERS	SANS SOUCI
SED	BARR	LYNCH
SED	McMILLAN	GONZALEZ
SED	CARPENTER	PRADAS
HRD	*	*
HRD	*	*
HRD	*	*
HRD	*	*
HRD	*	*
P.M.		MCFADDEN
TOTAL	15	18

FRANKLIN
WILLOUGHBY
MARKS
GOLDENBERG
DOWDE

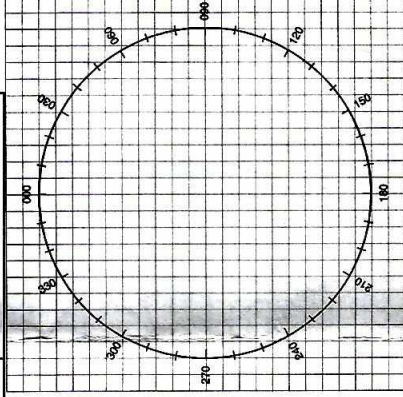
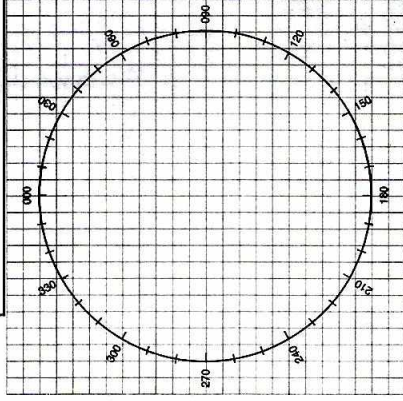
20°41'
105°15'

GUILLERMO

MISSION LOG PAGE **OF**

PAGE OF

PAGE OF

[illegible]

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	VHF/VOICE	MF/VOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

**MAYDAY, MAYDAY, MAYDAY
THIS IS 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 _____

[illegible]

FORM

MISSION PREFLIGHT LOG										FLIGHT DIRECTOR		SCHEDULED / ACTUAL TAKEOFF Z		DATE OF TAKEOFF			
MISSION		NAVIGATOR		AIRCRAFT COMMANDER		TAS		LEG / TOT DIST		LEG / TOT TIME		PROP ETA		ATA		REMARKS	
WP	LAT / LON	RTE	MH	VAR +E==>	TH	DR +R==>	TRK	GS	WD	WS	ALT	TAS	LEG / TOT DIST	LEG / TOT TIME	PROP ETA	ATA	REMARKS
1	2036.3N 10420.1W	CMD											51	414			
2	2037.4N 10420.1W	GDL											51	414			
3	2037.4N 10420.1W	DET											58	414			
4	2037.4N 10420.1W	TMN											109	414			
5	2037.4N 10420.1W	CTM											165	414			
6	2037.4N 10420.1W	DEPT											274	414			
7	2037.4N 10420.1W	CTM											396	414			
8	2037.4N 10420.1W	DEPT											55	414			
9	2037.4N 10420.1W	CTM											87	414			
10	2037.4N 10420.1W	DEPT											109	414			
11	2037.4N 10420.1W	CTM											165	414			
12	2037.4N 10420.1W	DEPT											274	414			
13	2037.4N 10420.1W	CTM											396	414			
14	2037.4N 10420.1W	DEPT											55	414			
15	2037.4N 10420.1W	CTM											87	414			
16	2037.4N 10420.1W	DEPT											109	414			
17	2037.4N 10420.1W	CTM											165	414			
18	2037.4N 10420.1W	DEPT											274	414			
19	2037.4N 10420.1W	CTM											396	414			
20	2037.4N 10420.1W	DEPT											55	414			
21	2037.4N 10420.1W	CTM											87	414			
22	2037.4N 10420.1W	DEPT											109	414			
23	2037.4N 10420.1W	CTM											165	414			
24	2037.4N 10420.1W	DEPT											274	414			
25	2037.4N 10420.1W	CTM											396	414			
26	2037.4N 10420.1W	DEPT											55	414			
27	2037.4N 10420.1W	CTM											87	414			
28	2037.4N 10420.1W	DEPT											109	414			
29	2037.4N 10420.1W	CTM											165	414			
30	2037.4N 10420.1W	DEPT											274	414			
31	2037.4N 10420.1W	CTM											396	414			
32	2037.4N 10420.1W	DEPT											55	414			
33	2037.4N 10420.1W	CTM											87	414			
34	2037.4N 10420.1W	DEPT											109	414			
35	2037.4N 10420.1W	CTM											165	414			
36	2037.4N 10420.1W	DEPT											274	414			
37	2037.4N 10420.1W	CTM											396	414			
38	2037.4N 10420.1W	DEPT											55	414			
39	2037.4N 10420.1W	CTM											87	414			
40	2037.4N 10420.1W	DEPT											109	414			
41	2037.4N 10420.1W	CTM											165	414			
42	2037.4N 10420.1W	DEPT											274	414			
43	2037.4N 10420.1W	CTM											396	414			
44	2037.4N 10420.1W	DEPT											55	414			
45	2037.4N 10420.1W	CTM											87	414			
46	2037.4N 10420.1W	DEPT											109	414			
47	2037.4N 10420.1W	CTM											165	414			
48	2037.4N 10420.1W	DEPT											274	414			
49	2037.4N 10420.1W	CTM											396	414			
50	2037.4N 10420.1W	DEPT											55	414			
51	2037.4N 10420.1W	CTM											87	414			
52	2037.4N 10420.1W	DEPT											109	414			
53	2037.4N 10420.1W	CTM											165	414			
54	2037.4N 10420.1W	DEPT											274	414			
55	2037.4N 10420.1W	CTM											396	414			
56	2037.4N 10420.1W	DEPT											55	414			
57	2037.4N 10420.1W	CTM											87	414			
58	2037.4N 10420.1W	DEPT											109	414			
59	2037.4N 10420.1W	CTM											165	414			
60	2037.4N 10420.1W	DEPT											274	414			
61	2037.4N 10420.1W	CTM											396	414			
62	2037.4N 10420.1W	DEPT											55	414			
63	2037.4N 10420.1W	CTM											87	414			
64	2037.4N 10420.1W	DEPT											109	414			
65	2037.4N 10420.1W	CTM											165	414			
66	2037.4N 10420.1W	DEPT											274	414			
67	2037.4N 10420.1W	CTM											396	414			
68	2037.4N 10420.1W	DEPT											55	414			
69	2037.4N 10420.1W	CTM											87	414			
70	2037.4N 10420.1W	DEPT											109	414			
71	2037.4N 10420.1W	CTM											165	414			
72	2037.4N 10420.1W	DEPT											274	414			
73	2037.4N 10420.1W	CTM											396	414			
74	2037.4N 10420.1W	DEPT											55	414			
75	2037.4N 10420.1W	CTM											87	414			
76	2037.4N 10420.1W	DEPT											109	414			
77	2037.4N 10420.1W	CTM											165	414			
78	2037.4N 10420.1W	DEPT											274	414			
79	2037.4N 10420.1W	CTM											396	414			
80	2037.4N 10420.1W	DEPT											55	414			
81	2037.4N 10420.1W	CTM											87	414			
82	2037.4N 10420.1W	DEPT											109	414			
83	2037.4N 10420.1W	CTM											165	414			
84	2037.4N 10420.1W	DEPT											274	414			
85	2037.4N 10420.1W	CTM											396	414			
86	2037.4N 1042																