

FLT ID: I970801	FM: KMCF	TO: MMPR
FLT NO: 97-025	BLK IN: 1513Z/2140Z	ATA: 1510Z/2127Z
ETD: 1400Z	BLK OUT: 1355Z/1632Z	ATD: 1415Z/1637Z
ETE:	BLK TIME: 1:21/5:08	FLT TIME: 1:55/4:50
SPONSOR ORG: HRD.	PROGRAM: HURRICANE RESEARCH	PURPOSE: FERRY TO PUERTO VALLARTA

DAO PERSONNEL

AC PHILIPPSBORN ✓	SYS ENG LYNCH ✓
CP O'MARA ✓	DATA SYS PRADAS-BERGNES ✓
NAV KOZAK ✓	RADAR
FE MODRE/WADE ✓	BT/ODW GONZALEZ ✓
RADIO SANS SOUET ✓	CLD PHYS
FD D. AMIANO ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

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

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

NO NOSE PQ

FIRE WARNING LIGHT CAME ON #1
APPEARS TO BEEN FALSE ALARM
DELAYED T/O FROM MCF

STOPPED AT KOPF to pick
up HRD folks

2041
10515

GUILLEMO

1914 for SMFR
Blanking was
changed

2550
86

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

FLT ID: I970801

TIME OFF: 1415Z/1637Z TIME ON: 1510Z/2127Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1018.4/1018.3	30.10/30.09	1018.7/1010.0	30.11/29.90
NO DATA DISPOSITION/DATE/QUALITY				

1/SEC FLT LVL TAPES

2

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

~~GPS~~ GPS

5

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

174115Z chak WD

1970801

60
192

KTS

TIME	LAT	LONG	TRK	HD	WD	WS	TA	TD	PA	GA	SP	PS			PK
143100	2712	8222	131	133	206	12	2.2	-6.3	3960	4226	1019.5	617.3	BTN	CLD	66.4
144300	2634	8147	144	146	173	9	2.9	-4.6	3906	4161	1018.5	624.1	ARR	CLD	73.2
150300	2556	8039	123	125	184	3	24.6	21.6	553	622	1017.9	949.3	CLR		48.8
165600	2556	8136	272	270	188	17	-6.2	-13.5	5558	5900	1013.8	498.4	CLR		59.4
170200	2557	8207	273	273	156	8	-8.8	-21.7	6115	6495	—	464.5	CLR		76.9
171400	2559	8313	273	272	175	13	-9.1	-30.3	6114	6487	—	464.5	CIR	ABV	78.3
173500	2600	8509	268	268	193	7	-9.3	-23.1	6110	6493	—	464.7	CIR	ABV	78.7
174433	2553	8600	238	239	187	6	-9.5	-25.1	6108	6488	—	464.9	NOV	DROP	78.3
175457	2526	8649	240	240	133	6	-9.6	-24.4	6106	6487	—	465.0		DROP	78.9
180457	2500	8738	239	240	70	7	-8.9	-24.4	6107	6489	—	464.9		DROP	80.8
181455	2432	8826	241	241	81	10	-8.7	-25.1	6105	6491	—	465.1	PART FALL	DROP	80.1
182924	2351	8936	240	240	89	16	-9.0	-26.5	6103	6486	—	465.2		DROP	81.0
185100	2254	9127	242	242	66	14	-7.0	-25.0	6101	6485	—	465.3	HARE		83.9
193900	2156	9546	270	270	93	18	-5.1	-13.8	6101	6488	—	465.3	CLR		85.8
205900	2043	10305	232	230	114	17	-7.7	-22.7	6135	4869	—	463.2	CLR		87.2
211200	2041	10420	269	269	112	17	-7.8	-20.9	6130	5897	—	462.7	CLD	ABV	86.2

I 970801

170325-170330

BAD POSITIONS

170333-170340

171325-171330

FIX PQFI

Renar

~~INE~~ INE # 2

173100, 1.4, .7

183100, 1.7, .3

193100, 2.4, .1

203100, 2.4, .3

213100, 3.1, .4

~~1730-1748~~

~~1748-1758~~

DAP 1758-4808

~~1808-1818~~

~~1818-1828~~

FIX PSF

170930, ~~172530~~,

173800, 175700

175900 - 180700

180800 - 181700

182000 - 182500

183600 - 184100

DAP, DAP, 1726-1728

1835-1848 OK

1950-1952 PSF, PQFI

1958-2000

~~1852-1854~~ > PQFI, PSF

~~1856-1858~~

~~1858-1900~~

~~1900-1902~~ PSF

~~1902-1904~~

~~1905-1907~~

N43RF DROP STATION LOG

Project: Hurricane '97

Mission: Ferry - Pt. VallartaFlight ID: 970801Z

Take Off: _____

Landing: _____

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Sonde OK	Comments
1	965120334	1	-0.3	1744	JCPB		NO WINDS
2	601330503	2	-0.3	1755	JCPB	✓	57s
3	385400051	3	φ	1805	JCPB	✓	83s
4	964910179	4	φ	1814	JCPB		NO WINDS, FAST FALL
5	965040283	1	-0.9	182924	JCPB	✓	32s
6							
7							
8							
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33							
34							
35							

Transit to
MMP

INS PERFORMANCE		INS 1	INS 2
BEGIN ALIGN TIME	1149	1149	1149
ALIGN STATUS (0-5)	0	0	0
END NAV TIME	2141	2141	2141
START NAV TIME	1349	1349	1349
DELTA T	756	756	752

TERMINAL ERRORS		
	INS 1	INS 2
DELTA LAT	-1.8	d3.0
DELTA LON	42.5	4.1
RGS	0	3
RADIAL ERROR	3	3

REMARKS

[illegible]