

FLT ID: <u>I970907</u>	FM: <u>TXKF</u>	TO: <u>KMIA KMIA</u>
FLT NO: <u>97-030</u>	BLK IN: <u>2310Z</u>	ATA: <u>2307Z</u>
ETD: <u>1430Z</u>	BLK OUT: <u>1437Z</u>	ATD: <u>1448Z</u>
ETE: <u>11</u>	BLK TIME: <u>8:33</u>	FLT TIME: <u>8:19</u>
SPONSOR ORG: <u>HRD</u>	PROGRAM: <u>HURRICANE RESEARCH</u>	PURPOSE: <u>H. ERIKA XC DX</u>

DAO PERSONNEL

AC <u>KENNEDY</u> ✓	SYS ENG <u> </u>
CP <u>KENUL</u> ✓	DATA SYS <u>LYNCH</u> ✓
NAV <u>STRONG</u> ✓	RADAR <u>BARR</u> ✓
FE <u>WADE/MOORE</u> ✓	BT/ODW <u>SMITH</u> ✓
RADIO <u>SANS SOURCE</u> ✓	CLD PHYS <u>CARPENTER</u> ✓
FD <u>DANDANO</u>	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
<u>CLOSSER</u>	<u>MECH</u>	<u> AOC</u>
<u>McFADDEN</u> ✓	<u>??</u>	<u>AOC</u>
<u>MARKS</u> ✓	<u>RADAR</u>	<u>HRD</u>
<u>BLACK, P</u> ✓	<u>PT</u>	}
<u>ABERSON</u> ✓	<u>PT</u>	
<u>FEUER</u> ✓	<u>HAPS</u>	
<u>LEDGATON</u> ✓	<u>HAPS</u>	
<u>DUNION</u> ✓	<u>RADAR</u>	

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

151954 Data System Crash

152445 switched to DW2

154633Z 1547Z
LGT FLASH TROPA

1730Z

20°40'
63°16'

1922Z

20°49'
63°20'

AF Fix

1804Z

20°40'

63°18' 966MB

96KTS NW QUAD

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 DROWF2 FILE

FLT ID: I970907 TIME OFF: 1448Z TIME ON: 2307Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1015.2	30.03	1013.4	29.93

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	2	
FAST FLT LVL TAPES		
RADAR TAPES	1	
DOPPLER TAPES		
ODW CASSETTES		
HARD COPIES		
PMS	1	
AXBT		
AXCP		
GPS	39	

PHOTOGRAPHY

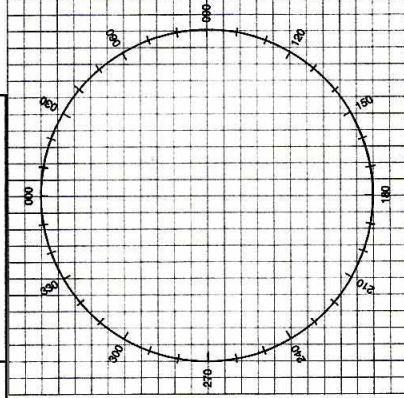
	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

TIME	LAT	LOW	TRK	HD	WD	WS	TA	TD	PIA	GA	SP	PS			PQ
145600	3204	6421	161	163	266	7	10.0	-20.2	2581	2714	1014.6	736.6		BTN CLD	67.5
150800	3119	6402	162	164	287	8	1.4	-32.7	4637	4881	—	566.2		CLD ABV	59.8
151244	3100	6354	162	164	240	7.5	-2.4	-25.0						DROP	
153000	2947	6324	161	163	295	4	-6.8	-21.0	5527	5828	—	505.2		BTN CLD	64.8
153244	2935	6320	161	192	251	5	-7.2	-21.6	5610	5900	—	497.7		DROP	65.6
154210	2852	6327	189	193	262	15	-7.1	-4.8	5607	5894	—	497.9		FRE RW	70.2
155201	2810	6336	189	191	202	20	-7.0	-21.0	5627	5922	—	496.4		CLR	69.7
155413	2800	6338	189	191	206	19	-6.5	-19.6	5630	5926	—	496.3		DROP	75.0
160500	2712	6346	189	191	218	12	-6.2	-21.6	5627	5922	—	496.5		CLR	72.9
161800	2612	6358	189	190	184	7	-6.5	-20.1	5628	5928	—	496.4		CLR	73.1
162109	2558	6400	179	181	168	5	-6.3	-20.2	5625	5927	—	496.6	NO W	DROP	72.8
162247	2250	6400	180	181	162	7	-6.5	-19.8	5626	5926	—	496.6		DROP	74.8
164642	2400	6400	184	181	74	21	-5.4	-16.9	5608	5893	—	497.8		DROP	74.8
165400	2327	6356	171	167	56	24	-8.8	-13.8	6117	6432	—	464.3		CLD	59.7
165930	2300	6353	172	166	62	40	-6.7	-10.8	6110	6411	—	464.3		DROP	
171153	2200	6343	173											DROP	
171813	2130	6342	173	166	73	40								DROP	
172529														DROP	
172530														DROP	
172530														DROP	
172613	2054	6330												DROP	
173832	2018	6316												DROP	
173838														DROP	
174913	1930	6316	180	193	266	59	.9	-1.5	4903	5069	—	547.2		DROP	
175819	1850	6317	180	192	260	50	-1.3	-2.2	4918	5069	—	547.2		DROP	67.3
180400	1827	6317	180	188	247	36	-4.1	-6.9	5507	5760	—	504.6		CLD	73.6
180907	1810	6310	46	45	259	29	-4.9	-8.3	5671	5941	—	493.5	NO	DROP	67.1
182200	1858	6219	45	46	229	49	-4.9	-6.8	5670	5927	—	493.5		FRE RW	74.2
182729	1920	6155	44	47	213	49	-4.5	-7.3	5670	5923	—	493.6		DROP	75.6
184500	2029	6042	45	50	184	30	-5.1	-8.0	5670	5937	—	493.5		CLD	81.7
184805	2039	6042	260	254	200	37	-5.2	-8.7	5669	5932	—	493.5		DROP	68.2
185413	2038	6110	270	262	191	43	-5.2	-8.7	5669	5932	—	493.5		DROP	68.3
190037	2039	6140	273	264	187	53	-1.8	-1.4	4910	5088	—	546.7		DROP	77.3
190708	2040	6210	273	262	200	63	-1.3	.6	4896	5050	—	546.7		DROP	
191450														DROP	
1914512														DROP	
191532														DROP	
191500														DROP	
192706														DROP	
192723														DROP	
192854	2049	6350											NO W	DROP	
193757	2050	6432	257	268	348	46	-2.3	-5.3	5419	5628	—	510.0		DROP	
194831	2039	6520	257	266	347	41	-7.4	-11.1	6126	6403	—	463.8		DROP	73.0
194954	2038	6529	257	266	350	39	-7.9	-12.8	6227	6528	—	4		DROP	62.4
195658	2041	6600	279	286	348	33	-12.4	-17.2	6738	7084	—	426.0		DROP	74.9
200859	2051	6700	280	286	347	29	-12.3	-25.9	6739	7095	—	425.9		DROP	72.6
202200	2102	6806	279	284	342	19	-12.4	-26.3	6736	7098	—	426.1		CLR	72.3
203224	2111	6900	279	281	310	12	-11.5	-25.5	6735	7105	—	426.2		DROP	71.9
205000	2122	7032	278	280	285	11	-12.1	-26.0	6736	7109	—	426.1		CLR	75.7
205518	2126	7100	279	280	267	12	-12.7	-22.4	6736	7108	—	426.1		DROP	75.3
211800	2221	7241	303	304	293	16	-12.0	-24.1	6736	7105	—	426.2		CLR	72.2
212314	2235	7303	305	306	297	21	-11.9	-24.8	6736	7106	—	426.1		DROP	73.5
214600	2335	7440	302	305	341	18	-12.7	-16.7	6733	7106	—	426.3		THN CLD	73.2
220349	2422	7600	301	304	3	10	-12.3	-25.8	6733	7104	—	426.3		DROP	—
220519	2426	7607	305	307	340	9	-12.8	-26.2	6732	7106	—	426.2		DROP	72.2
223300	2521	7825	293	295	16	4	-13.6	-27.0	6733	7115	—	426.3		CLR	74.2

[illegible]

POSITION REPORT



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

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:

- PILOT INTENTIONS
- WE HAVE

[illegible]

Out 1430 OFF 1448 ON 2306 IN

FLT #

NOAA FORM 56-49 (2-95)

MISSION PREFLIGHT LOG

NOAA FORM 56-49 (2-95)

MISSION PREFLIGHT LOG			NAVIGATOR		FLIGHT DIRECTOR		AIRCRAFT COMMANDER		SCHEDULED / ACTUAL TAKEOFF Z		DATE OF TAKEOFF							
DESTINATION		MISSION		NAVIGATOR		FLIGHT DIRECTOR		AIRCRAFT COMMANDER		SCHEDULED / ACTUAL TAKEOFF Z		DATE OF TAKEOFF						
WP	LAT / LON	RTE	MH	VAR +E=>	TH	DR +R=>	TRK	GS	WD	WS	ALT	TAS	LEG / TOT DIST	LEG / TOT TIME	PROP ETA	ETA	ATA	REMARKS
1	29-35	08E/MCF					157						180	180	1532	1532		7 SEP 97
2	29-35	08E/MCF					157						180	180	1532	1532		
3	29-35	08E/MCF					157						180	180	1532	1532		
4	29-35	08E/MCF					157						180	180	1532	1532		
5	29-35	08E/MCF					157						180	180	1532	1532		
6	29-35	08E/MCF					157						180	180	1532	1532		
7	29-35	08E/MCF					157						180	180	1532	1532		
8	29-35	08E/MCF					157						180	180	1532	1532		
9	29-35	08E/MCF					157						180	180	1532	1532		
10	29-35	08E/MCF					157						180	180	1532	1532		
11	29-35	08E/MCF					157						180	180	1532	1532		
12	29-35	08E/MCF					157						180	180	1532	1532		
13	29-35	08E/MCF					157						180	180	1532	1532		
14	29-35	08E/MCF					157						180	180	1532	1532		
15	29-35	08E/MCF					157						180	180	1532	1532		
16	29-35	08E/MCF					157						180	180	1532	1532		
17	29-35	08E/MCF					157						180	180	1532	1532		
18	29-35	08E/MCF					157						180	180	1532	1532		
19	29-35	08E/MCF					157						180	180	1532	1532		
20	29-35	08E/MCF					157						180	180	1532	1532		
21	29-35	08E/MCF					157						180	180	1532	1532		
22	29-35	08E/MCF					157						180	180	1532	1532		
23	29-35	08E/MCF					157						180	180	1532	1532		
24	29-35	08E/MCF					157						180	180	1532	1532		
25	29-35	08E/MCF					157						180	180	1532	1532		
26	29-35	08E/MCF					157						180	180	1532	1532		
27	29-35	08E/MCF					157						180	180	1532	1532		
28	29-35	08E/MCF					157						180	180	1532	1532		
29	29-35	08E/MCF					157						180	180	1532	1532		
30	29-35	08E/MCF					157						180	180	1532	1532		
31	29-35	08E/MCF					157						180	180	1532	1532		
32	29-35	08E/MCF					157						180	180	1532	1532		
33	29-35	08E/MCF					157						180	180	1532	1532		
34	29-35	08E/MCF					157						180	180	1532	1532		
35	29-35	08E/MCF					157						180	180	1532	1532		
36	29-35	08E/MCF					157						180	180	1532	1532		
37	29-35	08E/MCF					157						180	180	1532	1532		
38	29-35	08E/MCF					157						180	180	1532	1532		
39	29-35	08E/MCF					157						180	180	1532	1532		
40	29-35	08E/MCF					157						180	180	1532	1532		
41	29-35	08E/MCF					157						180	180	1532	1532		
42	29-35	08E/MCF					157						180	180	1532	1532		
43	29-35	08E/MCF					157						180	180	1532	1532		
44	29-35	08E/MCF					157						180	180	1532	1532		
45	29-35	08E/MCF					157						180	180	1532	1532		
46	29-35	08E/MCF					157						180	180	1532	1532		
47	29-35	08E/MCF					157						180	180	1532	1532		
48	29-35	08E/MCF					157						180	180	1532	1532		
49	29-35	08E/MCF					157						180	180	1532	1532		
50	29-35	08E/MCF					157						180	180	1532	1532		
51	29-35	08E/MCF					157						180	180	1532	1532		
52	29-35	08E/MCF					157						180	180	1532	1532		
53	29-35	08E/MCF					157						180	180	1532	1532		
54	29-35	08E/MCF					157						180	180	1532	1532		
55	29-35	08E/MCF					157						180	180	1532	1532		
56	29-35	08E/MCF					157						180	180	1532	1532		
57	29-35	08E/MCF					157						180	180	1532	1532		
58	29-35	08E/MCF					157						180	180	1532	1532		
59	29-35	08E/MCF					157						180	180	1532	1532		
60	29-35	08E/MCF					157						180	180	1532	1532		
61	29-35	08E/MCF					157						180	180	1532	1532		
62	29-35	08E/MCF					157						180	180	1532	1532		
63	29-35	08E/MCF					157						180	180	1532	1532		
64	29-35	08E/MCF					157						180	180	1532	1532		
65	29-35	08E/MCF					157						180	180	1532	1532		
66	29-35	08E/MCF					157						180	180	1532	1532		
67	29-35	08E/MCF					157						180	180	1532	1532		
68	29-35	08E/MCF					157						180	180	1532	1532		
69	29-35	08E/MCF					157						180	180	1532	1532		
70	29-35	08E/MCF					157						180	180	1532	1532		
71	29-35	08E/MCF					157						180	180	1532	1532		
72	29-35	08E/MCF					157						180	180	1532	1532		
73	29-35	08E/MCF					157						180	180	1532	1532		
74	29-35	08E/MCF					157						180	180	1532	1532		
75	29-35	08E/MCF					157						180	180	1532	1532		
76	29-35	08E/MCF					157						180	180	1532	1532		
77	29-35	08E/MCF					157						180	180	1532	1532		
78	29-35	08E/MCF					157						180	180	1532	1532		
79	29-35	08E/MCF					157						180	180	1532	1532		
80	29-35	08E/MCF					157						180	180	1532	1532		
81	29-35	08E/MCF					157						180	180	1532	1532		
82	29-35	08E/MCF					157						180	180	1532	1532		
83	29-35	08E/MCF					157						180	180	1532	1532		
84	29-35	08E/MCF					157						180	180	1532	1532		
85	29-35	08E/MCF					157						180	180	1532	1532		
86	29-35	08E/MCF					157						180	180	1532	1532		
87	29-35	08E/MCF					157						180	180	1532	1532		
88	29-35	08E/MCF					157						180	180	1532	1532		
89	29-35	08E/MCF					157						180	180	1532	1532		
90	29-35	08E/MCF					157						180	180	1532	1532		
91	29-35	08E/MCF					157						180	180	1532	1532		
92	29-35	08E/MCF					157						180	180	1532	1532		
93	29-35	08E/MCF					157						180	180	1532	1532		
94	29-35	08E/MCF					157						180	180	1532	1532		
95	29-35	08E/MCF					157						180	180	1532	1532		
96	29-35	08E/MCF					157						180	180	1532	1532		
97	29-35	08E/MCF					157						180	180	1532	1532		
98	29-35	08E/MCF					157						180	180	1532	1532		
99	29-35	08E/MCF					157						180	180	1532	1532		
100	29-35	08E/MCF																