

19850815 HI. FDIR

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.1 OAOWF1 FILE

FLT ID: 850815H	FM: KMIA	TO: KMIA
FLT NO:	BLK IN: 1341	ATA: 1337
ETD: 0330Z	BLK OUT: 0334Z	ATD: 0344
ETE: 10	BLK TIME: 10:07	FLT TIME: 9:53
SPONSOR ORG: NHC	PROGRAM: RECCO	PURPOSE: DADNY

OAO PERSONNEL

AC Ticknor	SYS ENG Dubranut
CP Meyers	DATA SYS
NAV Schissel	RADAR
FE Moore	BT/ODW
RADIO Zysko	CLD PHYS Coerish
FD Parrish	DOPPLER Schricker

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Wilbushby, H.	P.I.	HRD
Marks, F.	Doppler	HRD
Lord, S.		HRD
Willis, P.		HRD
Goldenberg, S.		HRD
Williams, J.	Visitor	USA Today
Decker, R.	Visitor	WTVT, Tampa

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

Fly to For 06, 09, 12Z Fixes to H. Danny.
 5 K, rotating 4. MD 1304 DADNY NOAAZ.
 As SP reading 1mb low on T.O.
 0525 ↓ SK.

1131 ↑ climb out.

0627Z Fix 28°08'N, 92°05'W 993 mb Max Wind 180/64 KT
 0858Z Fix 28°40'N, 92°30'W 991 mb Max Wind 235/74 KT
 1107Z Fix 28°50'N, 92°35'W 989 mb Max Wind 270/82 KT
 18 RECCOs TRANSMITTED 5 PENETRATIONS

25-0
87-080-95
20-30

Two
0250Z
83/75
070/6
3008

As 1016
While Tax,
PS 1016.7

28/25.3

SP 1016

50/2.5
T.O.

101 @ 1000
on T.O.

ALT 30.04

130/13

SP 1018

123/2.5

29.4/25.0

PS 1017.4

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OAOWF2 FILE

FLT ID:		TIME OFF:		TIME ON:	
	A/C T/O	WX STN	A/C LAND	WX STN	
PRESSURE	PS 1016.3 SP 1017	1018.1 Cal Lab 1018 ALT	PS 1017.4 SP 1018	ALT 30.04	
NO DATA DISPOSITION/DATE/QUALITY					
1/SEC FLT LVL TAPES					
FAST FLT LVL TAPES					
RADAR TAPES	10	HARD / 15 Aug			
DOPPLER TAPES	7	HARD 15 Aug			
ODW CASSETTES					
HARD COPIES					
PMS	20	HARD / 15 Aug			
AXBT					
AXCP					
ODW					
PHOTOGRAPHY					
	FWD	LS	RS	VERT	
ON					
OFF					
RATE					
REMARKS					

28 90

A/C COMMANDER	NAVIGATOR	A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME				
TICKNOR	GERMAN SCHWISSE	42RF	850815H	034500	MIAMI	15 Aug 85	DUPY				
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION	LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS				
033411	25-48.2 80-17.6	4	25-48.1 N 80-17.5 W		2548.2 80-17.4 W		Box				
034500	25-48.2 80-17.6	4	25-48.0 80-17.0		25-48.0 80-16.8		T.O.				
0419	25-57.0 85-30.0	2	25-55.2 82-36.2	+1.8 -6.3	25-55.4 82-36.7	+1.6 -6.7	FMY 222/48				
0453		9	26-02.5 85-42.6		26-03.0 85-43.2						
0627		9	28-09.0 92-04.0		28-07.4 92-05.1		5				
0652			28 08 93 58		28 08 93 58		Turn Point				
0724			26 37 92 12		26 37 92 12		T.P. "N"				
0751			28 25 92 24		28 23 92 22		350/16 ^{RTS} Stern Track Center Position				
0807			29 23 92 26				Outside turn to 270°T				
0830			29 24 94 21				T.P.				
0858	28 40 92 30	2	28 55 92 36	-15 -6	28 55 92 36	-15 -6	93/160° Lake Charles Eye Center				
0924			27 24 91 39		27 32 91 35						
SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE ELAPSE ALIGN POST TIME	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	Δ T (2)(1)	TERMINAL ERRORS		
									LAT	LONG	G S
INS 1						0320	1340	10420	-9.0	-2.7	0
INS 2 or IMU						0320	1340	10420	-9.3	-1.5	2
ALIGN REMARKS:											
OTHER REMARKS:											
TYPE OF FIX : (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA - INERTIAL											

[illegible]

850815H N. Danny Decco

Time	Lat	Lon	TK	HD	WD	WS	GA	PA	SP	TA	TD	PD	PS		
0406	25.84	81.51	276.8	274.3	144.5	10.2	5360	5063	1013	-2.8	-10.4	24.5	533		
0417	25.91	82.43	270.9	268.2	150	11.4	5823	5482	1016	-6.3	-18.1	25.9	5063		
0429	25.96	83.54	273.5	270.3	171	10	5822	5476	1018	-7.1	-14.8	25.5	507		
0452	26.04	85.65	271.2	268.6	217	10.6	5800	5465	1012	-5.2	-10.8	24.3	507.5		
0508	26.54	86.92	284.0	280.7	225	11.4	5788	5459	1013	-5.6	-13.0	22.8	502.8		
0524	26.98	88.25	289	283.9	213	16	5774	5454	1012	-5.1	-11.5	22.9	508.2		
0536	27.37	89.30	295	289	165	25	1523	1441	1014	18.1	15.1	24.4	851		
0545	27.94	89.64	333.9	332.5	159	29	1509	1434	1013	17.4	16.8	25.3	852		
0556	28.07	90.18	269	257	176	27	1470	1426	1009	17.9	17.5	25.4	849		
0601	28.02	90.89	270	255	78.2	31	1503	1480	1007	18.1	16.8	25.1	848		
0613	28.09	91.70	290.2	282	201	16.2	1507	1548	997	20.2	17.9	21.9	840.5		
0646	28.12	93.47	270.5	275	3	6.7	1526	1492	1008	17.1	18.8	17.3	847		
0706	27.50	93.24	134	136	296	12	1506	1473	1008	17.8	16.8	26.1	848.5		
0727	26.76	92.16	1.6	356	233	15	1507	1470	1009	17.7	17.3	26.5	848.4		
0804	29.15	92.41	0.1	14.6	93	30	1505	1532	1001	17.0	28.0	—	842		
0822	29.33	93.62	270	274.5	47	15	1518	1486	1008	17.2	16.6	26.0	849		
0844	29.05	93.57	95	89	12	17	1515	1504	1006	17.1	17.6	23.6	845		
0939	28.66	91.56	359	354	196	36	1498	1505	1003	18.6	15.3	26.2	845		
1034	28.08	94.09	118.6	118.2	304	12.3	1514	1479	1008	17.6	17.6	25.8	848		
1043	27.94	93.42	85	84.5	272	14	1503	1478	1007	17.7	16.2	26.1	847.4		
1118	28.83	91.84	115	129	216	30	1590	1598	1003	16.6	16.6	21.1	835		
1145	28.09	89.89	119.7	126.8	215	17	6094	5782	1018	-11.0	-8.1	—	486		
1202	27.43	88.40	115	117	178	9	6116	5777	1013	-7.8	-19.0	—	486		
1238	26.22	85.41	92.6	93.3	205	3.4	6141	5774	1019	-9.2	-12.9	24.1	486		
1312	26.07	82.27	87.7	88.1	137	4.6	6145	5769	1018	-8.6	-9.9	18.7	487		