

19850829H1-FDIR

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

FLT ID: 850829H	FM: KMIA	TO: KMIA
FLT NO: 44-85	BLK IN: 0408	ATA: 0403
ETD: 1900Z	BLK OUT: 1901Z	ATD: 1909Z
ETE: 9+	BLK TIME: 9:07	FLT TIME:
SPONSOR ORG: D+C	PROGRAM: RECCO	PURPOSE: H. ELENA

OAO PERSONNEL

AC TICKDOR / EICERS	SYS ENG DuGrant
CP MADDEKERD	DATA SYS Schriker
NAV SCHISSEL / SECRETAD	RADAR
FE CORRELL	BT/ODW
RADIO CALUGET	CLD PHYS
FD PARZISH	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Willoughby, H.	OAO - P.I.	
Willis, P.	OAO - C.P.	
Griffin, J.	OAO	
Leighton, M.	"	
Katrina, Daniel	CBS - ch 4	
Joe Narzinski	"	
Max Mayfield	D+C	
Susan Gatteland	OAO	

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

MJ 0905 Tasked 21,00,03Z fixes
RA out on T.O. Replaced unit.

Fix 2047Z 26°15'N, 86°30'W 98.7 mb 165/72 KT

Fix 0014Z 26°35'N, 86°35'W 98.5 mb 150/77 KT

Fix 0236Z 26°58'N, 87°01'W 98.5 mb 200/87 KT

Hard copy inop.

7 penetrations. 20 RECCO's transmitted.

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

FLT ID: 850821H

TIME OFF:

TIME ON:

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1018 SP@ 512 1017 1019	CAL LAB 1018	1018 5 SP 1019	CAL LAB 1018 2

NO

DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

1

FAST FLT LVL TAPES

RADAR TAPES

10

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

2

C.P.

18

AXBT

AXCP

ODW

PHOTOGRAPHY

	FWD	LS	RS	VERT	
ON	✓	✓	✓	20	
OFF					
RATE					

REMARKS

A/C COMMANDER TICKNER		NAVIGATOR SECRETAN		A/C NO. 42		MISSION NO. 850829 183700		TIME AIRBORNE 1909		LOCATION MIAMI		DATE 29 AUG 1985		PROJ. NAME ELENA	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION		LAT LON COR'S	REMARKS						
1900	25-48.1 080-17.5	4	25-48.1 080-17.5		0.0 0.0	25-48.1 080-17.6		0.0 -0.1	1N CHOCKS						
1922		9	26-11.6 080-45.0			26-11.6 080-45.2			264°T, 18000 GS 263 K						
1949		10	26-09.9 082-52.7			26-10.2 082-53.6			280°T, 273 K GS 2180						
2009		10	26-28.7 084-41.4			26-28.6 084-42.4									
2035		10	26-13.7 086-29.7			26-13.2 086-30.5									
2048		10	26-19.5 086-30.2			26-16.0 086-30.9			CENTER 5 INS REL. 036, 036						
2117		10	26-07.8 088-14.9			26-07.2 088-16.4			135 TK, GS 250 K						
2159		10	26-21.8 086-33.6			26-21.0 086-34.7			CENTER 5						
2228		10	28-03.8 087-05.8			28-03.8 087-07.4									
2259		10	26-26.3 086-34.3			26-25.0 086-36.4			CENTER 5						
0014		10	26-35.2 086-34.4			26-36.0 086-37.2			CENTER 5						
0116		10	26-48.1 086-48.9			26-50.3 086-50.6									
SYS	BEGIN ALIGN TIME	NCS CONN	Ω AID	TIME OUT OF COARSE	ALIGN STS 0-5	(1) TIME INTO NAV.	(2) TIME OUT NAV.	ΔT (2)(1)	TERMINAL ERRORS						
				ELAPSE ALIGN POST TIME					LAT	LONG	GS				
INS 1	1717				1	1836	0410	9+34	-5.4	+0.8	3				
INS 2 or IMU	1717				1	1836	0410	9+34	-5.5	-1.8	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															

2810
1836
9.34

[illegible]

850829H

415
885 4700
165

4711

Time	Lat	Long	TRK	WD	WS	GA	PA	SP	TA	TD	RD	PS			
1916	25.98	80.23	285	760	10	3008	1791	1017	17.6	12.8	27.7	800			
1928	26.18	81.16	268	160	15	4183	3958	1015	2.3	-5.1	26.0	615			
1955	26.27	83.38	282	162	22	5797	5487	1009	-5.4	-13.9	22.2	506			
2005	26.41	84.87	246	153	30	1508	1514	1011	16.4	15.8	18.1	844			
2012	26.41	84.87	246	153	30	1508	1514	1011	16.4	15.8	18.1	844			
2054	26.28	86.90	269	6	19.5	1524	1567	998	18.5	17.4	23.8	839	20475		
2109	26.28	88.04	270	5	15	1514	1480	1008	18.1	15.5	26.3	847	26.15	26.90	
2116	26.18	88.35	127	350	15	1525	1488	1009	17.4	20.2	24.1	851			
2127	25.64	87.68	134	318	18	1506	1481	1007	17.2	18.0	26.0	847			
2142	25.29	86.98	250	260	28	1503	1494	1006	16.4	-	18.5	844			
2151	25.84	86.91	20	295	21	1484	1515	1000	18	-		843			
2214	27.35	86.57	0.5	107	32	1534	1514	1005	17.1	-	18.1	844			
2228	28.05	87.02	274	100	25	1498	1445	1016	18.0	15.1	25.6	851			
2241	27.48	87.08	153	85	30	1457	1447	1005	18.7	17.1	22.4	851			
2253	26.79	86.81	163	72	23	1453	1521	995	19.6	17.7	22.5	843			
2314	25.62	86.07	150	217	28	1533	1521	1007	17.0	16.7	-	846	SE of ctr		
2333	25.71	85.50	15.2	204	30	1502	1456	1010	17.3	15.6	24.1	850			
2355	27.16	85.37	240	155	31	1507	1460	1010	17.8	15.3	24.5	850			
0032	26.03	87.69	241	306	22	1510	1493	1006	17.7	16.7	25.7	846	SW of ctr		
0058	25.80	87.40	9.9	270	25	1510	1498	1006	17.7	16.7	26.6	846			
0106	26.31	87.19	25	290	24	1520	1557	998	18.7	18.6	20.6	840			
0123	27.22	86.59	30.9	126	37	1531	1585	997	18.3	18.5	19.2	840			
0137	28.07	86.03													
0140	28.28	85.96	260	130	23	1470	1400	1014	17.6	15.2	25.1	854			
0152	28.10	86.93	260	110	30	1502	1453	1009	18.1	15.5	23.9	851			
0213	27.72	86.36	121	52	22	1523	1475	1010	17.7	16.7	23.7	848			
0224	27.34	87.24	135	45	20	1501	1504	1004	17.7	15.8	25.4	845			
0253	26.46	85.98	120	184	35	1500	1468	1008	18.0	14.4	22.3	849			
0301	26.22	85.54	118	190	33	1516	1454	1011	17.2	16.2	-	850	SE of eye		

FLIGHT TRACK PLOT FOR FLIGHT ID: 850829H

BEGIN TIME= 19: 0: 0

END TIME= 4: 0: 0

