

19851008I-FDIR

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

FLT ID: 851008I	FM: KMIA	TO: KMIA
FLT NO: 01-86	BLK IN: 0157Z	ATA: 0151
ETD: 17Z	BLK OUT: 1600Z	ATD: 1616
ETE: 9	BLK TIME: 9:57	FLT TIME: 9:35
SPONSOR ORG: HRD	PROGRAM: Rainband Ex	PURPOSE: ISABEL Research

OAO PERSONNEL

AC Turner	SYS ENG Schricker
CP Genzlinger	DATA SYS Stone
NAV Secretan	RADAR Gonzales
FE Fleury	BT/ODW
RADIO Calvert	CLD PHYS
FD Parrish	DOPPLER

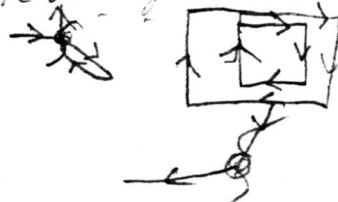
PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Mark's	P.I.	HRD
Lord	Radar	HRD
Willis	C.P.	HRD
Gangche	Radar	HRD
Dodge	Radar	HRD
Stossmeister	C.P.	HRD
Singer, Joe	Visitor	OASA

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

Problem w/ cons file before B.O. ISABEL XXXX

Radar problems while approaching storm.



Flew complete rainband ex @ 5010K.
Two soundings, 2 ODW drops.
3 center penetrations.

USE RAMAD
PA, PER NG
JDDA-2009 DAP?

83.5°C
in hanger
PS 1017.5
before B.O.
1017.8
29.5/21
70/8
SP 1017
LADD
SP 1018.5
PS 1018.0
A 1018.7
@
Block in
27.8/21.3

FLT ID:

TIME OFF:

TIME ON:

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	PS 1017.8 SP 1017	1018.6 CAL 443	SP 1018.5	4LT 1018

NO

DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	1	040
FAST FLT LVL TAPES		
RADAR TAPES	11	4RD
DOPPLER TAPES	15	14RD
ODW CASSETTES		
HARD COPIES		
C.P.	42	4RD
AXBT		
AXCP		
ODW	2	

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON	1615	1615	1645	
OFF	FLOOD	DARK	DARK	
RATE	1/5	1/5	1/5	

REMARKS

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
TURNER		SECRETAN		43		851008 154000		1615		MIAMI		8-007 1985		T.S. ISABEL	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS							
1559	25-48.3 080-17.6	H	25-48.2 080-17.6		+0.1 0.0	25-48.2 080-17.6	+0.1 0.0	CHECK OUT.							
1639		9	25-42.6 078-41.8			25-42.1 078-41.8		15000', 090°TK, 240K							
1700		10	25-45.2 076-55.4			25-45.1 076-55.2		15000', 088°TK, 280K							
1746		10	25-57.4 074-05.2			25-57.0 074-06.0									
181515		10	26-33.1 072-15.2			26-32.6 072-15.4		CENTER, D							
1918		10	28-21.5 072-08.1			28-21.2 072-09.7		091°TK, GS 202							
2037		10	28-19.3 071-57.1			28-18.5 071-59.3		GOOD LSK., INE REL. VALUE GOOD (40).							
2112		10	28-48.7 071-28.4			28-48.0 071-29.8									
2158		10	28-19.4 072-46.8			28-18.6 072-50.1									
2302		10	28-05.8 071-40.2			28-05.2 071-42.4									
2323		10	28-06.8 071-33.7			28-07.4 071-37.5		DROPSONDE.							
2335		10	28-03.5 072-24.7			28-04.3 072-28.2		DROPSONDE							
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	GS				
INS 1					2	1526	0200	10:34	+0.2	+1.5	0				
INS 2 or IMU					1	1526	0200	10:34	-0.5	-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															

2600
 1526
 1034

[illegible]