

19851009I1.FDIR

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.1 OROWF1 FILE

FLT ID: 851009I	FM: MIA	TO: MIA
FLT NO: 02-86	BLK IN: 2135Z	RTA:
ETD: 1030Z	BLK OUT: 1330Z	RTD: 1341Z
ETE: 9:30HRS	BLK TIME: 8:05HRS	FLT TIME:
SPONSOR ORG: NHC-HRD	PROGRAM: T.S. ISABEL	PURPOSE: RECCO-VRCH

OAO PERSONNEL

AC MANDELKERN	SYS ENG DUGRANT
CP TICKNER	DATA SYS GOLDSTEIN
NAV GERISH	RADAR BALL
FE RICCI	BT/ODW
RADIO CALVERT	CLD PHYS
FD DAVIS	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
BLACK, P	PI	HRD
DORST, N	DOPPLER	HRD
GOLDENBERG, S	C.P.	HRD
JATNALL, T	CAM	HRD
GRIFFEN, J	RADAR	HRD

47

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

RECCO + 122, 152, 182 FIXES

T/D DLAD-AIC

1515Z 5 28°11'N 75°51'W 030°/55 KTS ELP 1005MB

1818Z 5 28°15'N 76°38'W 065°/65 KTS ELP 1004MB

1945Z 5 28°00'N 76°53'W 170°/45 KTS ELP 1004MB

PE-NL

FINAL RUN 12/03/85

THE TTI AND PARI DAMAD

2107-1 JP00128P1

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

FLT ID: 851009I TIME OFF: 1335Z TIME ON:

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1018.3	1018.7	1014.9	1015.6
	NO	DATA DISPOSITION/DATE/QUALITY		

1/SEC FLT LVL TAPES

1

FAST FLT LVL TAPES

RADAR TAPES

8

TO HND

DOPPLER TAPES

2

TO HND

ODW CASSETTES

1

TO HND

HARD COPIES

2

TO HND

3

TO HND

FLT LVL PD

2

1 TO HND

AXBT

AXCP

ODW

PHOTOGRAPHY

FWD

LS

RS

VERT

ON

1421Z 1421Z

OFF

2045Z 2045Z

RATE

REMARKS

OUT

PSR=1019.3

A/C COMMANDER		NAVIGATOR		A/C NO.		MISSION NO.		TIME AIRBORNE		LOCATION		DATE		PROJ. NAME	
MANDELKERN		GERICH		N/43 RF				1341		Miami		Oct. 9 85		Hurricane Isabel	
TIME OF ENTRY	POSITION		TYPE	INERTIAL POSITION		LAT LON COR'S		POSITION		LAT LON COR'S		REMARKS			
1333	25 48.3 80 17.6			25 48.2 80 17.6		+1.1 0		25 48.4 80 17.6		+1.1 0		Block Out			
1341	25 48.0 80 17.6			25 48.0 80 17.6		0 0		25 48.0 80 17.6		0 0		Airborne			
1518				28 11.5 75 53.1				28 12.2 75 52.9				Wind Center			
1620				28 08.7 75 59.7				28 08.5 75 59.7				Wind Center approx 28 09: 7605			
1650				28 08.2 76 09.9				28 08.2 76 12.2				Wind Cent approx 2810 7615			
1658				28 13.1 76 16.5				28 13.4 76 19.1				Wind Center			
1818				28 17.3 76 36.6				28 16.8 76 39.7				Wind Center			
1945				28 20.0 76 54.5				28 18.8 76 58.8				Wind Center			
2132	25 48.0 80 17.6			25 43.3 80 17.5		+4.7 +0.1		25 43.1 80 20.7		+4.9 -3.1		Land			
2135	25 48.3 80 17.6			25 43.4 80 17.6		+4.9 0		25 43.3 80 20.8		+5.0 -3.2		Block In			
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.	ΔT (2)(1)	TERMINAL ERRORS						
									LAT	LONG	GS				
INS 1			Y		5	1327	2135	8.1	+4.9	0	1				
INS 2 or IMU			Y		5	1329	2135	8.1	+5.0	-3.2	1				
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															

OCT 9 1985

Flight # 19851009I1-RADAR
A. C. # N43RF
Operator Griffin
Radar Tech. Du Granrut

Number of digital magnetic tapes on board 20

Number of video tapes on board ✓

Number of tape labels on board ✓

Component systems up and checked:

RDSC ✓

VTR ok

Computer ✓

DSC1

DMTR1 ✓

DSC2 down

DMTR2 ✓

Scopes ✓

NO ✓

LF ✓

TA

Time correction between radar time and digital time +1

Radar Postflight Summary

Number of digital tapes used DMTR 1 4

DMTR 2 4

Number of video tapes used 1

Significant recorder down time (other than for tape changes):

DMTR: LF
NO
TA

VTR: LF
NO
TA

Other problems: (stabilization, interference, etc.)

OCT 9 1985

FLIGHT 851009I1

AIRCRAFT N43RF

OPERATOR *Griffin*

SHEET / OF

[illegible]

NHEML RADAR LOG

851009Z

RADAR DOWN-TIME LOG

ITEM

TIME DOWN

TIME UP

PROBLEM

DSC2

ITEM LIST: VTR, EMRI, LARE, COME, ROCE, ... , DSC2