

19850815I1-FDIR

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

FLT ID: 850815I	FM: MIA	TO: MIA
FLT NO: 54-85	BLK IN: 2025Z	ATA: 2021Z
ETD: 1200Z	BLK OUT: 1155Z	RTD: 1211Z
ETE: 10HRS	BLK TIME: 8:30HRS	FLT TIME: 8:10HRS
SPONSOR ORG: NHC	PROGRAM: DANNY	PURPOSE: RECCO

OAO PERSONNEL

AC TURNER	SYS ENG BERTLES
CP GENZLINGER	DATA SYS STONE
NAV SECRETAN	RADAR GONZALEZ
FE FLEURY	BT/ODW ADAMS
RADIO CALVERT	CLD-PHYS TAGGART
FD DAVIS	DOPPLER MCFADDEN

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON R/C	AFFILIATION
BURPHEE	P/T	HRD
DORST	RADAR	HRD
GOMACHE	RADAR	HRD
BOGERT	OBS	OAO

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

PROVIDE-RECCO 6 15Z, 21Z, 00Z FIXES

1458Z G 29°20'N 92°40'W 190°/75KTS 987MB XMTD

1600Z G 29°27'N 92°43'W 230°/75KTS 987MB XMTD

CENTER MOVED INLAND

RE-NAV, NO CONS

3 PENETRATIONS

59- INET TT1 AV2 POR1 DA MOD

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OADWF2 FILE

FLT ID: 850815Z TIME OFF: 1155Z TIME ON: 2025Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1015.6	1016.2	1015.3	1016.3

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

1

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

ODW

PHOTOGRAPHY

	FWD	LS	RS	VERT	
ON					
OFF					
RATE					

REMARKS

A/C COMMANDER TURNER		NAVIGATOR ADAMS SECRETAN		A/C NO. 43	MISSION NO. 850815 114700		TIME AIRBORNE 1212		LOCATION MIAMI		DATE 15-AUG 1985		PROJ. NAME DANNY	
TIME OF ENTRY	POSITION	TYPE	INERTIAL POSITION		LAT LON COR'S	POSITION	LAT LON COR'S	REMARKS						
1155	25-48.2 080-17.6	4	25-48.2 080-17.6		0.0 0.0	25-48.2 080-17.5	0.0 +0.1	BLACK OUT.						
1212		9	25-48.1 080-15.4			25-48.0 080-15.4		TAKE OFF.						
1224		10	26-11.5 080-46.9			26-11.4 080-47.2								
1250		10	27-08.0 082-32.5			27-08.2 082-33.3								
1323		10	28-06.8 085-29.1			28-07.2 085-28.5								
1346		10	28-34.0 087-27.8			28-33.8 087-26.3								
1418	29-10.5 090-06.2	2	29-06.4 090-07.2		+4.1 -1.0	29-05.9 090-08.1	+4.6 -1.9	POSITION UPDATED ON BOTH INE'S.						
1447	29-33.0 092-15.0	2	29-31.2 092-19.0		+1.8 -4.0	29-29.0 092-16.8	+4.0 -1.8	" "						
1520		10	27-57.6 092-42.8			27-54.6 092-40.3								
1554	28-39.8 091-27.5	2	28-35.8 091-32.7		+4.0 -5.2	28-31.8 091-34.4	+8.0 -5.9	BOTH INE'S UPDATED						
1608	29-14.0 092-17.5	2	29-14.8 092-19.9		-0.8 -2.4	29-11.9 092-19.8	+2.1 -2.3	" " "						
1618		10	29-40.2 092-45.1			29-37.6 092-44.0		CENTER 5 1						
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	G S			
INS 1					1	1136	2024	8+48	+5.5	+8.4	7			
INS 2 or IMU					1	1136	2024	8+48	+3.3	+10.8	5			
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														

1924
1136
8+48

[illegible]

0AO/SED-E&TSB FLIGHT PERFORMANCE LOG

TECH CREW: BERLES, STONE, GONZALEZ FLIGHT ID: 850815I
 AIRCRAFT: N43RF MISSION: HURRICANES 85
 TIME: (PRE-FLIGHT) 1000Z (TAKE-OFF) 1217Z (LAND) 2018Z

SYSTEM			PRE-FLIGHT	IN-FLIGHT	POST-FLIGHT			
	ALIGN	PI	AID			LAT	LON	GS
N	INE1	Ø		✓		+5.5	+8.4	7
A	INE2	Ø		✓		+3.3	+10.8	5
V	ONE		(1) ✓					
	DOPLR		✓					
R	INTEGRATION (PRI'S)							
A	NOSE	N/A	✓			# TAPES: —		
D	L/F	15	✓	WVGD PRESS				
A	TAIL	63	NI	PUMP ON? ✓				
R	DATA SYSTEM			✓				# TAPES: 2
	DOPPLER			NI				# TAPES: —
TEMP	CAL HI	CAL LO	AMBIENT			CAL HI	CAL LO	
TEMP #1	+30.8	-29.9	+28.8			+30.5	-30.1	
TEMP #2	+31.2	-29.9	+29.6			+30.8	-30.1	
DEW POINT (CLEANED N)			✓					
ATTACK ANGLE (AP/DAP)			✓					
SLIP ANGLE (BP/DBP)			✓					
ABSOLUTE PRESSURE (PS)			✓					
DIFFERENTIAL PRESSURE (PQ)			✓					
ROSEMOUNT PRESSURE XDCRS			✓					
RADAR ALTIMETER S/N: SW-2			✓					
J&W			✓					
SURFACE RADIOMETER			✓					
CO2 RADIOMETER			✓					
P	OAP2D-C		✓					
M	OAP2D-P		NI					
S	FSSP-100		(2) ✓					
	DATA SYSTEM			✓				# TAPES: —
ICE RATE DETECTOR			NI					
RAMS DATA SYSTEM			✓	(3)(5)				# TAPES(SLO): 1
CLEAN MAG TAPE HEADS			✓					# TAPES(FAST): —
EXTERIOR WALK-AROUND			✓					
ASDL			✓	(6)				# MESSAGES:
HARDCOPY			✓					POWER OFF? ✓
SCIENTIFIC POWER SYSTEMS			✓					
SFMR			✓	(4)				
AXCP			NU					
P		RATE	(COUNTS)	ON	TIME	OFF	(COUNTS)	
H	1) FORWARD		N/A					
O	2) VERTICAL		N/A					
T	3) LEFT SIDE		N/A					
O	4) RIGHT SIDE		N/A					
AXBT SYSTEM			NU					
ODW SYSTEM			NU					
AXBT EXPENDABLES:			# ON BOARD:	# DROPPED:			# GOOD:	
DROPSONDES:			# ON BOARD:	# DROPPED:			# GOOD:	
CUMMULATIVE ACCEL. (MELC)			#1 (2G)	#2 (2.5G)	#3 (3G)	#4 (3.5G)		
(LOG AT END OF FLIGHT)			8078	6679	5966	2892		

CPTFILE: FLOG3HUR85

CODE: - OPERATIONAL; X(#)(TIME) - FAILURE (NOTE);

NI - NOT INSTALLED; NU - NOT USED

USE REVERSE SIDE FOR NOTES.

REPORT COMPLETION OF PRE-FLIGHT AND INSTRUMENT STATUS TO FLIGHT DIRECTOR.

- (1) NCS CONTROL PANEL, VERY DIFFICULT TO INSERT NUMBERS. ACTS LIKE DIRTY SWITCHES.
- (2) FSSP INOP, NO LASER BEAM
- (3) ADC1 MALF. MSGS. HAD TO REMOVE SFMR CONTROL PANEL TO OPEN ADC1. RELOCATED SFMR PANEL NEXT HIGHER POSITION.
- (4) DO A PROPER INSTALLATION ON SFMR PANEL.
- (5) SCREENS 3, 8, 9 HAVE GLITCHES. SEE ATTACHED COPIES.
- (6) WHILE ASDL IS TRANSMITTING, SCREEN DISPLAY OF TYPED ENTRIES IS INHIBITED. IS THIS OK?
- (3A) PROBLEM APPEARS TO BE IN C35 CARD, WEDGED IN PLACE, WORKS OK.