

U.S. DEPT. COMM./NORAD/OAO - DATA SECTION WORK FORM NO.1 OADWF1 FILE

FLT ID: 971223N	FM: KBFI	TO: KMCF
FLT NO: 98-006	BLK IN: 1457Z	ATA: 1454Z
ETD: 0900Z	BLK OUT: 0847Z	ATD: 0857Z
ETE: 1630Z	BLK TIME: 6:10 6:2	FLT TIME: 5:57 5:9
SPONSOR ORG: NWS	PROGRAM:	PURPOSE: TARGETING

OAO PERSONNEL

AC PLAYER, G ✓ / FINKE, M ✓	SYS ENG HILL, J ✓
CP MAXSON, B ✓ / MCCANN, B ✓	DATA SYS GOLDSTEIN, A ✓
NAV	RADAR
FE	BT/ODW
RADIO	CLD PHYS
FD CZ424K, S ✓ / WHITE, S ✓	DOPPLER KITSON, G

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
FRANKLIN, J ✓	HAPS	HRD

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

MISSION ABORTED @ IP FLY TO SAVANNAH

1353 2 MIST 400000 11/10 3013

U.S. DEPT. COMM./NOAA/ORD - DATA SECTION WORK FORM NO.2 DROWF2 F

FLT ID: 971223N

TIME OFF: 0857Z

TIME ON: 1457Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1019.0	30.15		

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES		
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
DDW CASSETTES		
HARD COPIES		
AXBT		
AXCP		
DDW		

PHOTOGRAPHY

	FWD	LS	RS	VERT	
ON					
OFF					
RATE					

REMARKS

971223N

[illegible]

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
(NOAA)
Aircraft Operations Center
MacDill Air Force Base,
Florida

Mission Tasking from CARCAH
NOAA9 WCWS WX
Takeoff (Date and Time): 230900Z

Aircraft Type	Gulfstream IV-SP
Call Sign	NOAA 49
Tail Number	N49RF
Altitude	Block F410-F450
Airspeed	~Mach 0.72-0.76 450 KTAS (Average)

Proposed/Final Drop Points

Drop Number	LAT(N)/LONG(W) Degrees and minutes	Dist. (nm)	ETE	ETA Date and Time(Z)
	Seattle (KBFI)			
	Brownsville, TX (BRO)	~1800	~4+00	231300
1	26 00/96 00	100	0+13	231313
2	25 20/94 40	80	0+10	231323
3	24 50/93 20	80	0+10	231333
4	24 30/92 00	80	0+10	231343
5	25 20/93 00	80	0+10	231353
6	26 20/93 50	80	0+10	231403
7	27 30/95 00	80	0+10	231413
8	27 10/93 40	80	0+10	231423
9	26 45/92 10	80	0+10	231433
10	26 20/90 45	80	0+10	231443
11	26 00/89 20	80	0+10	231453
12	25 30/87 40	80	0+10	231503
13	25 00/86 00	80	0+10	231513
14	26 00/86 40	70	0+09	231522
15	27 00/87 20	70	0+09	231531
16	28 00/88 00	70	0+09	231540
17	28 00/86 30	75	0+10	231550

18	27 52/85 15 (KISSK)	75	0+10	231600
19	27 50/83 00	75	0+10	231610
	Tampa (KMCF)	60	0+15	231625

POC for G-IV: Sean White

NOAA/AOC

PO Box 6829

MacDill AFB, FL 33608

Cellular #	813/833-3275	until 212230Z
Seattle #	206/248-1000 Holiday Inn	221600-230500Z
Office #	813/828-3310 ext3072	alternate (leave message)

NOAA/AOC/SED Flight Performance log - N49RF

N49RF Project: Hurricane 97 Project No 410 Flight No. 12 Flight ID: 971223
 SED Crew: Hill, Goldstein, White, Czyzyk Mission: Winter Storm
 Pre-Flight: 0815 Z Take-Off: 0857 Z Landing: _____ Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight	
	IRS #1		✓			
N	IRS #2		✓			
A	IRS #3		✓			
V	GPS Honeywell #1		✓			
	GPS Honeywell #2		✓			
	GPS Collins		✓			
	Nose Radar Collins				Off? ☐	
		Time	Temp °C		Time	Temp °C
	Temp #1	0817	2.6	✓		
T	Temp #2		2.6	✓		
E	Temp #3		2.5	✓		
M	Temp #4		2.5	✓		
P	DP Left		-1.0	✓	Cal. Time:	
	DP Right	0817	1.2	✓	Cal. Time:	
P	Attack Angle (ADCAOA)		✓			
R	Slip Angle (BP/DBP)		✓			
E	Differential (PQ1/PQ2)		✓			
S	Absolute (PS1/PS2)		✓			
S	Check Radome Press. Lines ☐					
S	DOWN PRT-5 ⇌ Open? ☐		✓		Closed? ☐	
Y	MADS (WINDS/DISCWIN)		✓		# DATs:	
S	MADS Printer ⇌ Paper? ☐		✓		Printer Pwr off? ☐	
T	MADS Cal. Date: 12/21		QC time:		QC time:	
E	WINDS ⇌ NET BCAST ☒		✓			
M	HAPS System / Time set? ☐				# Msg.: # Attempts:	
S	AVAPS System / Time set? ☒		✓			
	AVAPS Printer ⇌ Paper? ☒		✓			
	Exterior Walk Around					
	Inspect DropSonde Chute Bolts		✓			
	Satcom (Flight Phone)				Off CB? ☐	
	Call COMSAT? ☐ (*292#)					
M	FCU/UPS/CB		CB's Checked? ☒		UPS off? ☐	
I	AVAPS Sondes		# On Board: 33	# Dropped:	# Good:	
S	AXBT		# On Board: 0	# Dropped:	# Good:	
C	APN-232					
	Modem Power On? ☒		✓			

1	DAT Tape #1	On: 0840	Off: 1407
2	DAT Tape #2	On:	Off:
Comments: <u>MISSION ABORTED DUE TO HYDRAULIC FAILURE</u>			