

U.S. DEPT. COMM./NOAA/DAO - DATA SECTION WORK FORM NO.1 DAOWF1 FILE

FLT ID: 99 09 08N	FM: MCF	TO: TISX
FLT NO: 99-048	BLK IN: 1848	ATA: 1844
ETD: 16Z	DLK OUT: 1549	RTD: 1559
ETE: 3+	BLK TIME: 2:59(3.0)	FLT TIME: 2:45(2.8)
SPONSOR ORG: NHC	PROGRAM: T.S. Floyd G.W.V.	PURPOSE: Ferry

DAO PERSONNEL

AC McCann 7 Finkle ✓	SYS ENG Goldstein ✓
CP Yates ✓	DATA SYS Norakrook ✓
NAV White ✓	RADAR
FE Kirtson	BT/ODW Smith ✓
RADIO	CLD PHYS
FD Parrish ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
Landala, C. ✓	NAPs	HRD
Aberson, S. ✓	↓	↓

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

Ferry to TISX for TS Floyd.
 Flew through cold low near 20N, 69W.

14582.	1747Z
290/10	120/12
20/24	32/26
29.91	29.91
+24	93/7
27/24	33/25
1011.3	
190/9	

=====

HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: FLOYD

Prepared by the Hurricane Research Division at 07:06:01 PM on 09/08/99.
File: 990909n.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 09/1730Z

=====

DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	20 12	61 12		0:44
2	22 29	61 06		1:03
3	24 45	61 00		1:22
4	24 45	58 00		1:44
5	21 30	58 00		2:10
6	21 30	55 00		2:33
7	24 30	55 00		2:58
8	24 45	53 00		3:13
9	25 00	51 00		3:28
10	25 15	49 00		3:42
11	22 30	47 00		4:09
12	22 15	49 30		4:28
13	22 00	52 00		4:47
14	19 00	53 00		5:13
15	19 30	50 00		5:37
16	20 00	47 00		6:00
17	18 00	48 30		6:20
18	16 00	50 00		6:40
19	15 27	52 30		7:00
20	14 54	55 00		7:20
21	14 54	57 20		7:39
22	14 54	59 40		7:57
23	14 54	62 00		8:16
24	16 18	63 24		8:31

1730
830
0200

17

202120

2200
2146

2215

1800

2233
2243

1527

2326Z
1808Z
5705W
995
68

00Z

2500 sc

V 7+
calm

28/24

29.86

509X

340/1.6

NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Hurr. 99 Project No. 930 Flight No. Ø Flight ID: 99090812
 SED Crew: Goldstein, Smith, Hornbrook Mission: Ferry to St Croix (Flayed)
 Pre-Flight: 1500 Z Take-Off: 1558:50 Z Landing: 1844:30 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check	
NAV	IRS #1		<u>ch</u>			
	IRS #2		<u>ch</u>			
	IRS #3					
	GPS Honeywell #1		<u>ch</u>			
	GPS Honeywell #2		<u>ch</u>			
	GPS Collins		<u>ch</u>		Off? ☒ <u>ch</u>	
	Nose Radar -Collins		<u>ch</u>		Off? ☐	
TEMP	Time	Temp °C			Time	Temp °C
	Temp #1	<u>1521</u>	<u>27.7</u>		<u>1845</u>	<u>37.9</u>
	Temp #2		<u>27.7</u>			<u>36.0</u>
	Temp #3		<u>27.3</u>			<u>36.8</u>
	Temp #4		<u>28.5</u>			<u>36.4</u>
	DP Left		<u>21.9</u>	Cal. Time:		<u>22.7</u>
	DP Right	<u>↓</u>	<u>23.0</u>	Cal. Time:	<u>↓</u>	<u>23.0</u>
PRES	Attack Angle (ADCAOA)		<u>ch</u>			
	Slip Angle (BPx/DxPx)		<u>ch</u>			
	Differential (PQ1/PQ2)		<u>ch</u>			
	Absolute (PS1/PS2)		<u>ch</u>			
	Check Radome Press. Lines ☒	Date: <u>9/8/99</u>				
SYSTEMS	DOWN PRT-5 ⇒ Open? ☐	Not USED			Closed? ☐ <u>N/A</u>	
	MADS (WINDS/DISCWIN)		<u>ch</u>		# DATs: <u>1</u>	
	MADS Printer ⇒ Paper? ☒		<u>ch</u>		Printer Power off? ☒	
	MADS Cal. Date: <u>8/26/99</u>	QC time: <u>1525</u>			QC time: <u>1845:33</u>	
	WINDS ⇒ NET BCAST ☒		<u>ch</u>			
	HAPS System / Time set? ☒	<u>ch</u>			# Msg: <u>Ø</u> # Fail: <u>Ø</u>	
	AVAPS System	<u>JAS</u>				
SYSTEMS	K2 Printer ⇒ Paper? ☒		<u>ch</u>		Printer Power off? ☒	
	Exterior Walk Around ☒		<u>ch</u>			
	Inspect DropSonde Chute Bolts	<u>JAS</u>	<u>ch</u>			
MISC	Satcom (Flight Phone) ☒				Off CB? ☒	
	Call COMSAT? ☒ (*292#)		<u>ch</u>			
	FCU/UPS/CB	CB's Checked? ☒	<u>ch</u>		UPS off? ☒	
	AVAPS Sondes	# On Board: <u>157</u>	# Dropped:		# Good:	
	AXBT	# On Board: <u>N/A</u>	# Dropped: <u>N/A</u>		# Good: <u>N/A</u>	
	APN-232 Altimeter		<u>ch</u>			
	Modem Power On? ☒		<u>ch</u>			

1	DAT Tape #1 <u>15</u>	On: <u>1549</u>	Type:	Off: <u>1848</u>
2	DAT Tape #2	On:	Type:	Off:
Comments:				