

FLT ID: N980730	FM: KMCF	TO: TISX
FLT NO: 98-034	BLK IN: 1510Z / 1925Z	ATA: 1507Z / 1921Z
ETD: 1430Z	BLK OUT: 1421Z / 1644Z	ATD: 1429Z / 1652Z
ETE:	BLK TIME: :49 / 2:41	FLT TIME: 1:38 / 2:29
SPONSOR ORG: NHC	PROGRAM: HURR. SURVEILLANCE	PURPOSE: FERRY TO ST. CROIX

DAO PERSONNEL

AC PLAYER	SYS ENG GOLDSTEIN
CP MAXSON/MCCANN	DATA SYS HORN BROOK
NAV	RADAR
FE KITSON	BT/ODW SMITH
RADIO	CLD PHYS
FD DAMIANO	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
WHITE	PM	AOL
FRANKLIN	HAPS	HRD
GAMACHE	HAPS	HRD

17
 PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #) 12.5Z
 2 MB diff between PS1M + PS2M STOPPED IN OPF * 29.21 300.9
 pick up James Franklin + John Cornacoff

JASON DUNION (HURR CERT.)
 ERIKA 97

at 1709Z
 TT4 less than
 other 3 TTs

161245Z
 Sent message
 AP
 618Z

1746Z callb started
 1748Z callb done
 1803Z BAL DWL ride

Following
line out

1453Z
300

U.S. DEPT. COMM./NOAA/ORO - DATA SECTION WORK FORM NO.2 DROWFZ FILE

FLT ID: N980730 TIME OFF: 1429Z / 1652Z TIME ON: 1507Z / 1921Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1018.6 / 1018.2	30.09 / 30.08	1018.3 / 1014.9	30.08 / 30.03

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	2	
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
ODW CASSETTES		
HARD COPIES		
AXBT		
AXCP		
GPS GPS	1	

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS OPF 2555 54.6
80 16.41

BEA
123.0

Left DP too warm at 45K

1858Z all TTs in line

N980730

TIME	LAT	LOX	TRK	HD	WD	m/s WS	TH	TD	PA	GA	SP	PS		PO
143130	27.7	82.6	188	187	232	6.0	17.7	7.0				850		99.0
					209	4.5	8.4	-1				700		
144100	26.9	82.1	141	139	134	4.5	-4.7	-7.4	5166	5445		528.2	THNCLD	155.9
144410	<i>in the cld</i>													
144800	26.3	81.6	123	121	114	7	-3.9	-15.9	5116	5344		533.5	ABV CLD	132.0
145310					74	7.4	9.3	-8.3				700		
145940	<i>in cld</i>													
165500	25.4	80.3	104	101	95	9.5	11.5	0.3	2823	3019	-	707	CLR	97.3
170610	<i>in cld</i>													
170830	<i>Deviate around CB</i>													
171430	25.5	77.4	121	117	48	9.1	-38.33	-47.4	10109	10654	-	259.8	CLR	119.3
172000	24.8	76.0	121	117	71	10	-65.9	-75.8	14328	14338	-	144.9	DROP	76.1
173800	23.48	75.05	121	119	92	9.1	-65.5	-76.3	14328	14330	-	145.2	CLR	82.6
174355	<i>small splash</i>													
181000	21.9	71.26	123	120	73	10	-65.3	-77.2	14300	14263	-	145.4	CLR	82.5

N980730

174547-174548

USE PINE PIR

time glitch

USE TTL

DP2 / DBP2

AP4 / DAP4

USE DPR

USE PSM1

GPSALT

N49RF Hurricane 98 AVAPS DropSonde Log

N49RF Project: Alex Ferry-HX Flight ID: 980730N

Mission: _____ Flight #: Ø System Status: ✓

Drop #	Sonde Serial Number	Time (Z)	Chn #	Press. offset	Winds time	Operator Init.	Comments Drop Status	GOOD <input checked="" type="checkbox"/>
1	971520034	1730	1	-.6	45	JAS	Rev 4.1.2	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								

NOAA/AOC/SED N49RF Flight Performance log - Hurricane 98

N49RF Project: _____ Project No 420 Flight No. 0 Flight ID: 980730N
 SED Crew: Goldstein, Smith, Hornbrook Mission: _____
 Pre-Flight: 1330 Z Take-Off: 1429/16 Z Landing: 1505/1921 Z

SYSTEM		Pre-Flight Check		In-Flight		Post-Flight	
N A V	IRS #1	<i>chk</i>					
	IRS #2	<i>chk</i>					
	IRS #3	<i>chk</i>					
	GPS Honeywell #1	<i>chk</i>					
	GPS Honeywell #2	<i>chk</i>					
	GPS Collins	<i>chk</i>					
Nose Radar -Collins						Off? <input type="checkbox"/>	
		Time	Temp °C			Time	Temp °C
T E M P	Temp #1	<u>1350</u>	<u>36.60</u>			<u>1922</u>	<u>35.3</u>
	Temp #2	<u> </u>	<u>31.4</u>			<u> </u>	<u>35.5</u>
	Temp #3	<u> </u>	<u>34.9</u>			<u> </u>	<u>35.9</u>
	Temp #4	<u> </u>	<u>31.1</u>			<u> </u>	<u>33.3</u>
	DP Left	<u> </u>	<u>23.7</u>		Cal. Time: <u>1750</u>	<u> </u>	<u>25.0</u>
	DP Right	<u> </u>	<u>22.8</u>		Cal. Time:	<u> </u>	<u>24.8</u>
P R E S S	Attack Angle (ADCAOA)	<i>chk</i>					
	Slip Angle (BP/DBP)	<i>chk</i>					
	Differential (PQ1/PQ2)	<i>chk</i>					
	Absolute (PS1/PS2)	<i>chk</i>					
	Check Radome Press. Lines <input type="checkbox"/>	<i>N/A</i>					
S Y S T E M	DOWN PRT-5 ⇒ Open? <input checked="" type="checkbox"/>	<i>chk</i>				Closed? <input checked="" type="checkbox"/>	
	MADS (WINDS/DISCWIN)	<i>chk</i>				# DATs: <u>2</u>	
	MADS Printer ⇒ Paper? <input checked="" type="checkbox"/>	<i>chk</i>				Printer Pwr off? <input checked="" type="checkbox"/>	
	MADS Cal. Date: <u>7/30/98</u>	QC time: <u>1350</u>		Cal <u>7/30/98</u> <u>14324 m</u>	<u>1748 Z</u>	QC time: <u>1921</u>	
	WINDS ⇒ NET BCAST <input checked="" type="checkbox"/>	<i>chk</i>					
	HAPS System / Time set? <input checked="" type="checkbox"/>	<i>James</i>				# Msg.: <u>1</u> # Attempts: <u>2</u>	
	AVAPS System / Time set? <input checked="" type="checkbox"/>	<i>JS</i>					
	AVAPS Printer ⇒ Paper? <input checked="" type="checkbox"/>	<i>chk</i>					
	Exterior Walk Around	<i>chk</i>					
	Inspect DropSonde Chute Bolts	<i>chk</i>					
	Satcom (Flight Phone)	<i>N/A</i>				Off CB? <input checked="" type="checkbox"/>	
	Call COMSAT? <input checked="" type="checkbox"/> (*292#)	<i>chk</i>					
M I S C	FCU/UPS/CB	CB's Checked? <input checked="" type="checkbox"/> <i>JS</i>				UPS off? <input checked="" type="checkbox"/>	
	AVAPS Sondes	# On Board: <u>110</u>		# Dropped: <u>1</u>		# Good: <u>1</u>	
	AXBT	# On Board: <u>N/A</u>		# Dropped: <u>N/A</u>		# Good: <u>N/A</u>	
	APN-232	<i>chk</i>					
	Modem Power On? <input checked="" type="checkbox"/>	<i>chk</i>					

1	DAT Tape #1	<u>980730N A</u>	On: <u>1420</u>	Off: <u>1510</u>
2	DAT Tape #2	<u>980730N B</u>	On: <u>1620</u>	Off: <u>1925</u>

Comments:

