

FLI ID: N980918	FM: KMCF	TO: TISX
FLT NO: 98-051	BLK IN: 1355Z / 1642Z	ATA: 1351Z / 1639Z
ETD: 1300Z	BLK OUT: 1301Z / 1407Z	ATD: 1309Z / 1413Z
ETE:	BLK TIME: :54 / 2:35	FLT TIME: :42 / 2:00 26
SPONSOR ORG: NHC	PROGRAM: HURR. SURVEILLANCE	PURPOSE: H. GEORGES

OAD PERSONNEL

AC MAXSON	SYS ENG HILL
CP FINKE, McCANN	DATA SYS PRADAS - BERGNES
NAV	RADAR
21 FE KITSON	BT/ODW McNAMARA / McMILLAN
RADIO	CLD PHYS
FD DAMIANO	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAD

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
WHITE	PM	AOC
WHITE	PM	AOC
FINDEISEN ()	OBS	HRD
FRANKLIN	NAVS	HRD
ROGERS	OBS	HRD

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

FINDEISEN GOT OFF IN OPF.

FRANKLIN + ROGERS GOT ON IN OPF.

FERRY TO ST. CROIX THEN DO 6 HR DROBSONDE MISSION OUT OF ST. CROIX

1459Z Calibrating TT's

U.S. DEPT. COMM./NOAA/ORO - DATA SECTION WORK FORM NO.2 DROWF2 FILE

FLT ID: *N980918* TIME OFF: *1309Z/14/32* TIME ON: *1351Z/1639Z*

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	<i>1011.4</i>	<i>29.88</i>	<i>1012.6/101</i>	<i>29.91 / 29.98</i>

NO DATA DISPOSITION/DATE/QUALITY

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

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

ID: N980918	FM: TISX	TO: TISX
ET NO: 98-051	BLK IN: 0055Z	ATA: 0050Z
ETD: 1800Z	BLK OUT: 1824Z	ATD: 1830Z
ETE:	BLK TIME: 6:31	FLT TIME: 6:20
SPONSOR ORG: NHC	PROGRAM: H. SURVEILLANCE	PURPOSE: H. GEORGES

DAO PERSONNEL

AC: MAXSON	SYS ENG: HILL
CP: FINKE, McCANN	DATA SYS: PRADAS-BERNES
NAV: 21	RADAR:
FE: KITSON	BT/ODW: McNAMARA/McMILLAN
RADIO:	CLD PHYS:
FD: DAMIANO	DOPPLER:

PARTICIPATING SCIENTIST/VISITORS/DAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
FRANKLIN	NAPS	HRD
ROGERS	OBS	HRD
WHITE	PM	A/C

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

BAL DPT DPR 194230Z-1949Z 231230Z TT spikes

DPLI 1951Z-1958Z

201040Z Discom locked-up 2333Z TT rise

201600Z Backup

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.2 OAOWF2 FILE

FLT ID: *N980918* TIME OFF: *1830z* TIME ON: *0050z*

	A/C T/D	WX STN	A/C LAND	WX STN
PRESSURE	<i>1010.74</i>	<i>29.94</i>	<i>1013.0</i>	<i>29.94</i> <i>3</i>

NO DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES	<i>1</i>	
FAST FLT LVL TAPES		
RADAR TAPES		
DOPPLER TAPES		
ODW CASSETTES		
HARD COPIES		

AXBT		
AXCP		
<i>GPS</i>	<i>14</i>	

PHOTOGRAPHY

	FWD	LS	RS	VERT	
ON					
OFF					
RATE					

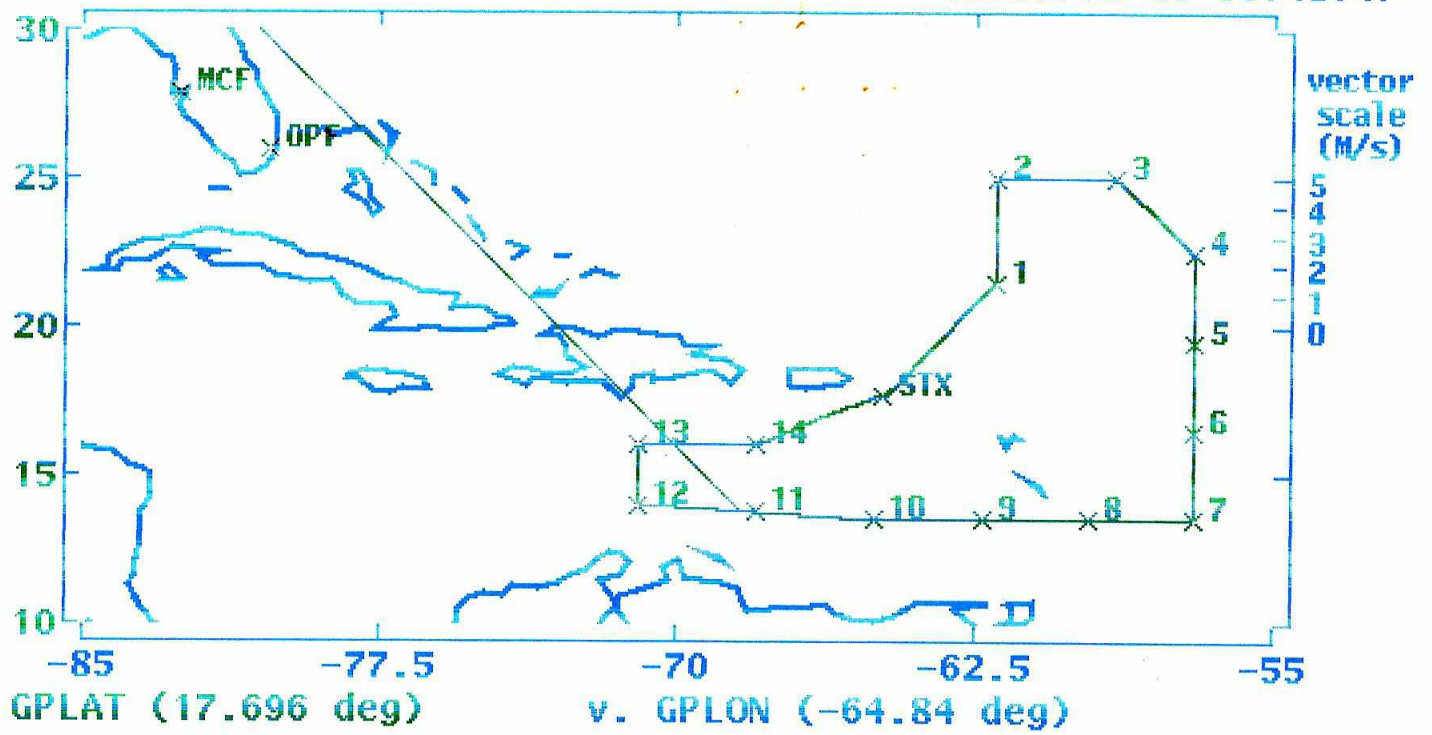
REMARKS *22*
25

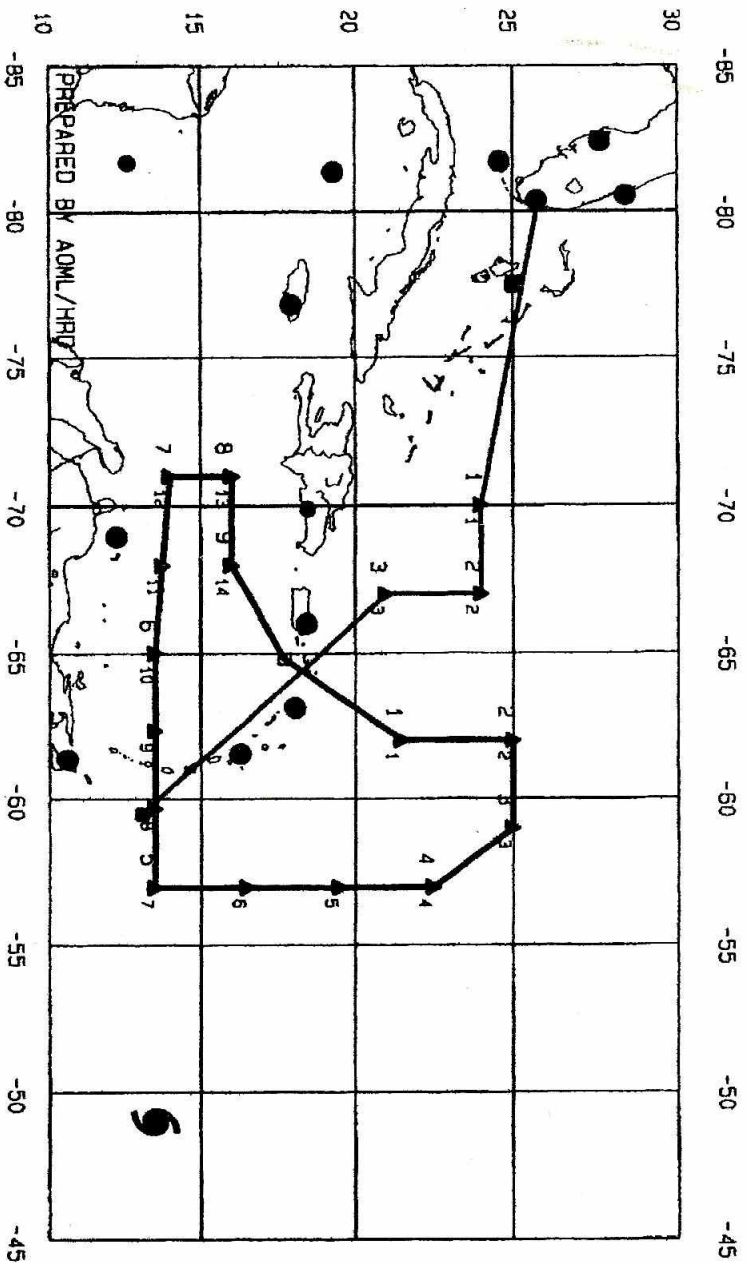
N980918

m/s

TIME	LAT	Lon	TRK	HD	WD	WS	TA	TD	PA	GA	PS			PC
145300	2400	7545	121	113	26	25	-59.3	-60.8	12538	13158	176.4	FN	CLD	76.5
151200	2246	7330	121	115	44	22	-67.9	-72.8	13704	14304	144.9		CLR	78.8
160400	1925	6740	123	124	172	11	-63.1	-77.1	13679	14248	145.6	#BV	CLD	77.9
191048	2135	6200	6	0	224	20	-59.6	-72.3	12558	13088	175.8		DROP	87.7
192400	2320	6200	0	354	232	25	-59.1	-72.7	12557	13080	175.8		CLR	90.5
193756	2500	6147	87	88	121	7	-59.7	-73.4	12563	13067	175.7		DROP	88.1
195000	2500	6008	90	91	210	12	-59.2	-74.0	12570	13070	175.6		CLR	88.0
195837	2455	5856	133	140	230	27	-58.8	-74.8	12544	13078	176.2		DROP	88.3
202328	2227	5700	169	174	228	24	-58.0	-73.4	12538	13111	176.3		DROP	87.3
205015	1923	5700	180	180	193	18	-58.7	-73.3	12541	13140	176.3		DROP	88.0
210500	1739	5700	180	178	172	14	-58.4	-73.7	12538	13147	176.3		CLR	88.6
211456	1636	5700	180	177	160	14	-59.0	-74.5	12539	13128	176.4		DROP	87.8
212500	1411	5700	180	176	148	19	-59.6	-71.3	12536	13116	176.5		CLR	88.3
214149	1330	5913	270	267	144	11	-59.6	-69.8	12535	13115	176.5		DROP	87.2
220052	1330	5940	270	266	171	11	-63.1	-72.7	13119	13713	160.0		DROP	80.5
222208	1330	6220	270	265	188	15	-65.1	-73.4	13123	13707	160.0		DROP	79.6
222900	TEMP change and AT TURB													
223900	1330	6424	270	266	220	12	-63.7	-72.3	13123	13715	160.0		CLR	78.9
224356	1330	6500	273	269	215	16	-63.4	-72.7	13119	13708	160.0		DROP	79.0
230400	1342	6725	274	270	230	14	-62.9	-70.1	13113	13699	160.2		CLR	79.7
230852	1345	6800	274	271	237	15	-63.2	-70.9	13115	13696	160.2		DROP	79.6
232000	1352	6919	275	271	243	17	-63.8	-71.8	13116	13685	160.2			79.2
233508	1412	7100	0	357	281	10	-65.1	-72.4	13121	13685	160.0		DROP	79.6
235105	1600	7046	90	88	270	6	-64.1	-72.0	13122	13681	160.0		DROP	79.1
000300	1600	6913	90	89	175	2	-61.4	-71.9	13120	13674	160.1	TROUGH		78.9
001235	1600	6800	73	72	177	7	-62.8	-72.5	13120	13688	160.1		DROP	79.7

'JCPB1' (winds@eiaer) Proj. 420 Flt 16 Sep-19-98 00:48:47
18:20:13 to 00:48:47





**FLIGHT TRACKS
GEORGES**

— 980918np.ftk
- - - 980918hp.ftk

RAWINSONDES 9808

- Regular
- 12Z only
- 00Z only
- Infrequent
- Infrequent - 12Z

'pre-flight' (winds@rainier) Proj. 420 Flt 15 09/18/98 15:16:4

AT1	-67.44 C	AT4	-66.38 C
AT3	-67.35 C	AT2	-67.16 C
BP1	1.2663 mbar	BP2	2.7572 mbar
DAP1	41.791 mbar	DAP2	42.179 mbar
DBP1	52.030 mbar	DBP2	55.444 mbar
QC1M	80.080 mbar	QC2M	79.394 mbar
PS1M	144.96 mbar	PS2M	147.19 mbar
DPLC	-70.14 C	ATTACK	3.7678 deg
DPRC	-78.56 C	ADCAOA	4.0147 deg
RHUM	19.131 %	RD	37.470 C

'pre-flight' (winds@rainier) Proj. 420 Flt 15 09/18/98 15:17:5

AT1	-66.67 C	AT4	-65.64 C
AT3	-66.58 C	AT2	-66.39 C
BP1	1.2076 mbar	BP2	2.7162 mbar
DAP1	42.215 mbar	DAP2	42.613 mbar
DBP1	52.548 mbar	DBP2	55.982 mbar
QC1M	81.037 mbar	QC2M	80.339 mbar
PS1M	145.00 mbar	PS2M	147.23 mbar
DPLC	-69.99 C	ATTACK	3.7651 deg
DPRC	-78.77 C	ADCAOA	4.0147 deg
RHUM	16.653 %	RD	37.470 C

N49RF Hurricane 98 AVAPS DropSonde Log

N49RF Project: HURRICANE 98 Flight ID: 980918N

Mission: 420 Flight #: 15 System Status: OK

Drop #	Sonde Serial Number	Chn #	Time (Z)	Press. offset	Winds time	Operator	Comments / Drop Status	GOOD <input checked="" type="checkbox"/>
1	981 030 069	1	1910	1.1	27	RJM		✓
2	974 730 088	2	1938	-0.3	26	RJM		✓
3	974 530 043	1	1958	0	27	RJM		✓
4	974 510 111	2	2023	-0.1	46	RJM		✓
5	974 540 004	1	2050	0	36	STM		✓
6	973 410 122	1	2114	0	26	STM	INT. WINDS	✓
7	982 010 042	2	2141	0	28	STM		✓
8	974 530 055	1	2200	-0.8	26	STM		✓
9	982 430 086	1	2222	+1.0	31	STM	SLOW FALL	✓
10	974 510 091	2	2243:58	-0.0	34	STM		✓
11	974 740 027	1	2308	-0.1	42	RJM		✓
12	974 510 068	1	2335	0	48	RJM		✓
13	981 030 071	2	2351	+0.7	39	RJM		✓
14	974 530 047	3	0013	-0.1	23	RJM		✓
15								
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NOAA/AOC/SED N49RF Flight Performance log - Hurricane 98

N49RF Project: Hurricane 98 Project No 420 Flight No. 16 Flight ID: 980918N
 SED Crew: Hill, McMillan, McManara, Damiano, Pradas Mission: Hurricane Georges
 Pre-Flight: 1800 Z Take-Off: Z Landing: 0050 Z

SYSTEM		Pre-Flight Check		In-Flight	Post-Flight	
N A V	IRS #1		✓			
	IRS #2		✓			
	IRS #3		✓			
	GPS Honeywell #1		✓			
	GPS Honeywell #2		✓			
	GPS Collins		FMI ✓			Off? <input checked="" type="checkbox"/>
	Nose Radar -Collins		✓			Off? <input checked="" type="checkbox"/>
	Time	Temp °C			Time	Temp °C
T E M P	Temp #1	1824	37.7			
	Temp #2		32.9			
	Temp #3		34.6			
	Temp #4		32.4			
	DP Left		22.7		Cal. Time: —	Breakers Pulled
	DP Right		22.5		Cal. Time: —	
P R E S S	Attack Angle (ADCAOA)		✓ JCPB			
	Slip Angle (BP/DBP)		✓			
	Differential (PQ1/PQ2)		✓			
	Absolute (PS1/PS2)		✓			
	Check Radome Press. Lines <input type="checkbox"/>		Date: 980824			
S Y S T E M	DOWN PRT-5 ⇒ Open? <input checked="" type="checkbox"/>		N/A			Closed? <input type="checkbox"/> INOP
	MADS (WINDS/DISCWIN)		✓ JCPB			# DATs: 1
	MADS Printer ⇒ Paper? <input checked="" type="checkbox"/>		✓			Printer Power off? <input checked="" type="checkbox"/>
	MADS Cal. Date: 980918		QC time: 1826Z	①		QC time: N/A
	WINDS ⇒ NET BCAST <input checked="" type="checkbox"/>		JCPB			
M S	HAPS System / Time set? <input checked="" type="checkbox"/>		JWH			# Msg.: 14 # Fail: 17
	AVAPS System / Time set? <input checked="" type="checkbox"/>		JTM			
	AVAPS Printer ⇒ Paper? <input checked="" type="checkbox"/>		JCPB			
	Exterior Walk Around <input checked="" type="checkbox"/>		✓ JWH			
	Inspect DropSonde Chute Bolts		✓ STM			
M I S C	Satcom (Flight Phone) <input checked="" type="checkbox"/>		RJM			Off CB? <input checked="" type="checkbox"/>
	Call COMSAT? <input checked="" type="checkbox"/> (*292#)		RJM			
	FCU/UPS/CB		CB's Checked? <input checked="" type="checkbox"/>			UPS off? <input type="checkbox"/>
	AVAPS Sondes		# On Board: 150	# Dropped:		# Good:
	AXBT		# On Board: 0	# Dropped:		# Good:
	APN-232		✓			
	Modem Power On? <input checked="" type="checkbox"/>		✓			

1	DAT Tape #1	On: 1823	Type:	Off: 0055
2	DAT Tape #2	On:	Type:	Off:

Comments: Check DSM spare cards, Bad Trackball (KR)

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

N49RF Project: Hurricane 98 Project No 420 Flight No. 15 Flight ID: 980918N

SED Crew: Pradas, Hill, McNamara, McMillan Mission: Ferry to Opa Locka - St. Croix

Pre-Flight: 12:30 Z Take-Off: 1309/1413 Z Landing: 1350/1837 Z

SYSTEM		Pre-Flight Check		In-Flight	Post-Flight	
N A V	IRS #1	JWH				
	IRS #2	JWH				
	IRS #3	JWH				
	GPS Honeywell #1	JWH				
	GPS Honeywell #2	JWH				
	GPS Collins	JWH				Off? <input checked="" type="checkbox"/>
	Nose Radar -Collins	JWH				Off? <input checked="" type="checkbox"/>
		Time	Temp °C		Time	Temp °C
T E M P	Temp #1	1238	26.5			
	Temp #2	↑	26.8			
	Temp #3	↓	27.1			
	Temp #4	↓	26.3			
	DP Left	↓	21.6	Cal. Time: 1500		
	DP Right	↓	22.2	Cal. Time: 1510	↓	
P	Attack Angle (ADCAOA)	JWH				
R	Slip Angle (BP/DBP)	JWH				
E	Differential (PQ1/PQ2)	JWH				
S	Absolute (PS1/PS2)	JWH				
S	Check Radome Press. Lines <input checked="" type="checkbox"/>	Date: 980824				
S	DOWN PRT-5 ⇒ Open? <input type="checkbox"/>	JWOP				Closed? <input type="checkbox"/>
Y	MADS (WINDS/DISCWIN)	JWH				# DATs: 1
S	MADS Printer ⇒ Paper? <input type="checkbox"/>					Printer Power off? <input checked="" type="checkbox"/>
T	MADS Cal. Date: 980918	QC time: 1249				QC time: 1641
E	WINDS ⇒ NET BCAST <input checked="" type="checkbox"/>	JWH				
M	HAPS System / Time set? <input checked="" type="checkbox"/>					# Msg.: 0 # Fail: 0
S	AVAPS System / Time set? <input checked="" type="checkbox"/>					
	AVAPS Printer ⇒ Paper? <input checked="" type="checkbox"/>					
	Exterior Walk Around <input checked="" type="checkbox"/>	JWH				
	Inspect DropSonde Chute Bolts	SIM				
	Satcom (Flight Phone) <input checked="" type="checkbox"/>	RJM				Off CB? <input checked="" type="checkbox"/>
	Call COMSAT? <input checked="" type="checkbox"/> (*292#)	RJM				
M	FCU/UPS/CB	CB's Checked? <input checked="" type="checkbox"/>				UPS off? <input checked="" type="checkbox"/>
I	AVAPS Sondes	# On Board: 150		# Dropped: 0		# Good:
S	AXBT	# On Board: 0		# Dropped: 0		# Good:
C	APN-232	JWH				
	Modem Power On? <input checked="" type="checkbox"/>	JWH				

1	DAT Tape #1	On: 247	Type: TDK 60	Off: 1643
2	DAT Tape #2	On:	Type: TDK 60	Off:

Comments:
