

Fit ID: 001002N 001002N	From: KMCF	To: KMCF
Fit No.: 01-02	Blk In: 0204Z	ATA: 0155Z
ETD: 1730Z	Blk Out: 1714Z	ATD: 1728Z
ETE: 0200Z	Blk Time: 8:50 8.8	Fit Time: 8:27 8.5
Sponsor Org: NOAA	Program: NHC	Purpose: SW SURV KEITH

AOC Personnel

AC: FINKE, M ✓	Sys Eng: HILL, J
CP: MCCANN, B ✓, YATES, G ✓	Data Sys: SMITH, J ✓
Nav:	Radar: PRADAS, J-C ✓
FE:	GPS/BT:
Avionics:	Cld Phys:
FD: CZYZYK, S ✓	

Participating Scientists/Visitors/AOC

Name (Last, First)	Activity on Aircraft	Affiliation
LANOSEA, C ✓		
GAMACHE, J ✓		
ABERSON, S ✓		
PARRISH, J -		

Proposed/Actual Mission/Remarks (Recco, Fixes, Storm, PENET, NHOP #)

0915A KEITH
 TEAL 12 TIL 23Z
 1749Z BPL DWP'S

U.S. Dept. of Commerce/NOAA/Aircraft Operations Center

AOCWF2

Fit ID: 001002N	Time Off: 1728Z	Time On: 0155Z		
	A/C (Take Off)	Wx Stn (Take Off)	A/C (Land)	Wx Stn (Land)
Pressure	1014.9	30.00	1013.8	29.96

	Number	Data Disposition/Date/Quality
Slow/Fast Flt Lvl Tapes		
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
Flt Lvl Data Printout		
AXBT		
AXCP		
AXCTD		
GPS	28	1BA0

	Video				Remarks
	Forward	Left Side	Right Side	Down	
Time On					
Time Off					
Rate					

Remarks

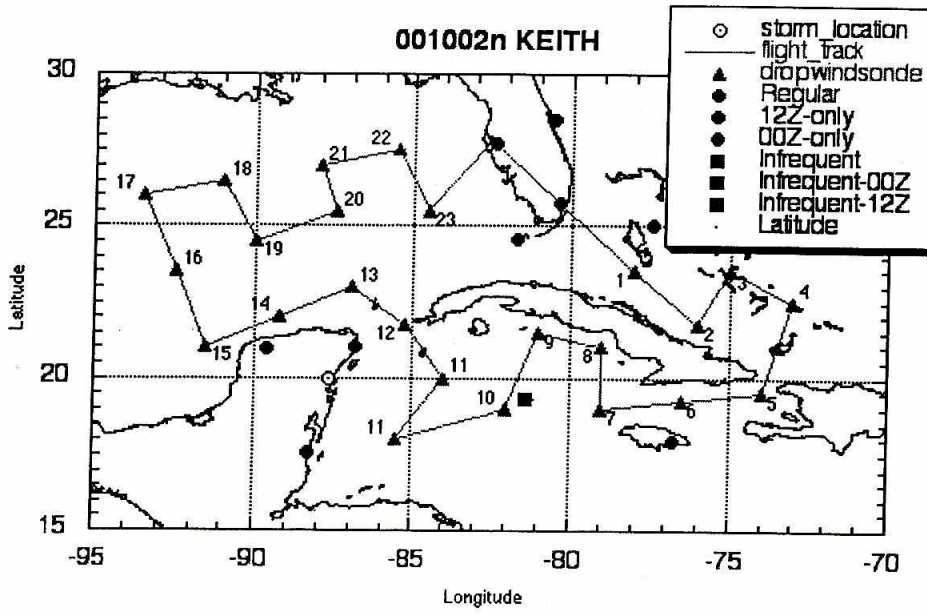
TIME	LOT	LOW	TK	HO	TA	TD	WD	WS	PA	GA	PS	SP	REMARKS
175430									LT TRAS		33500 FT		THRU CIRCUS
1805	2510	7919			-61.2	-63.7	203	15.9			41254 ft		LEVEL 41K
182307	2328	7758	133	134	-60.6	-62.3	265	10.2	12573	13197			DROP #11
1829													CLIMB
1833	2234	7655	133	132	-64.1	-68.0	307	5.7	12862	13477			LEVEL 42K
184258	2148	7558	97	90	-63.7	-67.1							NO RT WOTEMP
184438	2149	7546	74	71	-63.8	-67.1	28	13.4	12860	13470			DROP #12A
1856													IN GRASS THIN
190800	2215	7305	197	195	-64.4	-66.5	39	8.4	12871	13459			DROP #14
191406	2130	7320	197	194	-62.1	-68.8	59	9.5	13264	13750			LEVEL 43K
191903	2055	7332	198	195	-66.9	-70.1	39	8.9	13164	13749			DROP #5
193021	2932	7403	238	239	-66.8	-69.9	45	14.0	13143	13749			DROP #6
194859	1915	7630	265	267	-66.6	-69.8	17	14.1	13141	13740			DROP #7
200736	1914	7855			-67.8	-70.9	353	22.9	13359	13954		CLIMB	DROP #8
2017	2020	7900											IN CIRCUS
202259	2058	7908			-67.9	-62.1	317	7.5	13360	13970			DROP #9
203809	2126	8058			-67.5	-69.4	152	5.4	13437	14045			DROP #10
2059.40	1901	8202			-67.7	-68.5	117	6.1	13429	14036			DROP #11
212549	1808	8522			-66.2	-69.9	37	23.8	13432	14066			DROP #12
2127-													CLIMB
214623	2901	8403			-69.3	-72.8	32	19.8	13711	14352		45K	DROP #13
215907	2052	8437	326	328	-68.8	-72.5	19	18.1	13712	14353			DROP #13A
220418	2145	8515	311	311	-68.9	-72.4	344	10.0	13706	14340			DROP #14
221307	2227	8604	314	312	-69.6	-71.9	282	11.9	13710	14345			DROP #14A
222200	2254	8702	280	277	-69.7	-71.9	265	13.1	13708	14337			DROP #15
224144	2202	8915	246	244	-68.9	-71.8	256	9.9	13705	14344			DROP #16
230107	2106	8129	302		-69.1	-70.8	355	7.0	13715	14345			DROP #17
232248	2330	9230	340	336	-67.9	-							FAILED
232342	2335	9232	340	336	-68.2	-73.4	364	10.8	13711	14324			DROP #18A
234526	2600	9322			-67.1	-74.6	291	12.1	13712	14307			DROP #19
000237	2626	9100			-66.4	-74.4	281	21.6	13715	14309			DROP #20
002605	2435	8957			-68.2	-76.4	271	8.9	13717	14325			DROP #21
003856	2532	8734			-67.5	-76.2	297	14.1	13712	14314			DROP #22
005123	2658	8754			-67.0	-75.8	254	15.6	13715	14309			DROP #23
010817	2726	8531			-67.4	-76.3	229	20.9	13715	14315			DROP #24
012526	2537	8427			-68.7	-76.1	253	12.3	13723	14348			DROP #25

NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: SURV 00 Project No. 006 Flight No. rf 11 Flight ID: 001002N
 SED Crew: HILL, PRADAS, SMITH Mission: KETH 1
 Pre-Flight: 1635 Z Take-Off: 1727 Z Landing: 0154 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check		
N A V	IRS #1		✓ JAS				
	IRS #2		✓ JAS				
	IRS #3		✓ JAS				
	GPS Honeywell #1		✓ JAS				
	GPS Honeywell #2		✓ JAS				
	GPS Collins		✓ JAS			Off? <input checked="" type="checkbox"/>	
Nose Radar - Collins			✓ JCPD			Off? <input checked="" type="checkbox"/>	
T E M P		Time	Temp °C			Time	Temp °C
	Temp #1	1649	32.6	JAS		0156	26.99
	Temp #2		34.9				26.73
	Temp #3		30.3				26.671
	Temp #4		36.2				27.032
	DP Left		20.1		Cal. Time:		21.123
	DP Right		22.7		Cal. Time:		20.712
P R E S	Attack Angle (ADCAOA)		3.0 ✓ JAS				
	Slip Angle (BPx/DxPx)		✓ JAS				
	Differential (PQ1/PQ2)		✓ JAS				
	Absolute (PS1/PS2)		1015.0/1015.3 JAS				
	Check Radome Press. Lines <input checked="" type="checkbox"/>		Date: 09/506				
S Y S T E M S	DOWN PRT-5 ⇒ Open? <input type="checkbox"/>		Not installed			Closed? <input type="checkbox"/>	
	MADS (WINDS/DISCWIN)		✓ JAS			# DATs: 1	
	MADS Printer ⇒ Paper? <input checked="" type="checkbox"/>		JAS			Printer Power off? <input type="checkbox"/>	
	MADS Cal. Date: 060800		QC time: 1659			QC time: 0159	
	WINDS ⇒ NET BCAS <input type="checkbox"/>		N/A				
	HAPS System / Time set? <input checked="" type="checkbox"/>		JAS			# Msg.: 27 # Fail: 10	
	AVAPS System		JCPB				
	K2 Printer ⇒ Paper? <input checked="" type="checkbox"/>		JAS			Printer Power off? <input type="checkbox"/>	
	Exterior Walk Around <input checked="" type="checkbox"/>		JCPB				
	Inspect DropSonde Chute Bolts		JCPB				
M I S C	Satcom (Flight Phone) <input checked="" type="checkbox"/>		✓ JCPB			Off CB? <input type="checkbox"/>	
	Call COMSAT? <input checked="" type="checkbox"/> (*292#)		JAS				
	FCU/UPS/CB		CB's Checked? <input checked="" type="checkbox"/> JAS			UPS off? <input type="checkbox"/>	
	AVAPS Sondes		# On Board: 66	# Dropped: 28	# Good: 26		
	AXBT		# On Board: 0	# Dropped: —	# Good: —		
	APN-232 Altimeter		✓ JAS				
Modem Power On? <input checked="" type="checkbox"/>		JAS					

I	DAT Tape #1	On: 1640	Type: V60	Off:
	Comments:			



ADD DROPS
21N 84W
22.5N 86W

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 HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: KEITH/SYNOPTIC

 NOAA/Hurricane Research Division Sunday, October 1, 2000 9:27:33 AM
 Aircraft: N49RF Proposed takeoff: 02/1730Z
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TRACK DISTANCES

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#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	MACDILL			0.	0.	0:00
1	23 30	78 00		367.	367.	0:49
2	21 45	76 00		156.	523.	1:11
3	23 30	75 00		120.	642.	1:27
4	22 30	73 00		130.	772.	1:45
5	19 30	74 00		189.	961.	2:11
6	19 00	79 00		293.	1254.	2:51
7	21 00	79 00		120.	1374.	3:07
8	21 30	81 00		120.	1494.	3:23
9	19 00	82 00		161.	1655.	3:45
10	18 00	85 30		213.	1868.	4:14
11	20 00	84 00		149.	2016.	4:34
12	21 45	85 15		128.	2144.	4:52
13	23 00	87 00		126.	2270.	5:09
14	21 00	91 30		286.	2556.	5:48
15	26 00	93 30		321.	2877.	6:32
16	26 30	91 00		145.	3023.	6:52
17	24 30	90 00		133.	3155.	7:10
18	25 30	87 30		155.	3310.	7:31
19	27 00	88 00		94.	3405.	7:44
20	27 30	85 30		145.	3549.	8:04
21	25 30	84 30		133.	3682.	8:22
22	MACDILL			180.	3862.	8:46

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 HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: KEITH/SYNOPTIC

NOAA/Hurricane Research Division Sunday, October 1, 2000 9:27:33 AM

Aircraft: N49RF

Proposed takeoff: 02/1730Z
 =====

DROP LOCATIONS

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#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	23 30	78 00		0:49
2	21 45	76 00		1:11
3	23 30	75 00		1:27
4	22 30	73 00		1:45
5	21 00	73 30		1:58
6	19 30	74 00		2:11
7	19 15	76 30		2:31
8	19 00	79 00		2:51
9	21 00	79 00		3:07
10	21 30	81 00		3:23
11	19 00	82 00		3:45
12	18 00	85 30		4:14
13	20 00	84 00	20 52 84 37	4:34
* 14	21 45	85 15	22 22 86 07	4:52
* 15	23 00	87 00		5:09
16	22 00	89 15		5:29
17	21 00	91 30		5:48
18	23 30	92 30		6:10
19	26 00	93 30		6:32
20	26 30	91 00		6:52
21	24 30	90 00		7:10
22	25 30	87 30		7:31
23	27 00	88 00		7:44
24	27 30	85 30		8:04
25	25 30	84 30		8:22

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