

Flt ID: 001003N	From: KMCF	To: KMCF
Flt No: 01-003	Blk In: 0208	ATA: 0200
ETD: 1730Z	Blk Out: 1724	ATD: 1739
ETE: 8.25	Blk Time: 8:44 (8.7)	Flt Time: 8:21 (8.3)
Sponsor Org: NHC	Program: Surveillance	Purpose: TS Keith

AOC Personnel

AC: McCann ✓	Sys Eng: Hill
CP: Finke / Yates ✓	Data Sys: Probas ✓
Nav:	Radar: S
FE: Kitson	GPS/BT: Smith ✓
FD: Parrish ✓	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
Abersgn, Sim ✓	AAP's	NAD
Landsee, Chris ✓	↓	↓
Camacho, John ✓	↓	↓

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

MD 1115A KEITH: GPS #2 out in front. AVN's at 104 down of Block Out (Top of snow)
 1012.7 Near top of climb, TD #10 above TA. Gradually returned in the clear, but went warm again.
 27/22.5 - 1835 - Relayed Barry's 1819Z fix to CARCAN.
 0115 - winds failed. DSM reset.

0058Z
 060/0kt
 19kt rain

115 bln 1012.1
 5/24 25-6/22.2
 2.93

NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Surveillance-2000 Project No. 006 Flight No. rfl2 Flight ID: CG1003N

SED Crew: Hill, Smith, Pradas Mission: Kieth #2

Pre-Flight: 1645 Z Take-Off: 1739 Z Landing: 0109 Z

SYSTEM		Pre-Flight Check		In-Flight	Post-Flight Check			
N A V	IRS #1		✓					
	IRS #2		✓					
	IRS #3		✓					
	GPS Honeywell #1		✓					
	GPS Honeywell #2		? Inop					
	GPS Collins		✓			Off? <input checked="" type="checkbox"/>		
Nose Radar - Collins			✓			Off? <input checked="" type="checkbox"/>		
T E M P		Time	Temp °C			Time	Temp °C	
	Temp #1	1650	33.8	✓		0202	25.9	
	Temp #2		33.7	✓			25.25	
	Temp #3		31.8	✓			25.797	
	Temp #4		35.0	✓			25.054	
	DP Left		22.9	✓	Cal. Time:		22.627	
	DP Right	1650	23.3	✓	Cal. Time:	✓	21.539	
P	Attack Angle (ADCAOA)		✓					
R	Slip Angle (BPx/DxPx)		✓					
E	Differential (PQ1/PQ2)		✓					
S	Absolute (PS1/PS2)		✓					
S	Check Radome Press. Lines <input checked="" type="checkbox"/>		Date: 091500					
S	DOWN PRT-5 ⇨ Open? <input type="checkbox"/>		Not installed			Closed? <input checked="" type="checkbox"/>		
Y	MADS (WINDS/DISCWIN)		✓			# DATs: 1		
S	MADS Printer ⇨ Paper? <input checked="" type="checkbox"/>		✓			Printer Power off? <input checked="" type="checkbox"/>		
T	MADS Cal. Date: 060800		QC time: 1655			QC time:		
E	WINDS ⇨ NET BCAST <input checked="" type="checkbox"/>		✓					
M	HAPS System / Time set? <input checked="" type="checkbox"/>		✓			# Msg.: 22 # Fail: 5		
S	AVAPS System		? (1)					
	K2 Printer ⇨ Paper? <input checked="" type="checkbox"/>		✓			Printer Power off? <input type="checkbox"/>		
	Exterior Walk Around <input checked="" type="checkbox"/>		JAS					
	Inspect DropSonde Chute Bolts		JAS					
M	Satcom (Flight Phone) <input checked="" type="checkbox"/>		✓			Off CB? <input checked="" type="checkbox"/>		
	Call COMSAT? <input checked="" type="checkbox"/> (*292#)		✓					
	FCU/UPS/CB		CB's Checked? <input checked="" type="checkbox"/>				UPS off? <input checked="" type="checkbox"/>	
	AVAPS Sondes		# On Board: 60	# Dropped: 24			# Good: 21	
S	AXBT		# On Board: —	# Dropped: —		# Good: —		
C	APN-232 Altimeter		✓					
	Modem Power On? <input checked="" type="checkbox"/>		✓					

1	DAT Tape #1	On: 1653	Type: GOM(V)	Off: 0208
	Comments: Honeywell GPS #2 Inop at pre-flight 1852 → DPH/DPX balance 1910 → Changed DPX to DPL			

N49RF AVAPS DropSonde Log

N49RF Project: _____ Flight ID 00 00 03N

Mission: Keith Flight #: 12 System Status: R5 HD Inop / space in use

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status / Failure Reason	GOOD <input checked="" type="checkbox"/>
1	993 948 062	1/7	1832	∅	33	JCPB		✓
2	994 015 044	4/5	1848	∅	29	JCPB		✓
3	993 818 017	1/7	1906	∅	26	JCPB		✓
4	993 925 342	4/1	1924	.7	38	JCPB		✓
5	994 338 028	1/7	1936	∅	46	JCPB		✓
6	993 925 277	4/5	1954	-.6	17	JCPB		✓
7	993 925 385	1/7	2012	.5	15	JCPB	Temp +1 → 2° Bias	✓
8	993 215 047	4/1	2030	.6	37	JAS	Ch #4 temp early - op error	✓
9	993 948 046	1/7	2051	∅	27	JAS		✓
10	993 925 150	1/7	2110	0.4	32	JAS		✓
11	994 015 049	1/5	2136	.5	28	JAS		✓
12	993 818 061	1/5	2201	.6	39	JAS		✓
13	993 915 073	1/5	2222	∅	29	JAS		✓
14	994 015 031	1/5	2244	0.4	?	JAS	P Failed on launch	B
15	994 015 027	2	2244	∅	20	JAS		✓
16	993 215 281	1/3	2303	.2	11	JWH		✓
17	993 925 310	1/3	2329	.4	18	JWH	winds died @ 570mb	✓
18	993 215 052	1/3	2350	.4	26	JWH	winds died @ 913mb	✓
19	994 925 347	1/3	0021	.1	30	JWH		✓
20	993 925 261	1/1	0047	.4	21	JWH		✓
21	993 818 010	2/2	0106	.3	34	JWH		✓
22	993 925 270	1/1	0124	∅	23	JWH		✓
23								
24								
25								
26								
27								
28								
29								
30								
31								
32	001 048 014	3	0124	.3	3	JAS	G7 removed "short EC"	B
33	991 435 071	3	0048	.4	8	JWH/JCPB	droptime shorter than ^{old} sonde	✓