

Flt ID: 010816N	From: KMCF	To: KMCF
Flt No: 01-49	Blk In: 1855Z	ATA: 1847Z
ETD: 1700Z	Blk Out: 1642Z	ATD: 1658Z
ETE: 1900Z	Blk Time: 2:13 2.2	Flt Time: 1:49 1.8
Sponsor Org: NOAA	Program: AOC	Purpose: CRYO TEST FLIGHT

AOC Personnel

AC: MLCANN, B	Sys Eng: MCNAMARA, R
CP: FINKE, M / POSTON, R	Data Sys: HORNBRACK, C
Nav:	Radar:
FE:	GPS/BT:
FD: CZ427K, S	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
MILLER, R	MIDAS	NOAA/AL

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

COOLDOWN MODE CRYO 1709Z, 1759:30Z
CRYO BALANCE 1727Z
BALANCE OPAC + OPAC 1734Z
TT HEATERS OFF 1746:50Z - 1749:50Z
1801:00Z -
CRYO RESET 1803:45Z

Flt ID: 010816N Time Off: 1658Z Time On: 1847Z

Pressure: 1018.2 Wx Stat (Hk) (Lnd): 30.09 Wx Stat (Hk) (Lnd): 1018.8 Wx Stat (Hk) (Lnd): 30.08

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes		
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	<u>2</u>	<u>2 Xmt (TEST MESSAGE)</u>

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

Remarks

Flight ID:

010816N

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Form 413-50

[illegible]

N49RF AVAPS DropSonde Log

N49RF Project: Hurr 2001 Flight ID 01081612

Mission: _____ Flight #: TFS System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☒
1	010 715 170	1	1725	0	23	Rsm	Screw	☒
2	010 748 078	5	1725	.7	33	cpl	Tape	☒
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
N43RF AVAPS DROP LOG

Mission : Inst. check.

Flight ID 010810j

Take Off: 19:32

Landing : _____

[illegible]

NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Harc 01 Project No. 106 Flight No. TFS Flight ID: 010816N
 SED Crew: Hornbrook, McNamara Mission: CR2 Hygrom Test
 Pre-Flight: 1600 Z Take-Off: 1658 Z Landing: 1646 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check		
N A V	IRS #1		<u>Y</u>				
	IRS #2		<u>Y</u>				
	GPS Honeywell #1		<u>Y</u>				
	GPS Honeywell #2		<u>Y</u>				
	GPS Collins		<u>Y</u>		Off? ☒		
	Nose Radar - Collins				Off? ☐		
T E M P / D P	Time	Temp °C			Time	Temp °C	
	Temp #1	<u>1615</u>	<u>32.4</u>	<u>Y</u>		<u>1848</u>	<u>32.4</u>
	Temp #2		<u>30.9</u>				<u>34.5</u>
	Temp #3		<u>31.8</u>				<u>33.6</u>
	Temp #4		<u>33.4</u>				<u>34.9</u>
	DP Left		<u>23.8</u>	<u>Y</u>	Cal. Time: <u>1734</u>		<u>24.2</u>
	DP Right		<u>23.4</u>		Cal. Time: <u>1734</u>		<u>23.8</u>
	CRYO		<u>16.5</u>	Valve: open ☒ closed ☐			<u>11.0</u> closed ☒
P R E S S	Attack Angle (ADCAOA)		<u>Y</u>				
	Angle of Attack (APx, DAPx)						
	Sideslip (BPx, DBPx)						
	Static Pressure (PS1M, PS2M)						
	Dynamic Pressure (QCxM)						
	Radome Press. Lines		Checked? ☒ Date: <u>6/9/01</u>				
Mission Pitot/Static Iso. Valves		Valves: open ☒ closed ☐					
S Y S T E M S	Satcom (Flight Phone) ☒		<u>Y</u>		Off CB? ☒		
	Call COMSAT? ☐ (*292#)		CB's Checked? ☒ <u>Y</u>				
	FCU/UPS/CB		<u>Y</u>		UPS off? ☐		
	MADS (WINDS/DISCWIN)		<u>Y</u>		# DATs: <u>1</u>		
	Printer 1 (lp1)		Power? ☒ Paper? ☒		Printer Power off? ☒		
	MADS Cal. Date:		QC time: <u>1620</u>		QC time: <u>1849</u>		
	HAPS System		Time set? ☒ <u>Y</u>		# Msg.: <u>2</u> # Fail: <u>0</u>		
	AVAPS System		<u>Y</u>				
	Exterior Walk Around ☒		<u>Y</u>				
	Inspect DropSonde Chute Bolts		<u>Y</u>				
M I S C	Down Port Door		Open? ☒		Closed? ☐ <u>N/A</u>		
	AVAPS Sondes		# On Board: <u>2</u>	# Dropped: <u>2</u>	# Good: <u>2</u>		
	Sci. Power Monitor		<u>Y</u>				
	APN-232 Altimeter		<u>Y</u>				
	Modem		Power On? ☒ <u>Y</u>				

1	DAT Tape #1	On: <u>1620</u>	Type: <u>60</u>	Off: <u>1855</u>
Comments:				
<u>① Temp Drop sent 1717 Ack Rec</u>				
<u>② Temp Drop sent 1804 Ack Rec</u>				

Please Note Any Discrepancies

[illegible]