

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

AOCWF-1

Flt ID: 020118N	From: KMCF	To: KMCF
Flt No: 02-18	Blk In: 2005Z	ATA: 1957Z
ETD: 18Z	Blk Out: 1802Z	ATD: 1813Z
ETE: 20Z	Blk Time: 2.03 2.1	Flt Time: 1:44 1.7
Sponsor Org: NOAA	Program: WStorms 2002	Purpose: Test flight #2

AOC Personnel

AC: FINKE, M	Sys Eng: HORNBRook, C
CP: POSTON, R	Data Sys: GOLDSTEIN, A
Nav:	Radar: SMITH, J
FE: KATSON, G	GPS/BT: CARPENTER, D
FD: CZYZYK, S / SHEPHERD, T / PARALSH, J	Cld Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
TOPEX, B		

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

OROP At 86.02N

GPALT GPACT COLLINS
 1428Z 14236 41849
 FTP MESSAGE 1935Z from 15th & 1835Z HEADER 181749Z file called test Ap. xx OB#3

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AOCWF2

Flt ID: 020118N

Time Off: 1813Z

Time On: 1957Z

A/C (Take Off)

Wx Station (Take Off)

A/C (Land)

Wx Station (Land)

Pressure

1021.7

30.18

1020.8

30.18

Number

Data Disposition / Date / Quality

Flt Lvl Tapes

Radar Tapes

Cloud Physics Tapes

Video Tapes

AXBT

AXCP

AXCTD

Dropsondes

Video

Forward

Left Side

Right Side

Down

Remarks

Time On

Time Off

Rate

Remarks



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Silver Spring, Maryland 20910
OFFICE OF NOAA CORPS OPERATIONS

FL 41 191745

ATI	2	3	4	SAT	WD	WS	GREAT	PSZM
-60.4	-61.0	-60.2	-60.0	-57.9	273	28.8	13073	177.6



Flight ID:

020118N

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Form 413-50

[illegible]

N49RF AVAPS DropSonde Log

N49RF Project: WKS 2001 T.F. Flight ID 020118N

Mission: _____ Flight #: _____ System Status: _____

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status / Failure Reason	GOOD ☒
1	003 148 109	1	1856	.3	52	gh		✓
2	" "	4		.3				
3		LS-1						
4								
5								
6								
7								
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9								
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NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: WSTF Project No. 201 Flight No. TF2 Flight ID: 020118N
 SED Crew: Hornbrook, Smith, Carpenter Mission: Test Flight
 Pre-Flight: 1212 Z Take-Off: 1812Z Z Landing: 1957 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check	
N A V	IRS #1		A/C			
	IRS #2					
	GPS Honeywell #1					
	GPS Honeywell #2					
	GPS Collins				Off? ☐	
	Nose Radar - Collins				Off? ☐	
T E M P / D P		Time	Temp °C		Time	Temp °C
	Temp #1	1726	22.768	DWC		
	Temp #2		28.182			
	Temp #3		22.695			
	Temp #4		30.715			
	DP Left		11.848		Cal. Time:	
	DP Right		13.372		Cal. Time:	
	CRYO			N/U		
P R E S S	Attack Angle (ADCAOA)		DWC			
	Angle of Attack (APx, DAPx)					
	Sideslip (BPx, DBPx)					
	Static Pressure (PS1M, PS2M)					
	Dynamic Pressure (QCxM)					
	Radome Press. Lines		Checked? ☒ Date: 9-12-01			
S Y S T E M S	SATCOM (Flight Phone) ☒		DWC		Off CB? ☐	
	Call COMSAT? ☒ (*292#)		CB's Checked? ☒			
	Iridium Phone		ON? ☒		OFF? ☐	
	FCU/UPS/CB		DWC		UPS off? ☐	
	MADS (WINDS/DISCWIN)		DWC		# DATs:	
	Printer 1 (lp1)		Power? ☒ Paper? ☒		Printer Power off? ☐	
	MADS Cal. Date: 7/6/01		QC time: 1803		QC time: 1958Z	
	HAPS System		Time set? ☐ N/U		# Msg.: # Fail:	
	AVAPS System		JAS			
	Exterior Walk Around ☒		✓ JAS			
	Inspect Drop Sonde Chute Bolts		✓ JAS			
M I S C	Down Port Door (Ozone Inst.)		Cover OFF? ☒		Cover ON? ☐	
	AVAPS Sondes		# On Board: 3	# Dropped: 1	# Good:	
	Sci. Power Monitor		DWC			
	APN-232 Altimeter					
	Modem		Power On? ☒			
	Additional Instrumentation:		L1 60Hz IP CB ON? ☐	After Take Off	L1 60Hz IP CB OFF? ☐	
	AL Ozone Data System		L1 400Hz CB ON? ☐	L1 Pump Switch ON? ☐	L1 400Hz CB OFF? ☐	
			Computer ON? ☐		Computer OFF? ☐	
	Crew Responsibilities Assigned					

1	DAT Tape #1	On: 1802Z	Type: DL-60M	Off: 2005Z
	Comments: ① Initial loading of DAT failed (gave error) - Restarted Discwin And 2nd Attempt to record DAT successful			
	② GPS w/ not go 0 options below FM 04			

Please Note Any Discrepancies

[illegible]