

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

AOCWET

Flt ID: 010222N	From: PNDL	To: PNDL
Flt No.: 01 - 023	Blk In: 0408	ATA: 0406
ETD: 21Z	Blk Out: 2045	ATD: 2103
ETE: 7	Blk Time: 7:23(7.4)	Flt Time: 7:03(7.0)
Sponsor Org: ETL/FSL	Program: SCAT-CAT	Purpose: Flight #4

AOC Personnel

AC: McCann ✓	Sys Eng: Smith ✓
CP: Finke/Yates ✓	Data Sys: Hornbrook
Nav:	Radar:
FE: K. J. Smith	GPS/BT:
Avionics:	Cld Phys:
FD: Parrish ✓	

Participating Scientists/Visitors/AOC

Name (Last, First)	Activity on Aircraft	Affiliation
Shapiro, M. ✓	PJ	ETL
Goldenberg, S. ✓	HAPS	NAD
Cooke, Marsha ✓	Visitor (Producer)	CBS News
Whitaker, Bill ✓		CBS News
Gil, Deiz ✓	Camera	CBS News
Rumata Kossmohl	Visitor	KHPR - (has pub Radio)

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

1450
160/8
24.8/18.6
10.5.4
23/18
170/2.3
24/16
10/2.4

Fly up to 370, 155W, then diagonal to 410, 161W.
Flw drop survey at 41K, then stacks at 35K, 31K, 38K.
20 Drops for ETL/FSL, 3 for NCEP. H.D. Flight.

1450
0255Z
180/11
25/19
24.49

170/2.3
24/16
10/2.4

N49RF Winter 01 / AVAPS DropSonde Log

N49RF Project: Winter Storms 2001

Flight ID: 010222N

Mission: SCAT CAT

Flight #: 12

System Status: ✓

[illegible]

2/28/01

McCann

Finke

Yates

Kitson

Parrish

Smith

Nornbrook

Shapiro

Goldenberg

Parrish, D.

2/22/01

- ① 32N 155 55W
- ② 35N 155 24W
- ③ 37N 155 W
- ⑤ 37N 161 W
- ④ 41N 161 W
- ⑥ 41N 155W

NOAA 49
22 FEB 2001

TAKE OFF PHNL @ 2000Z

FLIGHT LEVEL 410

DIRECT - Z161E DIRECT 37N 155W

REQUEST - 2 HR 30 MIN HOLD

BETWEEN 37N 155W
37N 161W
41N 161W
41N 155W

BLOCK FLIGHT LEVEL 310-430 in hold

RETURN: AT FLIGHT LEVEL 410

APPROXIMATE ZULU TIME FOR HOLD 22Z-0030Z

TOTAL FLIGHT TIME = 6 HRS 55 MIN

NOAA SCATCAT'S

NOAA/AOC/SED N49RE Flight Performance log

Project Name: WS2001 Project No. 101 Flight No. RF12 Flight ID: 010222N
 SED Crew: Hornbrook, Smith Mission: SCAT CAT
 Pre-Flight: 1945 Z Take-Off: 2102 Z Landing: 0406 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check		
N A V	IRS #1		<u>chk</u>	<u>gas</u>			
	IRS #2		<u>chk</u>				
	GPS Honeywell #1		<u>chk</u>				
	GPS Honeywell #2		<u>chk</u>				
	GPS Collins		<u>chk</u>		Off? ☐		
Nose Radar - Collins			<u>✓</u>		Off? ☐		
T E M P	Time	Temp °C			Time	Temp °C	
	Temp #1	<u>2001</u>	<u>32.7</u>	<u>-24.6</u>	<u>gas</u>		
	Temp #2		<u>25.8</u>	<u>-24.6</u>			
	Temp #3		<u>31.1</u>	<u>-23.7</u>			
	Temp #4		<u>25.9</u>	<u>-22.8</u>			
	DP Left		<u>20.2</u>				
	DP Right		<u>10.4</u>				
P R E S S	Attack Angle (ADCAOA)		<u>chk</u>	<u>3.7</u>			
	Slip Angle (BPx/DxPx)		<u>chk</u>				
	Differential (QC1/QC2)		<u>chk</u>				
	Absolute (PS1/PS2)		<u>chk</u>	<u>204.1/205.0961</u>			
	Check Radome Press. Lines ☒		Date: <u>2/10/01</u>				
S Y S T E M	Down Port ⇨ Open? ☒		<u>chk</u>		Closed? ☐		
	MADS (WINDS/DISCWIN)		<u>chk</u>		# DATs:		
	MADS Printer1 ON⇨Paper? ☒		<u>chk</u>		Printer Power off? ☐		
	MADS Printer2 ON⇨Paper? ☒		<u>chk</u>		Printer Power off? ☐		
	HAPS System / Time set? ☒		<u>JAS</u>	<u>(2)</u>	# Msg: <u>7</u> # Fail: <u>2</u>		
M A D S	AVAPS System		<u>JAS</u>				
	MADS Cal Date: <u>1/18/01</u>	QC Time: <u>2011</u>	Cal? ☐ Initial:	QC Time: <u>0408</u>			
E X T E R I O R	Exterior Walk Around ☒		<u>chk</u>				
	Inspect DropSonde Chute Bolts		<u>JAS</u>				
M I S C	Satcom (Flight Phone) ☒		<u>JAS</u>		Off CB? ☐		
	Call COMSAT? ☒ (*292#)		<u>JAS</u>				
	FCU/UPS/CB		CB's Checked? ☒	<u>chk</u>	UPS off? ☐		
	AVAPS Sondes		# On Board: <u>47</u>	# Dropped: <u>23</u>	# Good: <u>22</u>		
	APN-232 Altimeter		<u>chk</u>				
A D D I T I O N A L	Modem Power On? ☒		<u>chk</u>				
	Additional Instrumentation:		Inlet Cap Removed? ☒	<u>After Takeoff</u>	Computer OFF? ☐		
	AL Ozone Data System		L1 400Hz CB ON? ☒	Pump ON? ☒ <u>2102</u>	L1 60Hz IP CB OFF? ☐		
	and Inlet Probe		Probe Temp >= 40C? ☒	<u>Before Landing</u>	L1 400Hz CB OFF? ☐		
			<u>After Engine Start</u>	Pump OFF? ☐	Inlet Cap In place? ☐		
			L1 60 Hz IP CB ON? ☒	Data xfer to zip disk? ☐			
			Computer ON? ☒				
1	DAT Tape #1		On: <u>2023</u>	Type: <u>60</u>	Off: <u>0410</u>		
Comments:							

Please Note Any Discrepancies

[illegible]