

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

AOCWF1

Flt ID: N050127	From: PHNL	To: PHNL
Flt No: 05-43	Blk In: 0325Z	ATA: 0321Z
ETD: 2000Z	Blk Out: 1951Z	ATD: 2004Z
ETE:	Blk Time: 7:34 (7.6)	Flt Time: 7:17 (7.3)
Sponsor Org: NCEP	Program: WS2005	Purpose: TRACKP56

AOC Personnel

AC: MCCANN / POSTON ✓	Sys Eng:
CP: ODELL ✓	Data Sys: HORN BROOK ✓
Nav:	Radar:
FE:	GPS/BT: BROGAN ✓
FD: DAMIANO ✓	GR Phys: OLNEY ✓
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation

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

Resent 0813 with good winds**Chir updated the coeffs
for P52M + Q02M**

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AOCWR2

Flt ID: N050127		Time Off: 2004Z		Time On: 0321Z	
AVC (Take Off)		Wx Station (Take Off)		AVC (Land)	
Pressure		30.03 / 1016.5		1014.5	
1017.9		29.93 / 1013.1			
Number		Data Disposition / Date / Quality			
Flt Lvl Tapes		1			
Radar Tapes					
Cloud Physics Tapes					
Video Tapes					
AXBT					
AXCP					
AXCTD					
Dropsondes		15 15 good; 16 messages sent includes COR for OB 13			

Video

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

Remarks

1953Z 30.03 25 19 Called CARCAH at 2053Z to set up Comm phone tests

TT1 check ~ 2102Z

2104Z CARCAH Called on Iridium

2110Z CARCAH on INMARSAT using 872. Got busy signal using 874, ocean region

~ 2118Z Chris did ramp up of TT voltmeter CRYO DWPR still not working well.

Called at 0227Z and CARCAH got all 15 OBS



NOAA G-IV ERROR SUMMARY

WINTER STORMS 2005

MISSION #2



Flight ID: N050127

<u>Sensor or system</u>	<u>Number or Name</u>
INE (for wind derivation)	VEW, VNS
Accelerometer	ACINS
Temperature Probe	AT1
Dew Point Probe	DPRC
Static Pressure	PS1C
Dynamic Pressure	QC1C
Attack Angle	AKRD2
Slip Angle	SSRD1
Vert. Wind	PALT
Constants File	49cal041
Project Directory	/proj/501

Local surface observation not current or unavailable.

Notes:

There were no data gaps.

Prior to takeoff the calibration lab coefficients for PS2M and QC2M were updated.

The Aeronomy Lab's Ozone operated optimally for the entire mission.

At 2118Z a check of TT1 and TT3 outputs was done by ramping up their respective voltages.

TT1 was 1 degree C cooler than TT3 and TT4 at altitude.

All other instruments worked optimally during the flight.

Takeoff

Landing

Aircraft Static Pressure

1013.6mb

1011.4mb

Corrected Tower Pressure

1014.8mb

1012.4mb

Flight Director:

A. Barry Damiano

(813) 828-3310 ext. 3073

N49RF-AOC GPS Dropwindsonde Log

DANILO

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Storm TRACK 956

204655
FF Sent
COR
from LS
data

RRH2 Fieldy

LOST 564
at 154
191556

191836

20532
LLEN
CANCAN