

AOCWE

AOC Personnel

Participating Scientists / Visitors / AOC

Chris H. ~~sept~~
replaced analog
board for PS2M
prior to flt. Both
PS1M & PS2M compare
very well.

30.24

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

AOCWF2

 Flt ID: N050118 Time Off: 1410Z / 2005Z Time On: 1820Z / 0209Z

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	<u>1032.0 / 473.2</u>	<u>1032.3 / 473.8</u> <u>30.50 / 30.24</u>	<u>974 mb / 1009.9</u>	<u>975 / 1011.7</u> <u>30.28 / 29.89</u>

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	<u>2</u>	
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 1447Z
24
0

32° 52'
114° 15'
Auto stat
Alrostat

-40
-40
-80

+8

1.8
320
40
77

CRYOL too warm at 25K alt

0100Z 250/15
10 26 29.89
21

2010Z
W2 76 RW
2010Z

PS1M + PS2M 10mb diff
QC1M + QC2M at 281C alt
1.5mb diff

Ferry to PNL



NOAA G-IV ERROR SUMMARY

WINTER STORMS 2004

FERRY FLIGHT



Flight ID: N050118 (Ferry from MacDill to Honolulu)

<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:

The G4 stopped at Williams Airport (KIWA) in Phoenix, AZ to refuel before continuing to Honolulu, HI.

There were no data/time gaps.

Prior to departing MacDill AFB, Chris Hornbrook replaced the analog board for PS2M. Both PS1M and PS2M compared well after Chris did a manual QC of all instrumentation once the aircraft was level at altitude.

All other instruments worked optimally during the flight.

	Takeoff	Landing
Aircraft Static Pressure	1032.0mb/973.2mb	974.0mb/1009.9mb

Corrected Tower Pressure 1032.3mb/973.8mb 975.0mb/1011.7mb

Flight Director: A. Barry Damiano (813) 828-3310 ext. 3073