

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

AOCWF1

Flt ID: <i>N050806</i>	From: <i>KMCF</i>	To: <i>TBPB</i>
Flt No: <i>05-115</i>	Blk In: <i>2053z</i>	ATA: <i>2050z</i>
ETD: <i>1700z</i>	Blk Out: <i>1707z</i>	ATD: <i>1716z</i>
ETE:	Blk Time: <i>3:46 (3.8)</i>	Flt Time: <i>3:34 (3.6)</i>
Sponsor Org: <i>HRD</i>	Program: <i>SALEX</i>	Purpose: <i>FERRY TO BARBADOS</i>

AOC Personnel

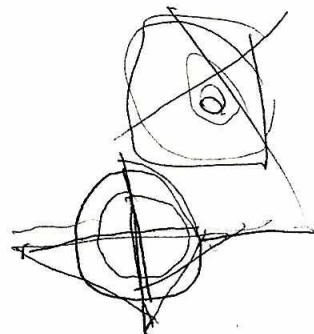
AC: <i>FINN</i>	Sys Eng:
CP: <i>HAGAN / ODELL</i>	Data Sys: <i>BROGAN</i>
Nav:	Radar:
FE: <i>KITSON</i>	GPS/BT: <i>CARPENTER / TONG</i>
FD: <i>DAMIANO</i>	Cld Phys:
Avionics:	<i>PARRISH</i>

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
<i>DUNTON</i>	<i>PI</i>	<i>HRD</i>
<i>HARRIS</i>	<i>ASSISTANT</i>	

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

MADS failed after T/O *Switched to TT3, AT3 prior to T/O*
from TT1, AT1



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AOCWF2

Flt ID: N050806 Time Off: 1716Z Time On: 2050Z

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	<u>1017.0</u>	<u>30.06 / 1017.4</u>	<u>1005.9</u>	<u>NA</u>

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	<u>1</u>	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes		

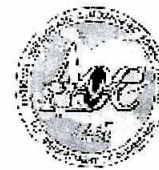
Video

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

Remarks



NOAA G-IV ERROR SUMMARY
SALEX 2005
FERRY FROM MacDILL AFB TO BARBADOS



Flight ID: N050806

<u>Sensor or system</u>	<u>Number or Name</u>
INE (for wind derivation)	VEW_PITR, VNS_PITR
Accelerometer	ACINS_PITR
Temperature Probe	AT3
Dew Point Probe	DPRC
Static Pressure	PS2C
Dynamic Pressure	QC2C
Attack Angle	AKRD1
Slip Angle	SSRD2
Vert. Wind	PALT
Constants File	49cal041
Project Directory	/proj/506

Local surface observation not current or unavailable.

Notes:

There was one data gap: 171624Z - 172731Z.

The Total Temperature #2 (TT2) probe was not available for this mission.

During the time frame 1957Z – 2026Z, there were oscillations in several analog variables including PS1M and PS2M, QC1M and QC2M, all total temperature values, AP1 and AP2, DAP1 and DAP2, and DBP1 and DBP2. These oscillations could result in erroneous values of ambient temperature (ATX), horizontal wind direction and wind speed (WD, WS), and vertical wind (WI).

All other instruments worked optimally during the brief flight.

	Takeoff	Landing
Aircraft Static Pressure	1017.0mb	1005.9mb
Corrected Tower Pressure	1017.4mb	NA
Flight Director:	A. Barry Damiano	(813) 828-3310 ext. 3073

N050806

VIEW-PETR, VNS-PETR

AT3,

PS2M

QC2M

TAS2

AKRD1

SSRD2

PALT

DATA GAPS

171624-172734z

PS1M, PS2M oscillating 2001-2026z

1957z - 2026z

N050807

DATA GAPS

144632-145540z

~~NO WPS~~

WPS-PETR

GLAT, VIEW, VNS, PALT, ASINS