

1419

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

AOCWF

Flt ID: 090822F	From: TBPB	To: KMCF
Flt No: 09-060	Blk In: 1954 z	ATA: 1943 z
ETD: 1430 z	Blk Out: 1409 z	ATD: 1419 z
ETE: 5+45	Blk Time: 5.8 5.8	Flt Time: 5.6
Sponsor Org: HRD	Program: PHX	Purpose: Repto

AOC Personnel

AC: CHOY	Sys Eng: Peek
CP: NELSON EBHARDT	Data Sys: Naehar Bosko
Nav: SLOAN GALLAGHER	Radar:
FE: Floyd Bast Darby Klippel	GPS/BT: Smith
FD: Henning Parnish	Cld Phys:
Avionics: San Souci	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
Mitchell		MAINT
Defeo		MAINT
Dvorsky		UMASS

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

1013.0 TBPB Altim (29.91) takeoff (Ps 1007.4)
~~1014.2 TBPB Altim~~
 29.95 landing KMCF (Ps 1013.3)
 TOWER (1006.6 STA PRESSURE)

1409-200-96

9/13

1419 → 2019

-19/17/36

S.24

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AOCWF2

Flt ID: _____

Time Off: _____

Time On: _____

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure				

	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



**N43RF ERROR SUMMARY
HURRICANE 2009
Reposition Flight TBPB > KMCF Following
Ana / Bill Barbados Deployment**



Flight ID: 090822I

<u>Sensor or system</u>	<u>Number or Name</u>
Inertial	INE1
Accelerometer	ACC1
Temperature Probe	TT1
Dew Point Probe	TDM2 (EDGETECH)
Static Pressure	PSFX
Dynamic Pressure	PQF1
Vert. Wind	ALTI1X
Constants File	n43_hur09v2.adc
Project Directory	/acdata/2009/hur09

Notes:

There were many short data gaps along with one long (12 minute) gap:

17:20:31 - 17:20:32
17:22:31 - 17:22:35
17:32:01 - 17:32:34
17:36:31 - 17:36:39
17:38:01 - 17:38:08
17:38:31 - 17:38:37
17:39:01 - 17:39:11
17:41:01 - 17:41:10
17:45:31 - 17:45:38
17:50:11 - 17:50:27
17:54:01 - 17:54:04
17:56:01 - 17:56:07
17:56:51 - 17:57:02
18:07:01 - 18:07:10
18:21:53 - 18:21:54
18:22:11 - 18:22:21
18:28:11 - 18:40:30 (12 minute 19 second gap)

ALT1 was corrected for erroneous data sampling spikes at the end of three of the gaps:

17:20:33
17:32:35
17:39:12

PSF was corrected for a bad data spike at 17:32:35

For unknown reasons, serial data stopped being recorded at the Flight Director station at 18:21:30z.

All other instruments worked optimally during the flight.

No AXBT or dropsondes were deployed.

SPECIAL NOTE!!! The variable names dpj_wgs, dpj_was and dpj_wz in the netCDF file represent vertical ground, vertical air and vertical wind speeds, respectively, computed using Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

	Takeoff 1419Z	Landing 1943Z
Aircraft Static Pressure	1007.4 mb	1013.3 mb
Corrected Tower Pressure	1006.6 mb	1014.2 mb

Flight Directors: Richard Henning / Jack Parrish (813) 828-3310 ext 3086

