N43RF ERROR SUMMARY
Coyote/IWRAP Test Flight
10 September 2015

Flight ID: 20150910I1

Sensor or system	Number or Name
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.1
Dewpoint Temp. Probe	TDM.2
Vertical Accelerometer	AccZfilterI-GPS.1
Altimeter	AltGPS.3
INE Selection	1
Differential Attack Pressure Probe	PDALPHA.1
Differential Sideslip Pressure Probe	PDBETA.1
Dynamic Attack Pressure Probe	PQALPHA.1
Dynamic Sideslip Pressure Probe	PQBETA.1
Flight Directory	acdata/2015/MET/20150910I1

Local Met Data:	Takeoff (1357Z)	Landing (1826Z)
Aircraft Static Pressure	1016.9 mb	1014.1 mb
Tower Pressure (corrected)	1016.4 mb	1015.4 mb

Notes:

The flight level data in general looked very good. However, the AsfmrWS (AOC SFMR wind speed) data was unusually high during the early portion of the flight over the Gulf of Mexico (GOM) and it had a number of unrepresentative spikes over the GOM. Additionally, the sfmrWS (raw Prosensing SFMR wind speed) was capped at ~7kts.

Takeoff/Landing data: Data during landing and takeoff are potentially suspect. It is recommended that ground data not be used for scientific analysis.

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.

Expendable Type	Number deployed	Number good	Number of messages transmitted
GPS dropwindsonde	1	1	0
AXBT	0	0	0
Test Sondes	0	0	0

Flight Director: *Mike Holmes*
Phone #: *(813) 828-4621*