



N43RF ERROR SUMMARY COYOTE FLIGHT TEST AT AVON PARK



Flight ID: 20150806I1

<u>Sensor or system</u>	<u>Number or Name</u>
INE (for wind derivation)	INE1
Accelerometer	AccZfilterI-GPS.2
Temperature Probe	TTM.1
Dew Point Probe	TDM.2 (EdgeTech)
Static Pressure	PSM.2
Dynamic Pressure	PQM.2
Altimeter (for Vert. Wind)	ALTGPS.3 (Novatel GPS)
Project Directory	/acdata/2015/MET/20150806I1

Notes:

The COYOTE UAS failed shortly after being deployed from the canister and experienced a uncontrolled landing.

There were no data gaps.

AAMPS data system was running out of trunk. This appears to have resolved the data system issues that were present during the 8/5/2015 mission.

All instrumentation worked optimally. No data modifications were needed.

SPECIAL NOTE!!! The variable names DPJ_GSZ, DPJ_ASZ and DPJ_WSZ in the netCDF file represent vertical ground speeds, vertical air speeds 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 (1305Z)	Landing (1421Z)
	KMCF	KMCF
Aircraft Static Pressure	1018.4mb	1018.4mb
Corrected Tower Pressure	1017.7mb	1018.5mb

Flight Director: A. Barry Damiano (813) 828-4633