

N42RF ERROR SUMMARY
20201009H1

Flight ID: 20201009H1

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/2020/MET/20201009H1
Local Met Data	Takeoff KLAL (0954Z) Landing KLAL (1712Z)
Dynamic Corrections	Yes
AttackAngleIntercept	2.27641
AttackAngleSlope	6.01899
SlipAngleIntercept	0.232
SlipAngleSlope	7.17429
AttackAngleIntercept2	2.06387
AttackAngleSlope2	6.01177
SlipAngleIntercept2	0.195
SlipAngleSlope2	6.67434

Notes:

There were no edits made in the measured parameters used to calculate meteorological and navigational parameters.

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

Data system restart required during transit to storm. B file contains in-storm data and was used to generate BC file. PDAlpha.2 and PDBeta.2 inoperative. PQM.1 generally trends well with the other PQM sensors but deviates at several points in-flight. PitchI.3 and RollI.3 unavailable. TTM.3 unavailable. TDM.1 multiple data spikes early in-flight, particularly at ~1038 and ~1111Z. TDM.3 inoperative. TRadU.1 unavailable.

Expendable Type -----	# deployed -----	# good -----	# transmitted -----
Dropsondes	27	27	26

Test sondes	0	0	0
AXBTs	0	0	0
AXCPs	0	0	0
AXCTDs	0	0	0
UAS	0	0	0

Flight Director: Carpenter / Holmes
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ACAT-4 Version = 7.3