

N49RF ERROR SUMMARY
20190222N1

Flight ID: 20190222N1

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	AccZI.2
Altimeter	AltGPS.2
INE Selection	2
Differential Attack Pressure Probe	PDALPHA.2
Differential Sideslip Pressure Probe	PDBETA.2
Dynamic Attack Pressure Probe	PQALPHA.2
Dynamic Sideslip Pressure Probe	PQBETA.2

Flight Directory acdata/2019/MET/20190222N1

Local Met Data	Takeoff PHNL (0340Z)	Landing PHNL (0844Z)
Dynamic Corrections		Yes
AttackAngleIntercept		3.97801
AttackAngleSlope		3.86172
SlipAngleIntercept		1.258
SlipAngleSlope		6.69941
AttackAngleIntercept2		5.04641
AttackAngleSlope2		5.41847
SlipAngleIntercept2		0.905
SlipAngleSlope2		6.78464

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.

A flight director was not aboard for real-time data assessment. No _FDlog.dat, _serial.dat, _1p.txt and _iwg.txt files available. GPS.3 and TTM.2 unavailable. Moisture and wind quantities are unreliable.

Remarks

Expendable Type -----	# deployed -----	# good -----	# transmitted -----
Dropsondes	0	0	0
Test sondes	0	0	0
AXBTS	0	0	0
AXCPs	0	0	0

AXCTDs	0	0	0
UAS	0	0	0

Flight Director: N/A
Phone #:

ACAT-4 Version = 7.2.2

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Flight Director(s):	N/A

Pressure Comparison		
	T/O	Land
Aircraft	1013	1014.9
Tower	1013.1	1015.1

UWZ.d mean: -0.24

	Raw 1Hz Mean File Parameters				C File Parameters	
✓ Accelerometer	✓ AccAXI.1	✓ AccAYI.1	✓ AccAZI.1		✓ AccZref	
	✓ AccAXI.2	✓ AccAYI.2	✓ AccAZI.2			
	✓ AccAXI.3	✓ AccAYI.3	✓ AccAZI.3			
✓ Altitude	✓ AltGPS.1	✓ AltI.1	✓ AltPaADDU.1	✓ AltBCADDU.1	✓ ALTref	
	✓ AltGPS.2	✓ AltI.2	✓ AltPaADDU.2	✓ AltBCADDU.2	✓ ALTPA.d	
	✓ AltGPS.3	✓ AltI.3	✓ AltRA.1		✓ ALTGA.d	
✓ Ground Speed	✓ GsXI-GPS.1	✓ GsXI.1	✓ GsGPS.1	✓ GsXGPS.1	✓ GSXref	
	✓ GsXI-GPS.2	✓ GsXI.2	✓ GsGPS.2	✓ GsXGPS.2	✓ GSYref	
	✓ GsYI-GPS.1	✓ GsXI.3		✓ GsYGPS.1	✓ GSZref	
	✓ GsYI-GPS.2	✓ GsYI.1	✓ GsZI.1	✓ GsYGPS.2		
	✓ GsZI-GPS.1	✓ GsYI.2	✓ GsZI.2	✓ GsZGPS.1		
	✓ GsZI-GPS.2	✓ GsYI.3	✓ GsZI.3	✓ GsZGPS.2		
✓ Lat/Lon	✓ LatGPS.1	✓ LatI.1	✓ LonGPS.1	✓ LonI.1	✓ LATref	
	✓ LatGPS.2	✓ LatI.2	✓ LonGPS.2	✓ LonI.2	✓ LONref	
	✓ LatGPS.3		✓ LonGPS.3			
✓ Pressure	✓ PDALPHA.1	✓ PQALPHA.1	✓ PQM.1	✓ PSM.1	✓ PDALPHAref	✓ PQMref
	✓ PDALPHA.2	✓ PQALPHA.2	✓ PQM.2	✓ PSM.2	✓ PDBETAref	✓ PQ.c
	✓ PDBETA.1	✓ PQBETA.1			✓ PQALPHAref	✓ PSMref
	✓ PDBETA.2	✓ PQBETA.2			✓ PQBETAref	✓ PS.c
✓ Air Speed	✓ CasADDU.1	✓ TasADDU.1	✓ IasADDU.1		✓ IAS.d	✓ TAS.d
✓ Pitch/Roll	✓ PitchI.1	✓ PitchRateI.1	✓ RollI.1	✓ RollRateI.1	✓ PITCHref	
	✓ PitchI.2	✓ PitchRateI.2	✓ RollI.2	✓ RollRateI.2	✓ ROLLref	
	✓ PitchI.3	✓ PitchRateI.3	✓ RollI.3	✓ RollRateI.3		
✓ Temp/Dewpt	✓ TTM.1	✓ TTM.4	✓ TDM.1		✓ TD.c	✓ TTMref
	✓ TTM.2		✓ TDM.2		✓ TDMref	✓ TA.d
	✓ TTM.3					
✓ Miscellaneous (must check)					✓ UWZ.d	✓ WS.d
					✓ DPJ_WSZ	✓ WD.d
					✓ HUM	

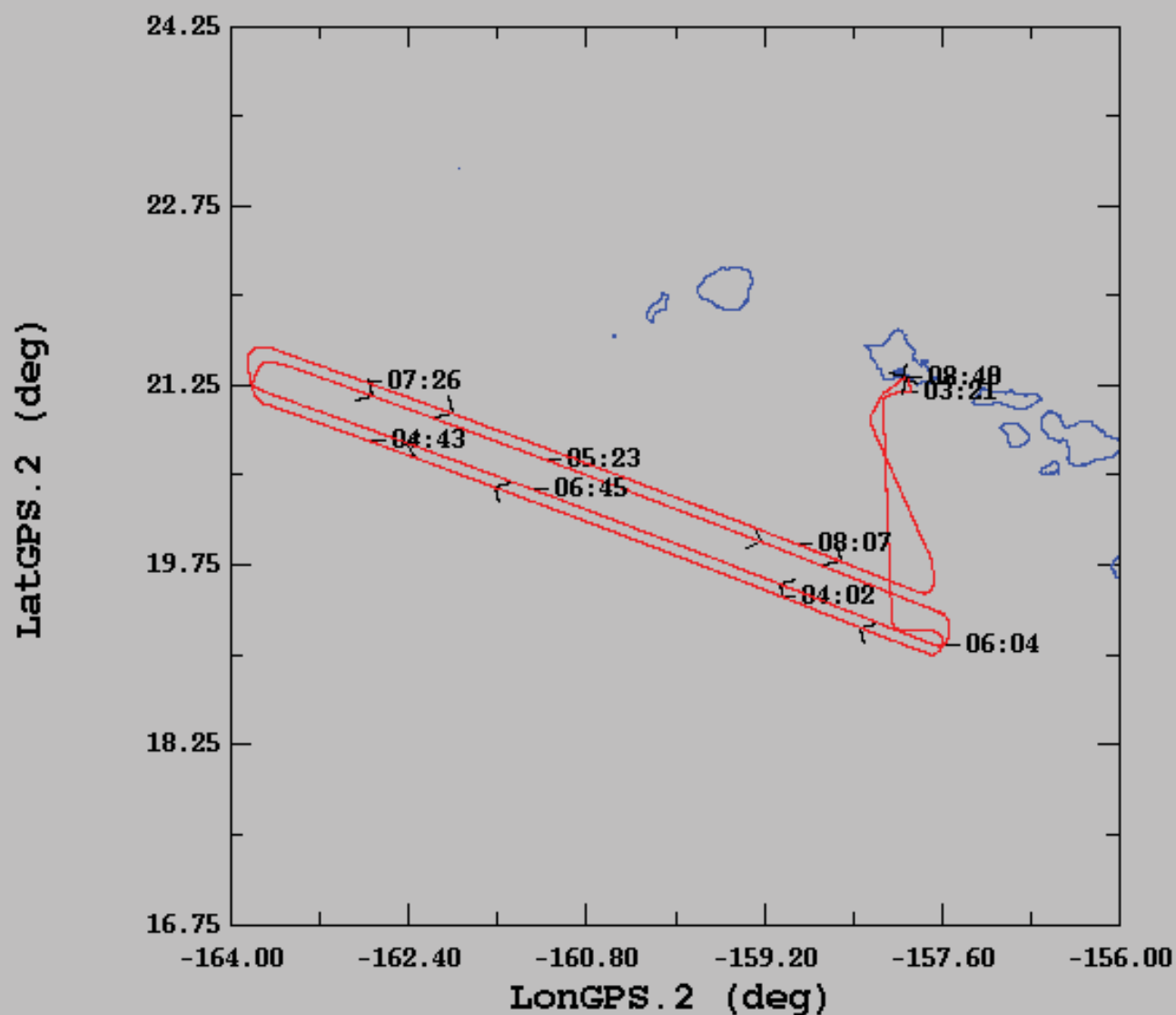
FLID_Mission_Documents.pdf:

✓	Error Summary
n/a	Crew Manifest
✓	QC checklist
n/a	Dropwindsonde Log(s) – AVAPS and FD if completed
✓	Flight Track
n/a	Miscellaneous FD notes

NOTES:

TDM1 spikes a lot more than TDM2

2019-02-22, 02:40:31-08:48:06



	mean	sigma	min	max
LatGPS.2 (deg), 1 s/sec	20.41	0.71	19.00	21.57
LongGPS.2 (deg), 1 s/sec	-160.06	1.99	-163.84	-157.54