

N49RF ERROR SUMMARY
20190225N1

Flight ID: 20190225N1

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/20190225N1

Local Met Data	Takeoff PHNL (0258Z)	Landing PHNL (0809Z)
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.

Expendable Type -----	# deployed -----	# good -----	# transmitted -----
Drosondes	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

PHNL

0200Z 0811Z

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Flight Director(s):	N/A

Pressure Comparison		
	T/O	Land
Aircraft	1013	1016.8
Tower	1014.3	1017

UWZ.d mean: -0.31

	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	LasADDU.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	

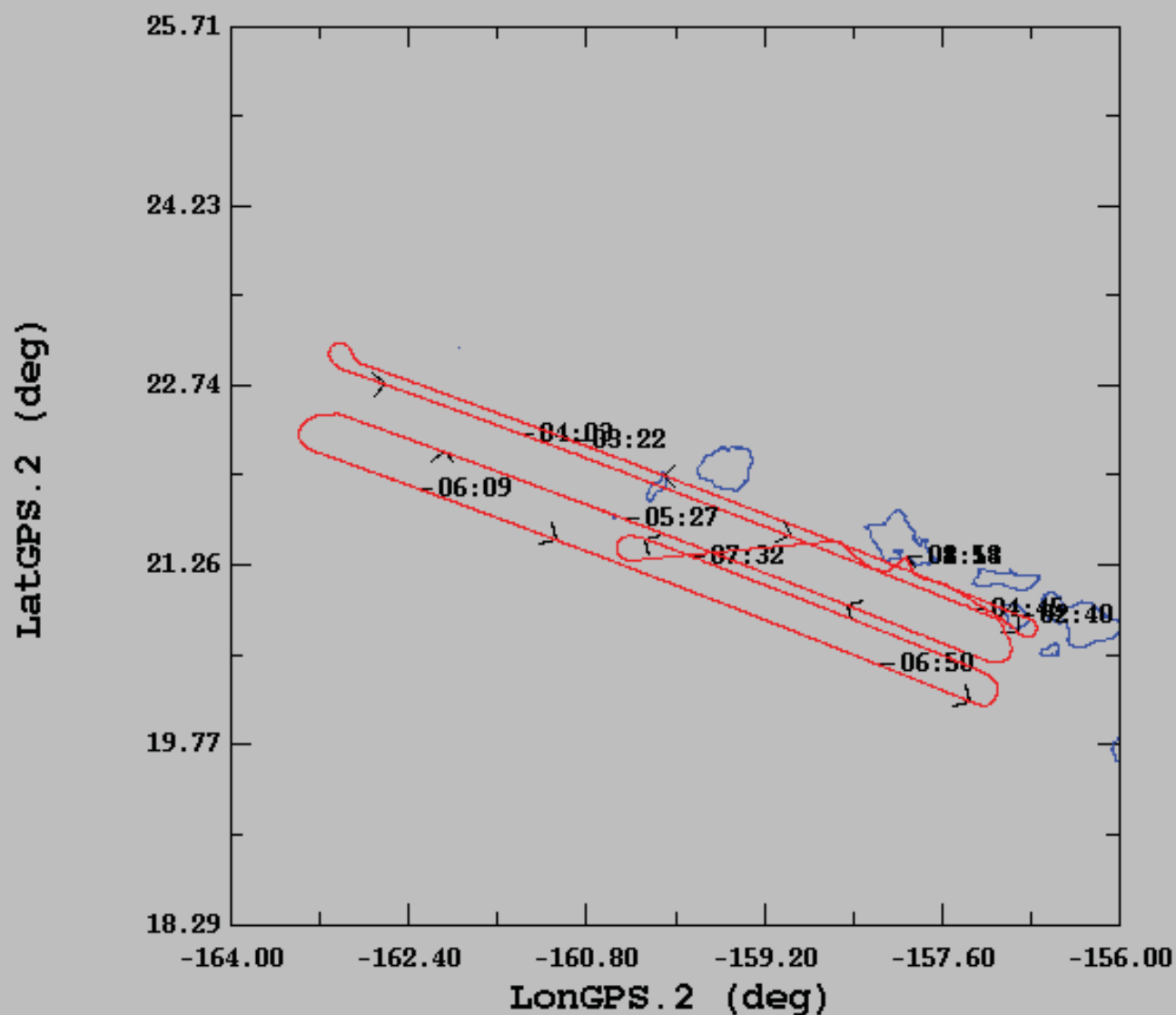
FLID_Mission_Documents.pdf:

☒	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:

alt GPS higher than other by about 300?
TDM1 more spikes than TDM2

2019-02-25, 01:58:27-08:14:34



	mean	sigma	min	max
LatGPS.2 (deg), 1 s/sec	21.48	0.66	20.10	23.09
LongGPS.2 (deg), 1 s/sec	-159.60	1.82	-163.38	-156.74