

N49RF ERROR SUMMARY
20190324N1

Flight ID: 20190324N1

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/20190324N1

Local Met Data	Takeoff NSTU (2132Z)	Landing PHNL (0218Z)
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

Flight ID:	20190324N1
Flight Director(s):	N/A

UWZ.d mean: 0.25

Pressure Comparison		
	T/O	Land
Aircraft	1011	1018
Tower	1011.9	1018

N 87U to 74N2

	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	AltPA.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	GsYI.1	GsZI.1	GsYGPS.1	GSZref	
	GsYI-GPS.2	GsYI.2	GsZI.2	GsYGPS.2		
	GsZI-GPS.1	GsYI.3	GsZI.3	GsZGPS.1		
	GsZI-GPS.2			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	Q.c
	PDBETA.1	PQBETA.1			PQALPHAref	PSMref
	PDBETA.2	PQBETA.2			PQBETAref	PS.c
☒ Air Speed	CasADDU.1	CasADDU.1	CasADDU.1		CAS.d	CAS.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	TMref
	TTM.2		TDM.2		TMref	TA.d
	TTM.3					
☒ Miscellaneous (must check)					UWZ.d	WS.d
					DPJ_WSZ	WD.d
					HUM	

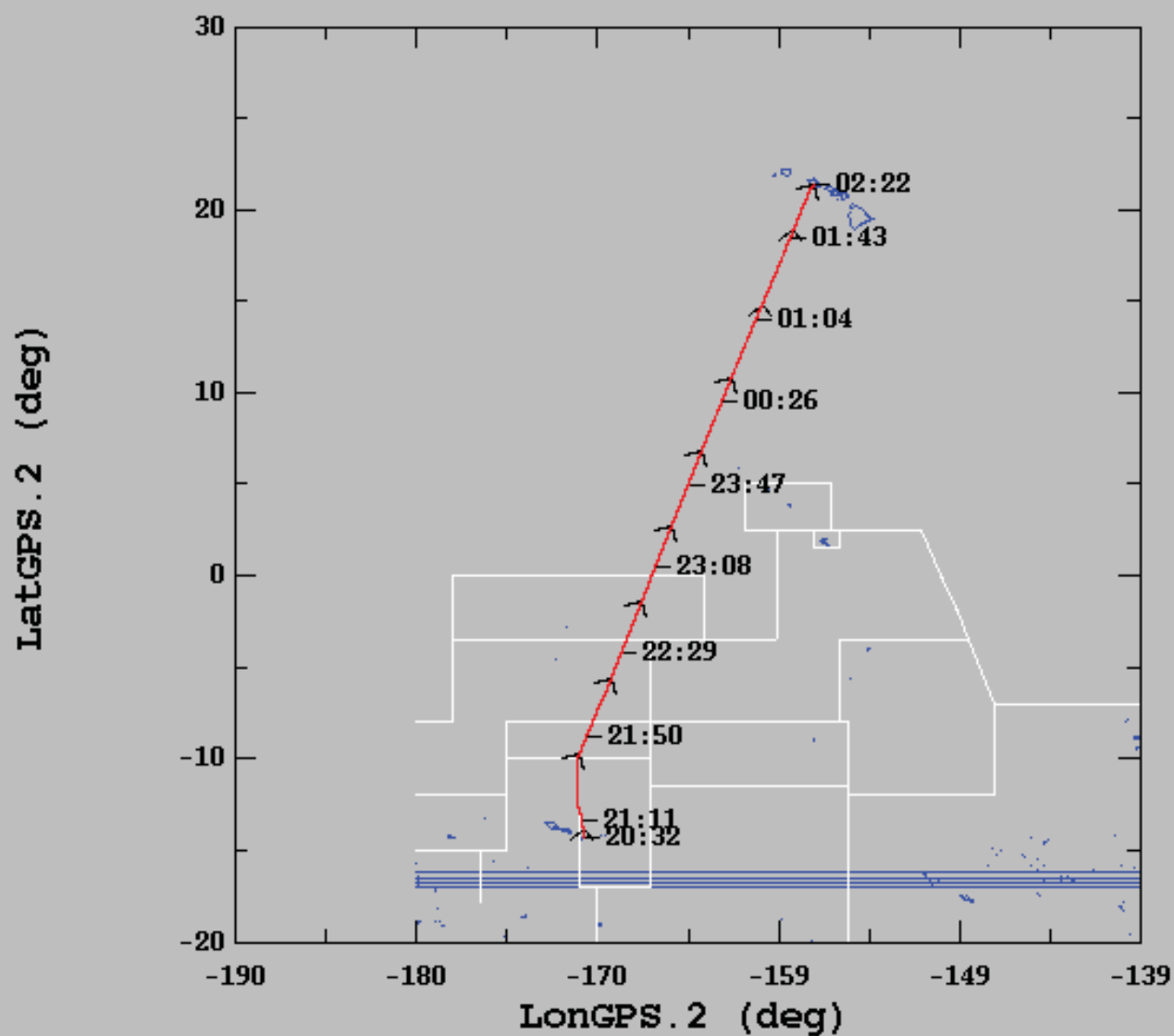
FLID_Mission Documents.pdf:

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

NOTES:

HUM above 100%
too cooler than td

2019-03-24, 20:32:58-26:22:32



	mean	sigma	min	max
LatGPS.2 (deg), 1 s/sec	3.41	11.20	-14.38	21.32
LongGPS.2 (deg), 1 s/sec	-165.31	4.32	-171.09	-157.91