Flight ID: 20190224N2

Sensor or System	Number or Name
Static Pressure Probe	PSM.1
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/20190224N2

Local Met Data   Takeoff PHNL (1556Z)   Landing PHNL (2209Z)

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.

Moisture and wind quantities unreliable. GPS.3 and TTM.2
inoperative. Flight Director was not aboard for real-time data
analysis and thus _FDlog.dat, _serial.dat, _lp.txt, and _iwg.txt
files are not available.

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 #: N/A

ACAT-4 Version = 7.2.2

APPENDIX 2 – GIV QC Checklist

Flight ID:	20190224N2
Flight Director(s):	Not aboard.

Pressure Comparison		
	T/O	**Land**
Aircraft	1014.1	1014.1
Tower	PHNL 1556Z 1014.4	PHNL 2330Z 1014.5

PSM.1

UWZ.d mean: -0.31 post-processing

	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
☒	Crew Manifest Not available.
✓	QC checklist
☒	Dropwindsonde Log(s) – AVAPS and FD if completed NO DROPS
✓	Flight Track
☒	Miscellaneous FD notes No FD aboard.

NOTES:

GPS.3 INOP

TTM.2 unavailable

Moisture quantities unreliable.

2019-02-24, 15:30:34-23:35:04
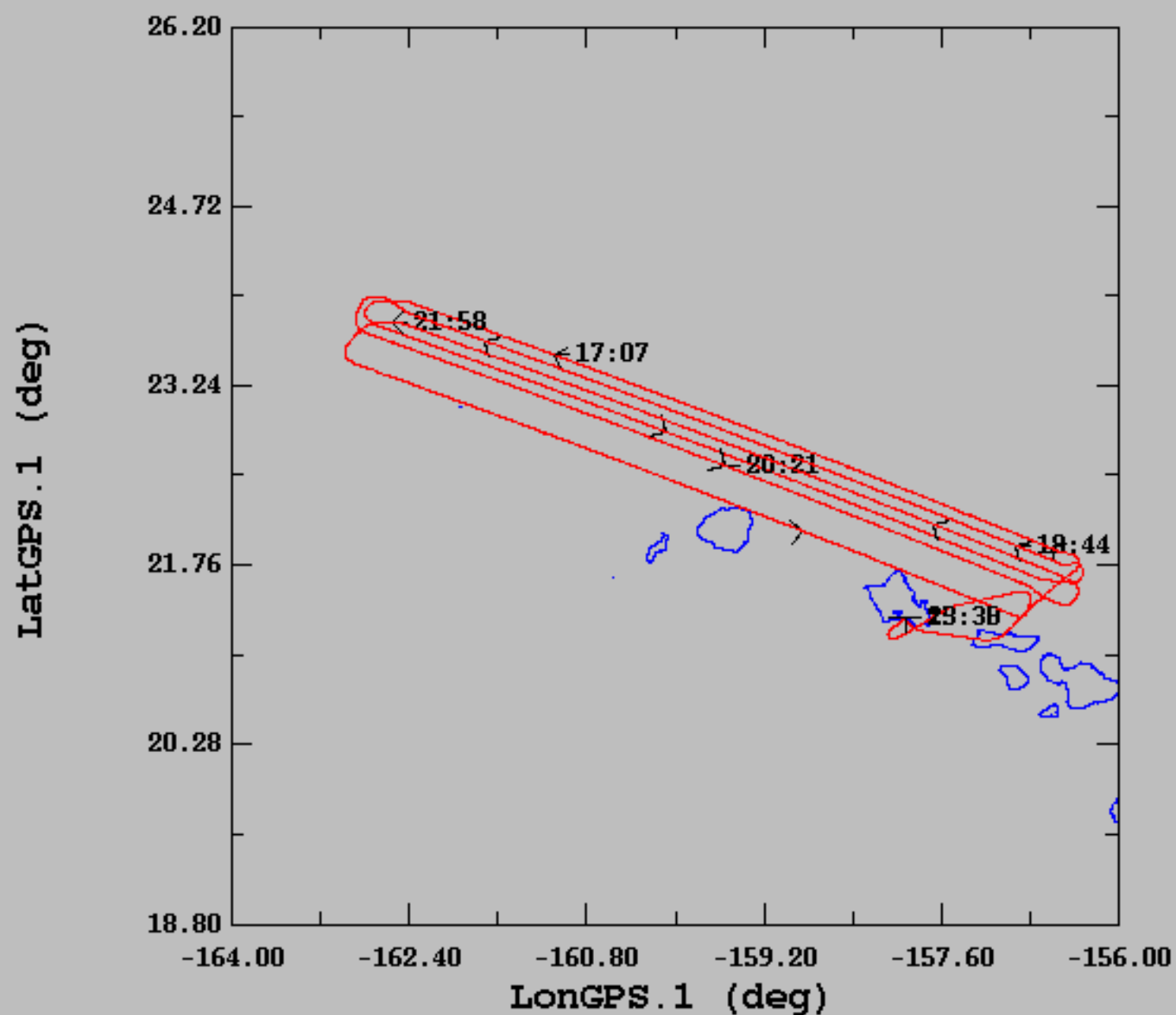
	mean	sigma	min	max
LatGPS.1 (deg), 1 s/sec	22.52	0.79	21.14	23.97
LonGPS.1 (deg), 1 s/sec	-159.35	1.91	-162.97	-156.31