

N43RF ERROR SUMMARY
20190815I1

Flight ID: 20190815I1

Sensor or System	Number or Name
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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/2019/MET/20190815I1

Local Met Data	Takeoff KLAL (1302Z)	Landing KLAL (1539Z)
Dynamic Corrections		Yes
AttackAngleIntercept		0.134998
AttackAngleSlope		6.10536
SlipAngleIntercept		0.2
SlipAngleSlope		7.27954

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.

GPS.4 unavailable. TTM.3 unavailable. TDM.3 unavailable. TRadU.1 unavailable.

Expendable Type	# deployed	# good	# transmitted
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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: Carpenter / Parrish
Phone #: 863-500-3901

ACAT-4 Version = 7.2.2

U.S. Department of Commerce / NOAA / OMAO / Aircraft Operations Center - N43RF Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	2019081511	FLT #:	19-09	AC:	Rossi	Scientists:	Pressure		Dropsondes		
From:	KLAL	ETD:	13:00Z	CP(s):	Legidakes		A/C Takeoff	1010.9	Good	Bad	Sent
To:	KLAL	ETA:	15:00Z							0	0
Block Time		Flight Time		Nav(s):	Urato		ASOS Takeoff	KLAL 1310Z 1011.6 mb	BTs		
In:	15:48	Land:	15:39	FE(s):	Sanchez		A/C Land	1011.2	Good	Bad	Sent
Out:	12:53	T/O:	13:02	FD(s):	Carpenter		ASOS Land	KLAL 1530Z 1012.3 mb	0	0	0
Total:	2.92	Total:	2.62		Parrish	Visitors:					
Sponsoring Org:	AOC			SEB:	Richards	PopStefanija, Ivan	Storm Number ID:		N/A		
Program:	PRX				Greene		(ie: AL072012)				
Purpose:	WSRA Evaluation.			SSA:	Naeher		TCPOD/WSPOD Mission		N/A		
				AVAPS:	Warnecke		OBSERVATIONS				
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					X						
SCIENCE MISSION WITHIN BDRY LAYER				X							
LACK OF PRECIPITATION					X						
RELATIVE HUMIDITY ≥ 80%				X							
LARGE AIR-SEA TEMP GRADIENT					X						
HIGH SURFACE WINDS					X						
LONG FETCH / DURATION OF SFC WND					X						
SEA SALT ACCRETION FORECAST					X						
SEA SALT ACCRETION OBSERVED					X						

*Highlighted items must be completed before departure.

Remarks:

P-3 QC Checklist

Flight ID:	2019081511
Flight Director(s):	Carpenter, Parrish
UWZ.d mean:	0.15

Pressure Comparison		
	T/O	Land
Aircraft	1010.9	1011.2
Tower	KLAL 1310Z 1011.6 mb	KLAL 1530Z 1012.3 mb

	Raw 1Hz Mean File Parameters				C File Parameters	
✓ Accelerometer	✓ AccAXI.1 ✓ AccAXI.2 ✓ AccAXI-GPS.1 ✓ AccAXI-GPS.2	✓ AccAYI.1 ✓ AccAYI.2 ✓ AccAYI-GPS.1 ✓ AccAYI-GPS.2	✓ AccAZI.1 ✓ AccAZI.2 ✓ AccAZI-GPS.1 ✓ AccAZI-GPS.2	✓ AccZfilter-GPS.1 ✓ AccZfilter-GPS.2	✓ AccZref	
✓ Altitude	✓ AltGPS.1 ✓ AltGPS.2 ✓ AltGPS.3 X AltGPS.4	✓ Altl-GPS.1 ✓ Altl-GPS.2	✓ AltPaADDU.1 ✓ AltBCADDU.1	✓ AltRA.1 ✓ AltRA.2	✓ ALTref ✓ ALTPA.d ✓ ALTGA.d	✓ AltRA1.c ✓ AltRA2.c
✓ Ground Speed	✓ GsXI-GPS.1 ✓ GsXI-GPS.2	✓ GsYI-GPS.1 ✓ GsYI-GPS.2	✓ GsZI-GPS.1 ✓ GsZI-GPS.2		✓ GSXref ✓ GSYref ✓ GSZref	
✓ Lat / Lon	✓ LatGPS.1 ✓ LatGPS.2 ✓ LatGPS.3 X LatGPS.4	✓ Latl-GPS.1 ✓ Latl-GPS.2	✓ LonGPS.1 ✓ LonGPS.2 ✓ LonGPS.3 X LonGPS.4	✓ Lonl-GPS.1 ✓ Lonl-GPS.2	✓ LATref ✓ LONref	
✓ Pressure	✓ PDALPHA.1 ✓ PDALPHA.2 ✓ PDBETA.1 ✓ PDBETA.2	✓ PQALPHA.1 ✓ PQBETA.1	✓ PQM.1 ✓ PQM.2 ✓ PQM.3 ✓ PQM.4	✓ PSM.1 ✓ PSM.2 ✓ PTM.1	✓ PDLAPHAref ✓ PDBETAref ✓ PQALPHAref ✓ PQBETAref	✓ PQMref ✓ PQ.c ✓ PSMref ✓ PS.c
✓ Air Speed	✓ CasADDU.1	✓ TasADDU.1	✓ lasADDU.1		✓ IAS.d	✓ TAS.d
✓ Pitch / Roll	✓ Pitchl.1 ✓ Pitchl.2 X Pitchl.3	✓ PitchRatel.1 ✓ PitchRatel.2 X PitchRatel.3	✓ Rolll.1 ✓ Rolll.2 X Rolll.3	✓ RollRatel.1 ✓ RollRatel.2 X RollRatel.3	✓ PITCHref ✓ ROLLref	
✓ Temp / Dewpt	✓ TTM.1 ✓ TTM.2 X TTM.3	✓ TDM.1 ✓ TDM.2 X TDM.3	✓ TRadD.1 ✓ TRadS.1 X TRadU.1		✓ TD.c ✓ TDMref	✓ TTMref ✓ TA.d
✓ Misc. (Must check)					✓ UWZ.d ✓ DPJ_WSZ ✓ HUM	✓ WS.d ✓ WD.d

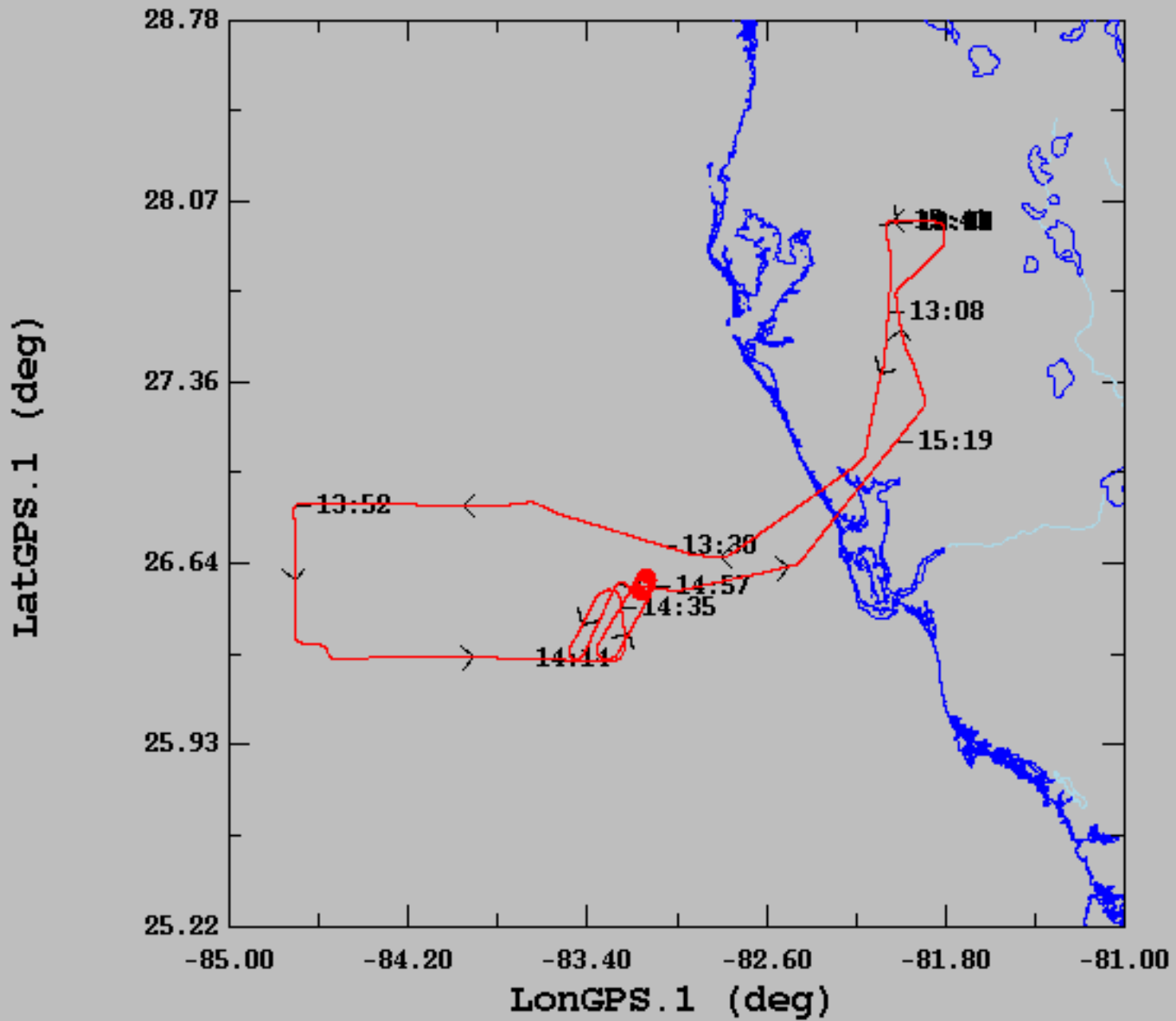
FLID_Mission_Documents.pdf:
✓ Error Summary
✓ Crew Manifest
✓ QC Checklist
X Dropwindsonde Log(s) - AVAPS and FD if completed
✓ Flight Track
X Miscellaneous FD Notes

QC Key	
Not checked	<input type="checkbox"/>
Valid	<input checked="" type="checkbox"/>
Errors (note)	<input checked="" type="checkbox"/>

NOTES:

GPS.4 unavailable.
 TTM.3 unavailable.
 TDM.3 inoperative.
 TRadU.1 unavailable.

08/15/2019, 10:57:51-15:41:24



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	27.33	0.68	26.26	27.99
— LongGPS.1 (deg), 1 s/sec	-82.62	0.84	-84.71	-81.80