

N49RF ERROR SUMMARY
 EPAC HURRICANE NORMAN 2nd REPO LEG KLGB - PHNL

Flight ID: 20180902N2

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.1
Vertical Accelerometer	AccZI.1
Altimeter	AltGPS.3
INE Selection	1
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/2018/MET/20180902N2

Local Met Data	Takeoff KLGB (2001Z)	Landing PHNL (0137Z)
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.

Flight level winds and dew point data suspect

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: Henning
 Phone #: (863) 500-3982

1013.77mb

U.S. Dep't. of Commerce / OMAO / NOAA / Aircraft Operations Center

FLT ID: 20160902N1	From: KLAL → KLGB	To: PHNL
FLT #: 20160902N2	Blk In: KLGB PHNL 1634 0142 Z	Lnd Time: KLGB PHNL 1630 Z 0137
ETD: 1400 Z	Blk Out: KLAL KLGB 1353 1455 Z	T/O Time: KLAL KLGB 1400 Z 2001 Z
ETE:	Total Blk: 4.7h 5.8	Total Flt: 4.5h 5.6h
Sponsoring Org: NWS	Program: PHS	Purpose: TRANSIT to HI

AOC Flight Crew

Aircraft Commander: MOYERS	SSA: DEFEO/MACALLISTER
Co-Pilot: COWAN / WADDINGTON	AVAPS: SMITH / PATEL
Navigator: /	Scientists:
Flight Eng: /	Scientists
Flt Director: MORGAN / HENNING	Scientists
SEB: / /	Scientists:

Crew Chief: NEGRON Visitors: #2 1010.5 /

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	KLAL 1013.3mb KLGB 1013.77 (Acc) → 29.89 1010.1	#2 1009.0	1009.4	29.82 29C PHNL

AS REQUIRED BY ORM	YES / NO	REMARKS
VOLCANIC ASH		
SCIENCE MISSION WITHIN BOUNDARY LAYER		
LACK OF PRECIPITATION		
RELATIVE HUMIDITY AT OR ABOVE 80%		
LARGE AIR-SEA TEMPERATURE GRADIENT		
HIGH SURFACE WINDS		
LONG FETCH AND/OR DURATION OF SFC WIND		
SEA SALT ACCRETION FORECAST		
SEA SALT ACCRETION OBSERVED		

Dropsondes	None	Good: _____	Bad: _____	Sent: _____
AXBT		Good: _____	Bad: _____	Sent: _____

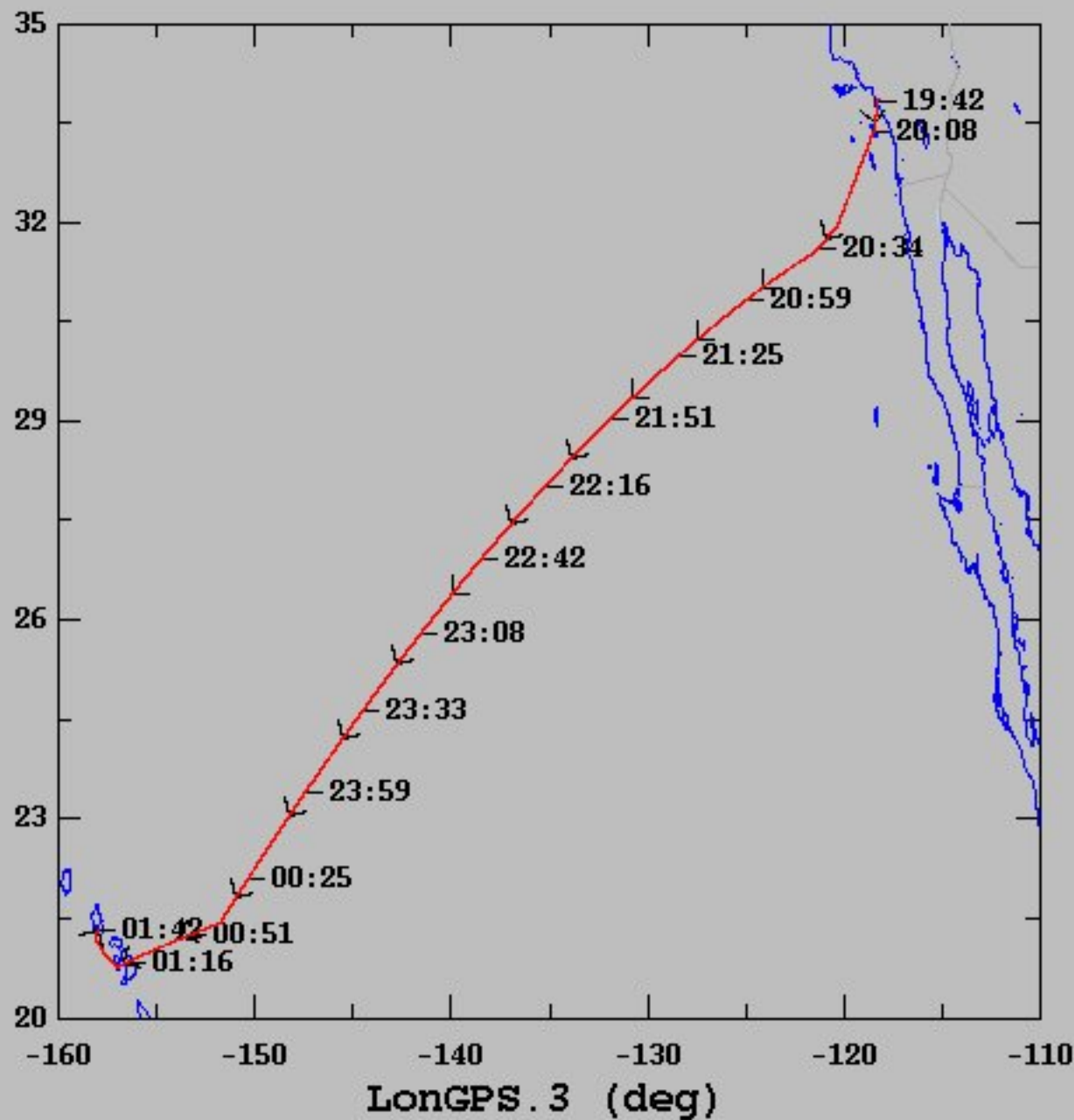
List other data sources in Remarks section

Remarks (Storm VDM Identifier, Mission ID, Fix Times)	Fix #	VDM Ob Num	Fix Time / SLP
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Storm Number Identifier (VDM): (ie: AL072012)			
TCPOD/WSPOD Mission ID: (ie: NOAA2 2418A SANDY)			

Remarks:

09/02/2018, 19:42:45-25:42:24



REPO KLGB → PHNL

APPENDIX 2 – GIV QC Checklist

Flight ID:	20180902N2
Flight Director(s):	HENNING / MORGAN

Pressure Comparison		
	T/O	Land
Aircraft	1010.5	1009.0 1009.0
Tower	1010.1	1009.4

UWZ.d mean: Greater than 2.0 from A.nc
+0.04 after 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	PQM.11	PSM.11	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.11	TDM.1		TD.c	TTMref
	TTM.2	TTM.13	TDM.2		TDMref	TA.d
	TTM.3	TTM.4	TDM.11			
Miscellaneous (must check)					UWZ.d	WS.d
					DPJ_WSZ	WD.d
					HUM	

Mission Documents:

<input checked="" type="checkbox"/>	Error Summary	
<input checked="" type="checkbox"/>	Crew Manifest	
<input checked="" type="checkbox"/>	QC checklist	
	Dropwindsonde Log(s) – AVAPS and FD if completed	N/A
	Miscellaneous FD notes	

NOTES:

NO DROPS — straight transit