

N49RF ERROR SUMMARY
 G-IV Hurr Shakedown Flt

Flight ID: 20170525N1

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.1
Differential Sideslip Pressure Probe	PDBETA.1
Dynamic Attack Pressure Probe	PQALPHA.1
Dynamic Sideslip Pressure Probe	PQBETA.1

Flight Directory acdata/2017/MET/20170525N1

Local Met Data	Takeoff KMCF (1750Z)	Landing KMCF (1958Z)
Dynamic Corrections		Yes
AttackAngleIntercept		5.1083
AttackAngleSlope		5.91956
SlipAngleIntercept		1.05
SlipAngleSlope		6.80484
AttackAngleIntercept2		5.05312
AttackAngleSlope2	5.74156	
SlipAngleIntercept2		0.8
SlipAngleSlope2		6.89644

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.

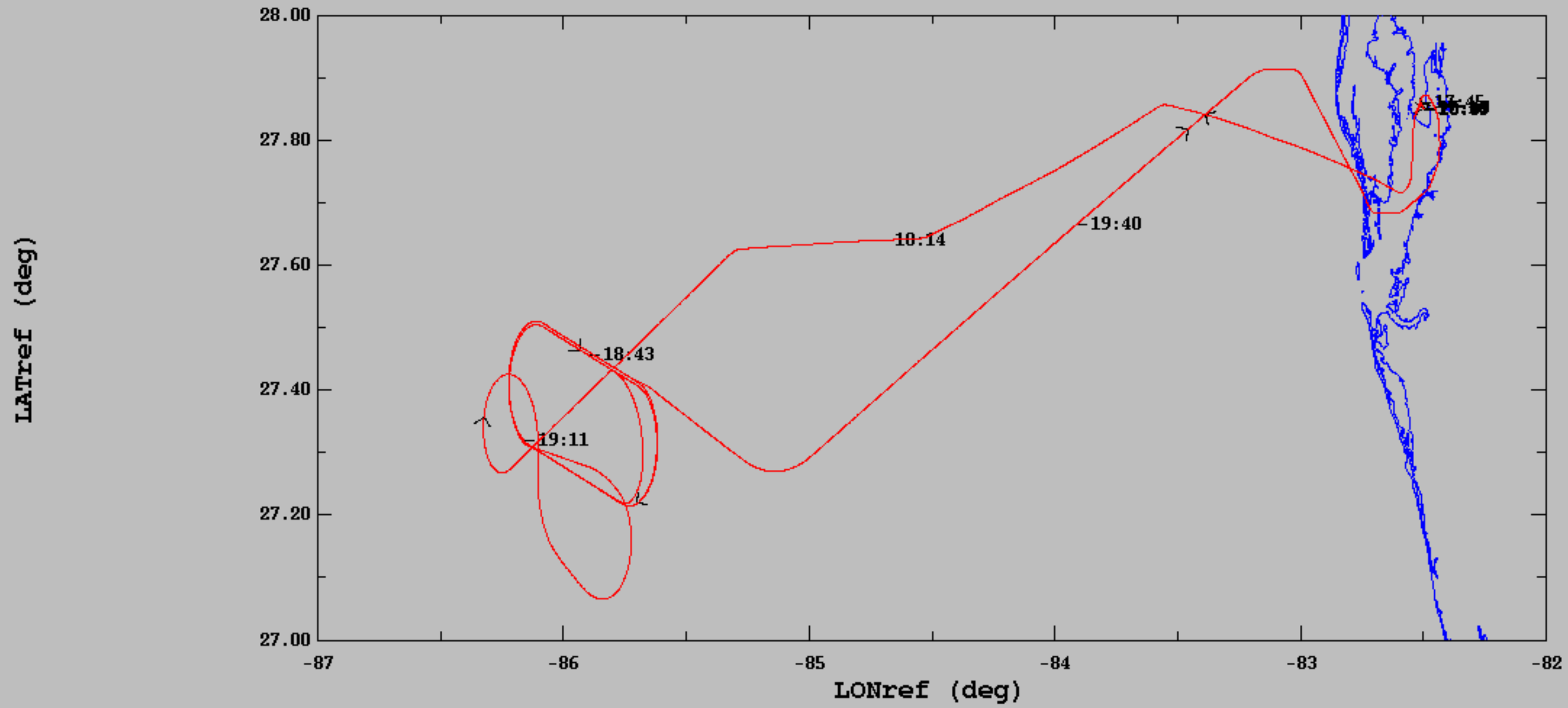
Expendable Type -----	# deployed -----	# good -----	# transmitted -----
Dropsondes	0	0	0
Test sondes	0	0	0
AXBTs	0	0	0
AXCPs	0	0	0
AXCTDs	0	0	0
UAS	0	0	0

Flight Director: Henning/Williams
 Phone #: 863-500-3987

ACAT-4 Version = 7.1

G-IV Hurr Shakedown Flt

05/25/2017, 16:47:27-20:09:43



	mean	sigma	min	max
— LATref (deg), 1 s/sec	27.63	0.24	27.07	27.91
— LONref (deg), 1 s/sec	-84.03	1.55	-86.32	-82.43

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FLT ID: 20170525N1	From: KMCF	To: KMCF
FLT #:	Blk In: Z	Lnd Time: 2000 Z
ETD: 1700 Z Z	Blk Out: 1714 Z	T/O Time: 1753 Z
ETE: 2.0	Total Blk:	Total Flt: 2.1
Sponsoring Org:	Program:	Purpose:

AOC Flight Crew

Aircraft Commander: Twining	SSA: Defco
Co-Pilot: Sims, Moyers	Radar AVAPS: Greene
Navigator: /	Scientists:
Flight Eng: /	Scientists:
Flt Director: Henning, Williams	Scientists:
SEB: Warnerke, Smith, McAlister	Visitor: Dustin Norman (NWS)
Crew Chief:	Visitors: / /

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	DSM 1011.0 ISM 1011.7	1658 1011.6 2989	PSM 1 1010.9 PSM 2 1011.2	1011.3

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	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
Storm Number Identifier (VDM): (ie: AL072012)			
TCPOD/WSPOD Mission ID: (ie: NOAA2 2418A SANDY)			

Remarks:

27. 28.8 085.59.6 8607.4
-85.90

26 30 83 W
Sfc press in at lab to cabin?
LND
T/M.1 = 14.8 T/M.1 16.3
meter = 16 ta = 28.5
ta = 28.1 meter = 29.1
meter = 29.0