N42RF ERROR SUMMARY 20180718H1

Flight ID: 20180718H1

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	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/2018/MET/20180718H1

Takeoff J	KLAL (1728Z)	Landing KLAL (1929Z)
Corrections		Yes
gleIntercept		2.31252
gleSlope		6.06758
eIntercept		0.4295
eSlope		7.17033
	a Takeoff Corrections gleIntercept gleSlope eIntercept eSlope	Corrections gleIntercept gleSlope eIntercept

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.

Note: QC accomplished by Michael Holmes (mike.holmes@noaa.gov) PDAlpha.2 unrepresentative throughout flight. TDM.2 very noisy. Neither of these instrument issues affected the real-time or post processed flight level data as neithe were selected as the source instrument.

Expendable Type	<pre># deployed</pre>	# good	<pre># transmitted</pre>
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

						craft Operations Center - NOAA 42 Flight Manifest CREW MANIFEST MISSION INFORMATION								-	
				AC: PRICE Scientists:			Broc	MISSION INFORMATION Pressure Dropsondes				00			
	20180718F		FLT #:	47007	Literation	5.5	AC:		Scientists:	Fles	sure	Good	Bad	Sent	
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	$\cap$	3	<b>T</b> ( )	0	A		FD(s):	PARRISH	Visitors:	Land					V.)
Total:	Co	5 Total: 2.0		2.0		2.0		PEEK	UNDERWOOD	Storm Number ID:					]
Sponsoring Org: AOC		1 F.	SEB:	GREEN		(ie: AL072012	(ie: AL072012)								
Program: PSM		SSA:		MASCARO		TCPOD/WSP	TCPOD/WSPOD Mission		17						
			55A.	S PAUL		(ie: NOAA2 2418A SANDY) NOAA2 WXWXA TRAIN			FRAIN						
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LACK	OF PRECIPI	TATIO	N			X									
RELAT	IVE HUMID	ITY ≥ 80	0%		X										4
LARGE AIR-SEA TEMP GRADIENT		X									15				
HIGH SURFACE WINDS		X									U				
LONG	FETCH / DI	JRATIO	N OF S	FC WND	_	X									_
SEA S	ALT ACCRE	TION F	OREC	AST		X		and the second							_
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RUSKIN N/N 180/2 RA BN 046 250/8 N 5K

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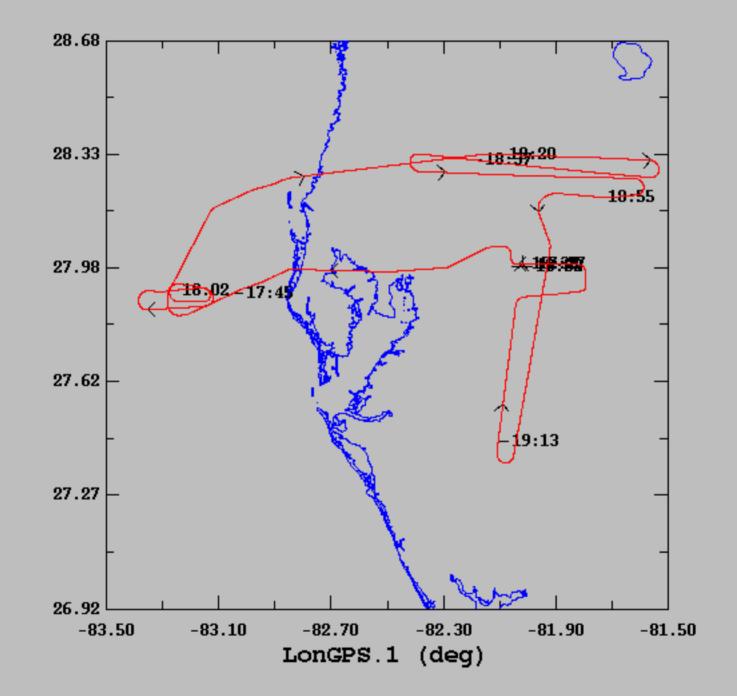
Cockpit Gmax:

Gmin:

-SIGM

## 20180718H1 Flight Track

2018-07-18, 16:52:05-19:30:54



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atGPS	tGP	

LatGPS.1	(dea).	1	s/sec
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LonGPS.1	(aeg),	т.	s/sec

mean	sigma	min	max
28.03	0.21	27.37	28.33
-82.25	0.49	-83.38	-81.53

Project	NOAA • AOC • t: Hurricane 2018	SED Mission	N42RF	AVAPS	DROP I	LOG Flight	Lead Tech: Mike Mascaro	
Take C	Off:	Landing	:		FIt D	9ir:		
Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operato	r Charge \$\$ To	Comments	Good ?
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