N42RF ERROR SUMMARY 20181009H2

Flight ID: 20181009H2

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/20181009H2

Local	Met Data	Takeoff	KLAL	(2010Z)	Landing KLAL (0556Z)
	Dynamic Correction	ns			Yes	
	AttackAngleInterd	cept			2.31252	
	AttackAngleSlope				6.06758	
	SlipAngleIntercep	ot			0.4295	
	SlipAngleSlope				7.17033	

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.

PDAlpha.2 Inop. This failure did not affect the real-time or post processed collection as PDAlpha.1 was used as the source for both.

Expendable Type	# deployed	# good	<pre># transmitted</pre>
Dropsondes	28	28	28
Test sondes	0	0	0
AXBTs	23	19	19
AXCPs	0	0	0
AXCTDs	0	0	0
UAS	0	0	0

Flight Director: Holmes
Phone #: 863-500-3983

ACAT-4 Version = 7.2.2

	FL	IGHT IN	FORMA	ATION				CREW MA	NIFEST		MISSION IN	IFORMATI	ON			
FLT ID:	20181009	H2	FLT#:	3			AC:	PRICE	Scientists:	Pre	ssure	D	ropsond	es		
From:	KLAL		ETD:	2000Z			CP(s):	ROSSI		A/C Takeoff		Good	Bad	Sent		
То:	KLAL		ETA:	0430Z			GF(S).	MITCHKELL	Joe Cione (AOML)	A/C Takeon		28	ek	28		
E	Block Time)		Flight Time			Nav(s):	FREEMAN	Kelly Ryan (HRD)	Wx Station		20	Ø	60		
ln:	/	7	In:	OF	-/	/	ivav(s).		Alex Feist (Raytheon)	Takeoff		BTs				
	061	クト	111.	050) 1	>	FE(s)	HEYSTEK	Evan Kalina	1/01		Good	Bad	Sent		
Out:	201	2 <i>001</i> Out		2001		2016	`		rc(s)	SANCHEZ	Stan Goldenberg (HRD)	A/C Land		,		
	200			It. 2010			FD(s):	HOLMES	Joe Sapp (NESDIS)	Wx Station		19	4	15		
Total:	10.	2)	Total:	Q.			FD(8).		Visitors:	Land			/	1		
Total: 10.0 Total: 9.8			SEB:	GREENE	KEITH (AOC)	Storm Number ID: AL142018										
Sponsor	ing Org:	EMC					OLD.	1	Josh Wadler	(ie: AL072012)						
rogram	Program: PRX			SSA:	MASCARO		TCPOD/WSPOD Mission NOAA2 1314A MI			ICHAE						
ourpose		TDR/C	ovote				00/1.			(ie: NOAA2 2	418A SANDY)	()				
		15100	o you				AVAPS:	MCALISTER	OBSERVATIONS							
	AS REC	QUIRED	BY OR	M	Y	N		REMARKS Fix Number Obs Number Fix Time				Fix Time		SLP		
/OLCAN	NC ASH					Х				1	/	2/28	9	50		
SCIENC	E MISSIOI	N WITH	IN BDR'	Y LAYER		Х	7 X @ PENNY CATILL			7	7	230.	7 9	55		
ACK O	F PRECIPI	TATION	1			Χ				3	5	0015	- 9	51		
RELATIN	/E HUMID	ITY≥80)%		Х		3 x layote			4	4	OLID		48		
LARGE AIR-SEA TEMP GRADIENT X				Х	YX EMC											
HIGH SURFACE WINDS X																
LONG FETCH / DURATION OF SFC WND X																
EA SAI	T ACCRE	TION F	ORECA	ST		Х										
EV CVI	T ACCRE	TION O	RSERV	FD		1	7						1			

Additional Remarks:

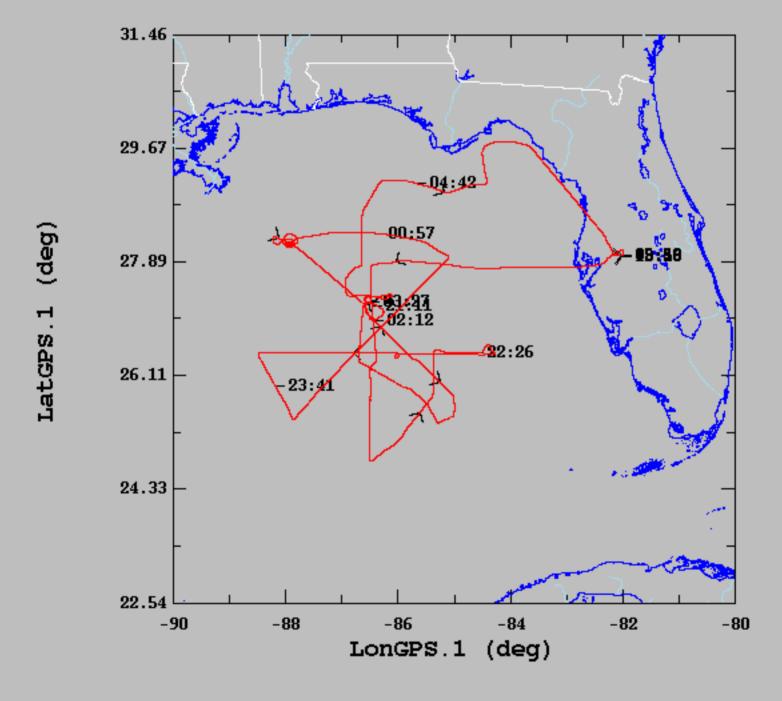
Cockpit Gmax:

Gmin:

*Highlighted items must be completed before departure.

20181009H2 Flight Track

10/09/2018, 18:40:57-29:58:05



APPENDIX 1 - P3 QC Checklist

Flight ID:	2018100942
Flight Director(s):	Holmes

Pressure Comparison									
	T/O	Land							
Aircraft	1004								
Tower	1004								

UWZ.d mean: 0.07m/s

	·	Raw 1Hz Mea	C File Parameters			
Accelerometer	WACCAXI.1	AccAYI.1	(AccAZI.1	AccZfilter-GPS.1	4AccZref	
,	VACCAXI.2	AccAYI.2	AccAZI.2	Acc-Zfilter-GPS.2		
	AccAXI-GPS	S.1 AccAYI-GPS.1	AccAZI-GPS.1			
	AccAXI-GPS	S.2 AccAYI-GPS.2	AccAZI-GPS.2			
VAltitude	VAltGPS.1	4Alţi-GPS.1	AltPaADDU.1	VAITRA.1	ALTref	AltBA1.c
	AHGRS.2	Alti-GPS.2	AltBCADDU.1	AltRA.2	ALTPA.d	AltRA2.c
	AltGPS.3				ALTGA.d	
/ .	4AltGPS.4					 1
Ground Speed	GsXI-GPS.1	Gsyl-GPS.1	GsZÍ-GPS.1		U GSXref	
	/ GsXI-GPS.2	GsYl-GPS.2	GsZI-GPS.2		GSYref	1
					4 GSZref	1
4Lat/Lon	LatGPS.1	Lati-GPS.1	LonGPS.1	4Loni-GPS.1	LÁTref	
	LatGPS.2	Lati-GPS.2	LonGPS.2	Loni-GPS.2	₩ ONref	1
	Lat GPS.3		LonGPS.3			_
	LatGPS.4		LatGPS.4			
C Pressure	PDALPHA.1	UP QALPHA.1	LEOM.1	UPSM.1	UPDALPHAref	PQMref
	PDALPHA.2	POBETA.1	PQM2	PSM.2	PDBETAref	4PQ.c
Ŋ	PDBETA.1		PQM.3	PTM.1	POALPHAref	PSMref
	PDBETA.2		PQM.4		OBETAref	4PS.c
	CasADDU.1	Tas ADDU.1	YasADDU.1		AS.d	4TAS.d
Pitch/Roll	Pitchl.1	PitchRateI.1	RollI.1	RollRatel.1	PITCHref	
1	Pitch1.2	PitchRate1.2	Roji.2	0	ROLLref	
/	Piteht.3	PitchRate1.3	Rolli.3	RollRate1.3		
Temp/Dewpt	TIMA	TDM1	TRadD.1	L	TD.c	4TTMref
	TTM.2	TOM.2	TRads.1	Ţ,	7DMref	TA.d
	TTM.3	СРБМ.3	RadU.1		· · · · · · · · · · · · · · · · · · ·	1,
Miscellaneous				i l	ŲWZ.d	4Wş.d
(must check)			•	1	/	WD.d
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FLID_Mission_Documents.pdf:

U,	i∠bocuments.put.
	Error Summary
1	Crew Manifest
8	QC checklist
	Dropwindsonde Log(s) – AVAPS and FD if completed
	Flight Track
•	Miscellaneous FD notes
1	Propwindsonde Log(s) – AVAPS and FD if completed Flight Track

NOTES: PDAlpha. 2 Inst

NOAA・AOC・SED N42RF AVAPS DROP LOG Lead Tech: Mike Mascaro urricane 2018 Mission: 日、ハミール・ロート Flight ID: 20171009日 Landing: Flt Dir: 付きた。 Project: Hurricane 2018 Take Off: ______

1 (23250)2	Dro #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Charge \$\$ To	Comments	Good
1628-5072 2 B 2144 Combo 18 poss 1 mid \ \ 1828-5072 2 B 2142 Combo 18 poss 1 mid \ \ 1832-5050 20 4 B 2142 Combo 18 poss 1 mid out \ \ 1832-5050 20 4 B 2142 Combo 18 poss 1 mid out \ \ 1832-5050 20 4 B 2142 Combo 18 poss 1 mid out \ \ 1832-5050 20 4 B 2142 Combo 18 poss 1 mid out \ \ 1832-5050 2 4 B 2238 Combo 18 poss 1 mid in \ \ 1832-5050 2 4 B 2338 Combo 18 poss 1 mid in \ \ 1832-5050 2 4 B 2330 Combo 18 poss 1 mid in \ \ 19 (23025081 4 B 2330 Combo 18 poss 1 mid in \ \ 19 (23025081 4 B 2330 Combo 18 poss 1 mid out \ \ 10 (23025081 4 B 2330 Combo 18 poss 1 mid out \ \ 10 (23025081 4 B 2333 Combo 18 poss 1 mid out \ \ 10 (2302508 3 B 2331 Combo 18 poss 1 mid out \ \ 10 (2302508 3 B 2331 Combo 18 poss 1 mid out \ \ 10 (2302508 3 B 2331 Combo 18 poss 1 mid out \ \ 10 (2302508 3 B 2331 Combo 18 poss 1 mid out \ \ 10 (2302508 3 B 2331 Combo 18 poss 1 mid out \ \ 10 (2302508 3 B 2330 Combo 18 poss 1 mid out \ \ 18 (2302508 3 B 2302 3 B 2330 Combo 18 poss 1 mid out \ \ 18 (2302508 3 B 2302 3 B 2330 Combo 18 poss 1 mid out \ \ 18 (2302508 3 B 2 B 2 B 213 Combo 18 poss 1 mid out \ \ 18 (2302508 3 B 2 B 2 B 213 Combo 18 poss 1 mid out \ \ 18 (2302508 3 B 2 B 2 B 213 Combo 18 poss 1 mid out \ \ 18 (2302508 3 B 2 B 2 B 213 Combo 18 poss 1 mid out \ \ 18 (2302508 3 B 2 B 2 B 2 B 213 Combo 18 poss 1 mid out \ \ 18 (2302508 3 B 2 B 2 B 2 B 2 B 2 B 2 B 2 B 2 B 2 B		163255022		Ø	2161	MAC	 	Cambo North 1st pass	
13 1335138	2	162825072	2	Ø	·	1			
4 166025678 3 Ø 2142 Combo 1 255 mid out V 6 (64015090 1 Ø 2238 Combo 1 post ord post V 7 (62835003 2 1.0 9252 Combo 2 post ship past V 8 12225048 3 -1.6 2306 Combo 12 post ship past V 10 16 3535039 1 0.2 2321 Combo 12 post ship past V 10 16 3535039 1 0.2 2321 Combo 12 post ship past V 11 16 0225010 2 10.4 2333 Combo 12 post ship past V 12 (63455255 3 Ø 2351 Combo 12 post ship past V 13 16 (425010 4 -0.1 0003 Combo 12 post ship past V 14 12 2335066 1 -13 0015 Combo 12 post ship past V 15 16 (63735025 3 -0.2 0019 RM) 24 post ord past V 16 (63835025 3 -0.3 0021 RM) 24 post ord past V 17 (3005076 4 Ø 0030 Combo 13 mid out V 18 163025076 4 Ø 0030 Combo 13 mid out V 20 1(2065215 3 -0.2 0141 Combo 13 mid out V 21 160625 189 4 +1.0 0210 Combo 14 post I mid out V 22 164015099 2 Ø 0213 RMW 23 162815257 1 -1.5 0230 (Ginbo 14 post I mid out V 24 16325080 2 -1.5 0230 (Ginbo 14 post I mid out V 25 19222 5080 7 -1.8 0331 (Combo 14 post I mid out V 26 13205526 3 0339) 1 RMW 27 13205526 3 0339) 1 RMW 28 13222 5060 1 -0.5 355) 1 MW I moe ope 29 13235070 2 -1.8 0337) 1 RM 20 13205526 3 0339) 1 RM 20 13235070 2 -1.8 0337) 1 RM 20 13205526 3 0339) 1 RM 21 14 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	3		1	-1.13	 				
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11 162835039			4	Ø	2310			RMW/2nd pass/out wall	
11 (628-5010		163535039	-	-0.2	2321			Controlling out out	
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14 132335066 1 -1.3 5015		164625010				Anthony			
15 164625015 2 -0.2 0019 RMW/34 pics/outland V 16 (63835028 3 -0.8 0021 HRD request V 17 (63025076 4 6 0030 Conbol359 mid/out V 18 (63025082 1 -8.6 0041 Conbol359 mid/out V 19 (63535048 2 -0.2 0144 Combol455 storte V 20 (12065215 3 -0.9 0156 Combol455 mid point V 21 (60625189 4 +1.0 0210 RMW V 22 (64015099 2 6 0213 RMW V 23 (62815257 1 -1.5 0230 Gondol455 post Inid out Part of V 24 (6345524 2 +0.6 0239 4 4th post Inid out Part of V 25 (12225080 1 -1.8 0331 Cayote Sonde (R 26 (132235082 2 6 0339)) (R 27 (3205526 3 0 0342)) (R 28 (32225060 4 -1.0 0354)) (R 29 (3235060 2 -1.8 0412)) MW/1000 015 30 (32335060 2 -1.8 0412) 31 (14955050 3 +0.0 0412) 33 (32335060 2 -1.8 0412) 34		132335066		-1.3	5015	Commonweal for the			
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