N42RF ERROR SUMMARY 20181010H1 Hurricane Michael Mission 1414A

Flight ID: 20181010H1

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/20181010H1

Takeoff KLAL (0823Z)	Landing KLAL (1446Z)
ons	Yes
cept	2.31252
	6.06758
pt	0.4295
	7.17033
	ons cept

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. Since PDAlpha.1 is reference source this had no impact on any met calculations. TDM.1 (Buck dew point hyrometer) was unusable. TDM.2 (Edgetech) is reference AAMPS Data System cut off three minutes prior to landing (@ 1443z)

Expendable Type	<pre># deployed</pre>	# good	<pre># transmitted</pre>
Dropsondes	26	26	26
Test sondes	0	0	0
AXBTs	5	5	5
AXCPs	4	4	4
AXCTDs	1	1	1
UAS	0	0	0

Flight Director: Sears Phone #: (813) 765-4400

ACAT-4 Version = 7.2.2

	FLI	GHT IN	FORMA	TION			CREW MANIFEST				MISSION INFORMATION			
FLT ID:	20181010	h1	FLT #:				AC:	KIBBEY	Scientists:	Pres	sure	Dropsondes		
From:	KLAL		ETD:				CP(s):	KAHN	DE LA CRUZ	A/C Takeoff	10011	Good	Bad	Sent
To:	KLAL		ETA:				UF (5).	ABITBOL	ROGERS	AVC TAKEON	1004.1	\bigcirc	~	2.
E	Block Time	1		Flight Time			Nav(s):	RICHARDS	HAZELTON	Wx Station	29.82	x 6	0	26
In:		1543	In:	n nall		1537	1444(3).		SELLWOOD	Takeoff	262 100		BTs	
		aged TO		In: 1440 Out: 082		F	FE(s)	DARBY	MCFADDEN	A/C Land	17474	Good	Bad	Sent
Out:		742	Out:	mor	2	750	1 2(0)	LALONDE			UNK			
041.			0	080		100	FD(s):	Sears		Wx Station	N/A	5		-
Total:		Å	Total:	C	L	78	1 D (0).		Visitors:	Land		~		
			T O LOIT	6.	- 1		SEB:	RICHARDS		Storm Numbe				
	ring Org:	EMC					PAUL (ie: AL072012)							
Program	n:						SSA:	PEEK		TCPOD/WSP				
Purpose	Purpose: H. MICHAEL							(ie: NOAA2 2	418A SANDY)					
-				AVAPS: OBSERV										
AS REQUIRED BY ORM Y N				-	REMARKS Fix Number Obs Number					Fix Time	Э	SLP		
	LCANIC ASH X							4 TOTAL						
	SCIENCE MISSION WITHIN BDRY LAYER			-										
	F PRECIPI					X								
	VE HUMID			I.T.	Х	V								
	AIR-SEA T		RADIEN	11	X	Х								
	URFACE W FETCH / DL				X	Х								
	LT ACCRE					X								
	LT ACCRE				-	X								
	nal Remark		DOLIN						*Highlig	ghted items must t	e completed by	efore dens		
Cockpi		5.		Gmin:					rigini	grice items must			inture.	
e e e e e e e e e e e e e e e e e e e											ICT			
											4CE	3		
								date	antown cut	ort 14:44	1:25 BE	S		
	data system cut at 14:44:35 BTS													

SCISEC SOP #10

APPENDIX 1 – P3 QC Checklist

Flight ID:	20101010	113	Press	ure Compar					
(201810101	HI		T/O	Land				
Flight Director(s):	SEARS			DOH.1 M	MISSING				
UWZ.d mean:	-0.03 From	maircraft)04.8	N/A				
-0.02 after post processing (-0.02 Jorgensen									
		LHz Mean File Para		C File P	arameters	NAT			
x Acceleromete	er AccAXI.1 Acc	cAYI.1 AccAZI.1	AccZfilter-GPS.1	AccZref	· · · · · · · · · · · · · · · · · · ·	DAJ-			
	AccAXI.2 Acc	cAYI.2 AccAZI.2	Acc-Zfilter-GPS.2	2		NUSZ			
	AccAXI-GPS.1 Acc	cAYI-GPS.1 AccAZI-GP	S.1	1					
	AccAXI-GPS.2 Acc	cAYI-GPS.2 AccAZI-GP	S.2						
x Altitude	AltGPS.1 AltI	tl-GPS.1 AltPaADDU	U.1 AltRA.1	ALTref	AltRA1.c				
	AltGPS.2 AltI	tI-GPS.2 AltBCADDU	U.1 AltRA.2	ALTPA.d	AltRA2.c				
	AltGPS.3			ALTGA.d					
	AltGPS.4								
x Ground Speed	d GsXI-GPS.1 GsY	YI-GPS.1 GsZI-GPS.1	1	GSXref					
	GsXI-GPS.2 GsY	YI-GPS.2 GsZI-GPS.2	2	GSYref					
				GSZref					
x Lat/Lon	LatGPS.1 Lat	ti-GPS.1 LonGPS.1	Loni-GPS.1	LATref					
	LatGPS.2 Lat	ti-GPS.2 LonGPS.2	Loni-GPS.2	LONref	1				
	LatGPS.3	LonGPS.3							
	LatGPS.4	LatGPS.4							
x Pressure	PDALPHA.1 PQ	ALPHA.1 PQM.1	PSM.1	PDALPHAref	PQMref				
	PDALPHA.2 PQI	BETA.1 PQM.2	PSM.2	PDBETAref	PQ.c				
	PDBETA.1	PQM.3	PTM.1	PQALPHAref	PSMref				
	PDBETA.2	PQM.4		PQBETAref	PS.c				
x Air Speed	CasADDU.1 Tas	sADDU.1 lasADDU.1	1	IAS.d	TAS.d				
x Pitch/Roll	Pitchl.1 Pitc	chRatel.1 Rolll.1	RollRatel.1	PITCHref					
	Pitchl.2 Pitc	chRateI.2 RollI.2	RollRatel.2	ROLLref	1				
	Pitchl.3 Pitc	chRatel.3 RollI.3	RollRatel.3						
x Temp/Dewpt	TTM.1 TDM	M.1 TRadD.1		TD.c	TTMref				
	TTM.2 TDM	M.2 TRadS.1		TDMref	TA.d				
		M.3 TRadU.1							
x Miscellaneou	5			UWZ.d	WS.d				
(must check)				DPJ_WSZ	WD.d				
				HUM					
FLID_Mission	_Documents.pdf:	:							
X	Error Summary								
Х	Crew Manifest								
X									
\checkmark		og(s) – AVAPS and F	FD if completed						
\sim		9(5) - AVAI 0 and 1							
X	0	·							
	Miscellaneous FD	notes							
NOTES:	DM.1 (Bu nta system ndung @14	nck) unus	sable.	- 0	1_				
	ita system	CWI OTT	3 MINUTE	s prior	10				
19	haing (= 17	1952 (1a	inding was	,@ 1771	6Z)				

NOAA • AOC • SED N42RF AVAPS DROP LOG Lead Tech: Mike Mascaro Project: Hurricane 2018 Mission: MICHAEL Flight ID: Zo 18 1010H1 Take Off: Landing: Flt Dir: SEARS

Int

Drap #	Sonde Serial #	Rcvr #	Press Offset	Time	Operator	Charge \$\$ To	Comments	Good ?
1	132345025	1	-1,2	0923	SCP	NWS	1P1-1R	N
2	163025098	2	-0.4	0937	SCP	NWS	MP	2
3	163 025087	3.	-0.5	0946	SCP	NURCOS	RMW	/
4	161 925104	4	-1,0	0949	SCP	NULUS	CP /	1
5	163535015	1	Ø	0952	SUP	NWS	RMW	V
6	164425056	2	-0,9	1003	SUP	NWS	MP	
7	132 355 123	3	-1.5	1017	SCP	NWS	EPI-IR	V
8	162825090	4	+0.5	1052	Scp.	NWS	182	1/
9	164345187	1	Ø	1104	SCP	NWS	MP	
10	163255041	2	X	11/3	SUP	NWS	RMW	4
11	163525156	3	-2.5	1116	SCP	NULS	CP	1
12	162825100	4	ø	1119	SUP	NWS	RMW	
13	163845127	/	6	1129	SCP.	NWS	MP	//
14	163535.010	2	B	1144	SEP	NWS	EPZ	
15	163455059	3	-0	1159-	SUP	NWS	1P3	4
16	163345157	4	-0.6	1212	SLP	NEUS	MP	1
17	163 455115		Ø	1222	SUP	NUSS	RMW	1
18	164915014	2	05	1230	SCP	NWS	cP	
19	162 845 034	3	Ø	1233	SEP	NWS	RMW	V
20	162815109	4	= 0.4	1244	SCP	NWS	MP	
21	163455156	1	ø	1321	SUP	NWS	104	1
22	163455265	2	-1.0	1340	SUP	NWS	RMW	K
23	1 \$ 1840255	3	-0.9	1342	SCP	NWS	СР	/
24	182330649	4	-0.6	1345	SCP	NWS	RMW	1/
25	182011060	1	-0.6	1356	SCP	NUS	MP	V
26	182241069	2	- 0.8	1411	SCP	NUS	EP	
27			00	-				
28								
29								
30								
31								
32								
33								
34								

2018-10-10, 08:23:00-14:46:25

