N42RF ERROR SUMMARY 20180821H1 Hurricane Lane Mission 0714E

Flight ID: 20180821H1

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/20180821H1

Local	Met Data	Takeoff	PHNL	(0203Z))	Landing PHNL (0955Z)
	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.

AAMPS Data System rebooted at 03:03:33z during transit to storm. No science mission data was impacted. TDM #2 used as reference Dew Point source. PDAlpha.2 is INOP but is not the reference and had no impact on derived calculations

Expendable Type	# deployed	# good	<pre># transmitted</pre>			
Dropsondes	22	20	20			
Test sondes	0	0	0			
AXBTs	3	3	3			
AXCPs	0	0	0			
AXCTDs	0	0	0			
UAS	0	0	0			

Flight Director: Henning Phone #: (863) 500-3982

ACAT-4 Version = 7.2

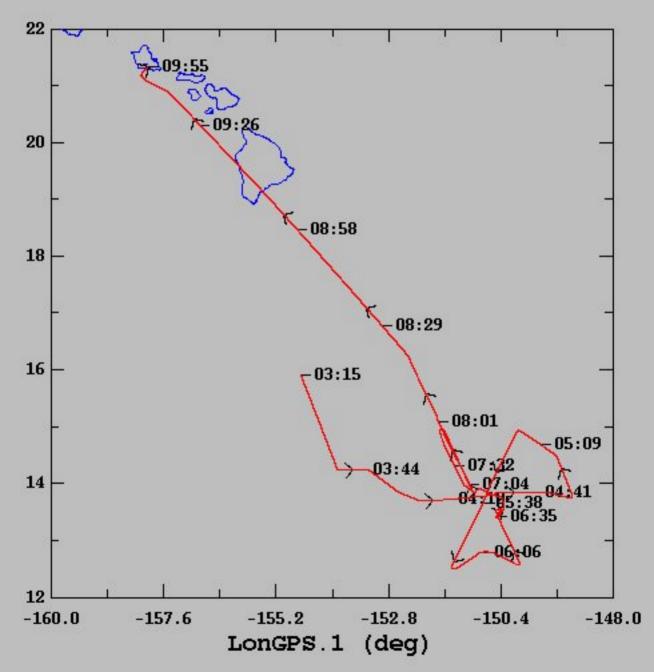
FLIGHT INFORMATION					CREV	V MANIFEST		MISSION IN	FORMATIC	ON			
	20180821H1	FLT#				AC:	Kahn	Scientists:	Pre	ssure	T	opsond	los
From:	PHNL	ETD:				CP(s):	Didier	Kathryn Sellwood			Good	Bad	Sent
To:	PHNL	ETA:				01 (3).	Abitbol	Kelly Ryan	A/C Takeoff			Dau	Sent
Block Time			Flight Time			Nav(s):	Urato	Sim Aberson	Wx Station		20	2	20
In: AGET	7 In	Mar	MART		Ivav(S).			Takeoff		BTs			
	0 13	/	075) [)	FE(s)	Sanchez				Good	Bad	Sent
Out:	815	Out	001	15	2	1 L(3)	Heystek		A/C Land		0000	Dad	Jene
	010	1	06	0_)	FD(s):	Henning		Wx Station		121	A	7
Total:	EN THA	Total		9		1 2(3).		Visitors:	Land				0
- I	000		1	9 1		SEB:	Patel	CDR Jillene Bushnell	Storm Number ID:		EP142018		
Sponsor							Greene	John Bravender CPHC	(ie: AL072012)				
Program	PH	IX				SSA:	Mascaro		TCPOD/WSPOD Mission				
Purpose: TDR mission into Hurr LANE		E					(ie: NOAA2 2418A SANDY)		NOAA2 0714E LANE		NE		
AVAPS:						OBSERVATIONS							
101.044	AS REQUI	RED BY O	RM	Y	N		RE	MARKS	F. M. J.			SLP	
OLCAN				X					#	#06	0430		55
	E MISSION W		RY LAYER		X				#2	#15	0534		SS
	PRECIPITAT			_	Х				#3	#19	0659		54
	E HUMIDITY			X					*4	# 24	0739		51
	IR-SEA TEMI		NT	_	Х						0101	6	01
	RFACE WIND			X	1								
	TCH / DURA			X				, , , , , , , , , , , , , , , , , , ,					
	T ACCRETIO			_	X								
Additiona	TACCRETIO	N OBSERV	/ED									1	

Cockpit Gmax:

Gmin:

1335 14900

*Highlighted items must be completed before departure.



NOAA • AOC • SED N42RF AVAPS DROP LOG Lead Tech: Mike Mascaro
Project: Hurricane 2018 Mission: Hurricane Land Flight ID: 201803344

14168

Troject. Humbane 2010	IVIISSION. //UV91	cane Lane	Flight ID:	201008
Take Off:	Landing:	Elt Dir :	70 /	0 0 0
	Larrang.	TIL DII .	Kich	

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operato	r Charge \$\$ To	Comments	Good
- Lawrence	164625013	. 1	-01	0404	AJP	NWS	Start Point, 1st pass	1
2	163525032	2	+0.2	0422			eyewall binogo	1.
3	162715245	3	-0-8	0430			center	
4	16962-215	4	+0.)	0432	No.	The state of the s	ayensalle	
5	162731058		-0.18		Transco Maria	1,4	Missed to note 16.0 End point	1
6	162735041	6.		0515			Start Paint 2nd pom	1
7	162735054	reoferen-	-0:3	0531		The second secon	General !	
8	163325042	8	-0.3	0531			eyewall backe p Drop 7	1
9	163455730	Ŷ.	Ø	0534		And the first firs	Center, combo	V
10,	163455236	0	-0,4	0536			exemal	1
71	163335085	3	70.5	0556		.]	End points I	V
12	162715231	4	-0.4	0617		46.4	Start Point 3rd pars	
13	163335171.	5	-0.2	7644		HED		À
14	162735059	6	-0.4	0646		HRD	Back of a rop 13.	-
45	163335070	entropy	-0.5	0657	Activities to a constitution of the constituti	NWS	eyeward	1/
- 46	164625004	8.	1802	0700	-		center combo	
17	163525154	Special Control of the Control of th	-04	0707		To a second seco	eyewall, mas speed	
18	163615123	2	-0.5	0304	À			1
19.	163615124	3	-0-2	- Parameter		the second second	except of prop 12	X
20	164625022	4.	+003	07-39		Section (Control of the Control of t	Center .	V
24	164625021	5	0	0793	and the state of t		Cyewall	1
-22	164625012	6	+0.2	0804			end point.	V
23	1 4 5 1	**	76				Ca porty	
24			7					
25								
26	14 j							
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34	7						-	