N42RF ERROR SUMMARY 20180822H1 Hurricane Lane Mission 1114E

Flight ID: 20180822H1

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/20180822H1

Local	Met Data	Takeoff	PHNL	(0154Z)	Landing PHNL (0934Z)	
	Dynamic Correction	ns			Yes	
	AttackAngleInterd		2.31252			
	AttackAngleSlope		6.06758			
	SlipAngleIntercep		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.

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	27	27	27
Test sondes	0	0	0
AXBTs	2	0	0
AXCPs	0	0	0
AXCTDs	0	0	0
UAS	0	0	0

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

ACAT-4 Version = 7.2

				NOA	A	Air	craft C	perations	Cent	ter - NOAA 42 Flig	ht Manife	st		-	
FLIGHT INFORMATION					CREW MANIFEST				MISSION INFORMATION						
FLT ID:	20180822	H1	FLT#:				AC:	Kahn Scientists:			Pres	Dropsondes			
From:	PHNL		ETD:	0200z			CP(s):	Didier		Kathryn Sellwood Lisa Bucci	A (O T-1		Good	Bad	Sent
То:	PHNL		ETA:	1000z			CF(S).	Abitbol			A/C Takeoff		27	~/	~~
E	Block Time			Flight Time			Nav(s):	Urato		Heather Holbach	Wx Station		61	8	2/
ln:	AG	27	In: 093		34		- Nav(s):			KELLY RYAN	Takeoff		BTs		
	07	5/					FE(s)	Sanchez			A/C Land		Good	Bad	Sent
Out:	11	12	Out:	MICE	i	i	1 L(3)	Heystek			A/C Land				
	01	15		015			FD(s):	Henning			Wx Station		()	2	X
Total:	7	9	Total:	7	7		10(3).			Visitors:	Land			-	
	1.	~		/ 6	/		SEB:	Patel		Tina Stall	Storm Number ID: (ie: AL072012)		EP142018		
	ring Org:	EMC						Greene		Hayley Betker					
Program: PHX Purpose: TDR mission into Hurr LANE				SSA:	Mascaro		Caleb Brown	TCPOD/WSPOD Mission		NOAAO 4444E LANE					
			33A.				(ie: NOAA2 2418A SANDY)			NE					
	Control of the Control of the Control			THE THE			AVAPS:			,	OBSERVATIONS				
AS REQUIRED BY ORM Y N				N		REMARKS			Fix Number	Obs Number	Fix Time SLP				
VOLCA	VIC ASH				X							#08	03532 927		27
SCIENC	E MISSION	WITHI	IN BDR	Y LAYER		Х					2	#20	0607	z 9	32
LACK OF PRECIPITATION X				Х					3	#30	0716		36		
RELATIVE HUMIDITY ≥ 80% X											0 1.0				
LARGE AIR-SEA TEMP GRADIENT X															
HIGH SURFACE WINDS X															
LONG FETCH / DURATION OF SFC WND X															
SEA SALT ACCRETION FORECAST X											_				
SEA SALT ACCRETION OBSERVED												+			

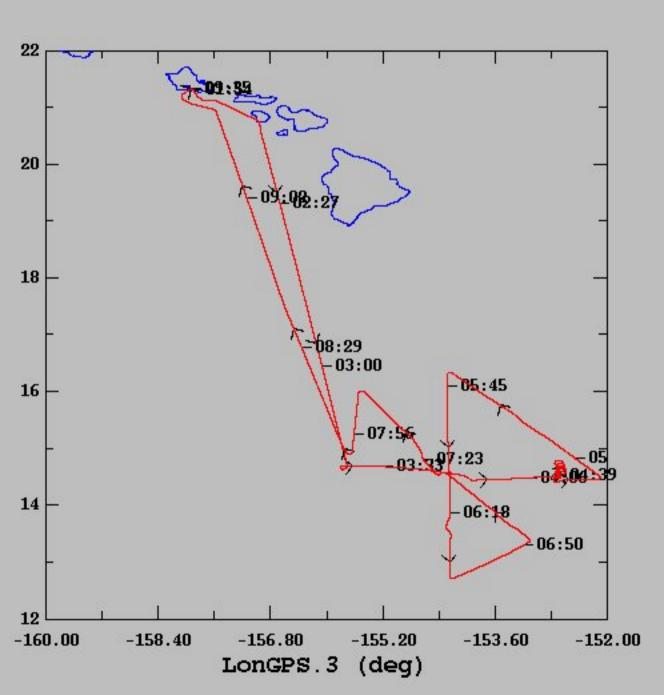
Additional Remarks:

Cockpit Gmax:

Gmin:

*Highlighted items must be completed before departure.

5378 22372 1418 N 15321 W



NOAA • AOC • SED N42RF AVAPS DROP LOG Lead Tech: Mike Mascaro oject: Hurricane 2018

Mission: Humicane lane Flight ID: 201808224 | Landing: ______Flt Dir: ______Rich. ake Off :

D						K	JCh.	
Dro #	Sonde Serial #	Rcvr #	Press Offset		Operato		e Comments	Good
1	163025092	1	d	0239	11-0	\$\$ To		
2	163255013	- 1	-0.5		AJP	HRD	Approaching to IP IP 184 pars	
3	162015111	2	0.5			NWS	IP TEPAS	1
4	162745039	3	Ø	0 339			mil Paint	
5	63025090	4	0	0357			Cyewall	1
6	163525046			0351			Rack up eyewall	
17	163525140		0.5	0353			center	
8	1635 25024	6	0.5	0355	.	- Commercial Commercia	Cycuall	
9	163025088	and -	0.6	0409	-\		mid point	
10		8		0416	Carrier Carrier	HRD	Circles Combo ATrago	Sonde
TH	162815179		0.3	0504	and the same of th	MUS	end point 1	t good
12	163255055		0-1	0541		Victoria	Start point and pours	1
43	163525035	3	0	0555			midpoint	
14	163525178	4.	-0.2	0606		Wasagaar 410	cyewall	V
15	163455179	5	0.7	0607		Partition of the last of the l	center'	
76	163525641).3 (0609	The control of the co	A Control of the cont	eyewall	2
17	163455178	7	0.20	609			Division and	Reduced to
18	163025089	8 -	Λ -	522	SCI COLOR DE LA CO			Emerica
19	163525044	i i		0634		PASSETT STATE OF THE PASSET STATE STATE OF THE PASSET STATE OF THE PASSET STATE STATE OF THE PASSET STATE STATE OF THE PASSET STATE		and the same of th
20	163455211	2	0 0	0651	E November 19	3	end point I	
21	163455245	3 (-	1906		la lad	chost point stapans	/
The state of the s	163535007	4 1	0	214		Office of the second	mid point	/
22	16302,5035			717		Seat The Control of t	erewall	
23		1		3-19		f I		1
24	163025097		A.	719			eyewall 6	1
25		-	P. I			+	eigeward / L	
26	162745122		B Stab	33		į l	mid point	
27	163625017 1		1	45			ad point 1	
28			.1 08	50	H	RD	V	/
29								
30								
31								
32								
33							,	
34	1							