

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 Corrections		Yes
AttackAngleIntercept		2.31252
AttackAngleSlope		6.06758
SlipAngleIntercept		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 -----	# transmitted -----
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

## NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20180822H1	FLT #:		AC:	Kahn	Scientists:	Pressure		Dropsondes		
From:	PHNL	ETD:	0200z	CP(s):	Didier	Kathryn Sellwood	A/C Takeoff		Good	Bad	Sent
To:	PHNL	ETA:	1000z		Abitbol		Lisa Bucci				
Block Time		Flight Time		Nav(s):	Urato	Heather Holbach	Wx Station Takeoff		27	Ø	27
In:	0937	In:	0934			KELLY RYAN			BTs		
Out:	0143	Out:	0154	FE(s):	Sanchez		A/C Land		Good	Bad	Sent
					Heystek						
Total:	7.9	Total:	7.7	FD(s):	Henning	Visitors:	Wx Station Land		0	2	Ø
Sponsoring Org:	EMC	SEB:	Patel	Tina Stall	Storm Number ID:		EP142018				
Program:	PHX		Greene	Hayley Betker	(ie: AL072012)						
Purpose:	TDR mission into Hurr LANE	SSA:	Mascaro	Caleb Brown	TCPOD/WSPOD Mission		NOAA2 1114E LANE				
		AVAPS:			(ie: NOAA2 2418A SANDY)						
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH				X			1	#08	0353z	927	
SCIENCE MISSION WITHIN BDRY LAYER					X		2	#20	0607z	932	
LACK OF PRECIPITATION					X		3	#30	0716z	936	
RELATIVE HUMIDITY ≥ 80%				X							
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.

S210  
 2237z  
 1418 N  
 15321W

2018-08-22, 01:54:44-09:35:33





