## N42RF ERROR SUMMARY 20180817H1

#### Flight ID: 20180817H1

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/20180817H1

Local	Met Data	Takeoff	KLAL	(1447Z	) Lai	nding	KLGB	(2041Z)
	Dynamic Correction	ons				Υe	es	
	AttackAngleInterd	cept				2	.31252	
	AttackAngleSlope					6	.06758	
	SlipAngleInterce	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.

Repo to KLGB in support of Hurricane Lane (CPHC).

PDAlpha.2 INOP. No impacts to real-time or post processed data. PDAlpha.1 was used as the source in both instances.

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

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

ACAT-4 Version = 7.1

				NOA	A	۹ir	craft O	perations Ce	enter - NOAA 42 Fli	ght Manifes	st							
	FLIC	HT IN	FORMA	ATION				CREW N	IANIFEST		MISSION INF	ORMATIC	ON	aar s				
FLT ID:	20180817H	11	FLT#:				AC:	Kibbey	Scientists:	Pres	sure	Dropsondes						
From:	KLAL		ETD:	1500Z			Mitchell			A/C Takeoff		Good	Bad	Sent				
To:	KLBG	ETA: 2100Z			CP(s):		Rossi	Carrion	A/C Takeon				-					
E	Block Time			Flight Time			Nav(s):	Richards (B)	Kragelka	Wx Station								
ln:	0.1/7		In:	2 2 2 1			Nav(s).	Sloan	Abitbol	Takeoff		NO. IN CO.	BTs					
111.	1: 2047 In:		In: 204/				FE(s)	Darby	Didier	A/C Land		Good	Bad	Sent				
Out:	147	7	Out:	1447	,		1 L(3)	Lalonde	Sanchez	A/C Land								
Out.	1437		J/ Out:		<i>f</i> /		FD(s):	Holmes	Richards (T)	Wx Station		alana de la companya	ALCOHOL STATE OF THE STATE OF T					
Total:	6.2	/ 2		/ 2		Total		tal: 5.9			1 D(3).		Visitors:	Land				
Total. 6, 2 Total. 3, 1					SEB:	Greene	Peek	Storm Number	er ID:									
Sponsoring Org: EMC					OLD.			(ie: AL072012	2)									
Program: PRX					SSA:	Mascaro		TCPOD/WSPOD Mission										
Purpose				enroute to Ph	HNL		OOA.			(ie: NOAA2 2418A SANDY) NOAA2 WXWXA TRAIN				TRAIN				
(TS LANE)						AVAPS:	Patel		OBSERVATIONS									
AS REQUIRED BY ORM Y				Y	N	REMARKS Fix Number Obs Number Fix Time					SLP							
VOLCA	NIC ASH					Х							×					
SCIENC	CE MISSION	WITH	IN BDR	RY LAYER		Х												
LACK OF PRECIPITATION			X															
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				Х						i i								
SEA SALT ACCRETION OBSERVED .						X												

Additional Remarks:

Cockpit Gmax:

Gmin:

\*Highlighted items must be completed before departure.

### APPENDIX 1 - P3 QC Checklist

Flight ID:	2018081741
Flight Director(s):	Holmes

Pressure Comparison
T/O Land
Aircraft
/0/7
Tower

UWZ.d mean: \_0.07m/s

/	F	Raw 1Hz Mea	C File Parameters			
Accelerometer	VAccAXI.1	VACCAYI.1	AccAZI.1	AccZfilter-GPS.1	AccZref	İ
	AccAXI.2	AccAYI.2	AccAZI.2	Acc-Zfilter-GPS.2		-
	AccAXI-GPS.1	AccAYI-GPS.1	AccAZI-GPS.1			
/	AccAXI-GPS.2	AccAYI-GPS.2	AccAZI-GPS.2	•		
Altitude	AltGPS.1	Alti-GPS.1	AltPaADDU.1	AltRA.1	ALTref	AltRA1.c
	AltGPS.2	Alti-GPS.2	-AltBCADDU.1	AltRA.2	ALTPA.d	AltRA2.c
	AltGPS.3				VALTGA.d	
	AltGPS.4	1				•
√Ground Speed	GsXI-GPS.1	GsYI-GPS.1	GsZI-GPS.1		GSXref	
<u> </u>	GsXI-GPS.2	GsYI-GPS.2	GsZI-GPS.2		GSYref	
				•	GSZref	
√Lat/Lon	LatGPS.1	Lati-GPS.1	LonGPS.1	Loni-GPS.1	LATref	
<b>-</b>	LatGPS.2	Lati-GPS.2	LonGPS.2	Loni-GPS.2	LONref	
	LatGPS.3		LonGPS.3			•
	LatGPS.4	1	LatGPS.4			
Pressure	PDALPHA.1	PQALPHA.1	PQM.1	PSM.1	PDALPHAref	PQMref
_	PDALPHA.2	PQBETA.1	PQM.2	PSM-2	v∕PDBETAref	PQ.c
	PDBETA.1		PQM.3	PTM.1	PQALPHAref	₽ŞMref
	PDBETA.2	1	4PQM.4		₽QBETAref	PS.c
Air Speed	CasADDU.1	TasADDU.1	VlasADDU.1		YAS.d	4TAS.d
Pitch/Roll	Pitchl.1	PitchRatel.1	RollI.1	RollRatel.1	PITCHref	
_	PitchI.2	PitchRateI.2	Rolli.2	RollRatel.2	ROLLref	
	Pitcht.3	PitchRatel.3	Rolli.3	RollRatel.3		,
Temp/Dewpt	TTM.1	TDM:1	TRadD.1		Tp.c	TTMref
	TTM.2	TDM.2	TRadS.1		TDMref	TA.d
/	TTM.3	TDM.3	TRadU.1			
Miscellaneous		1.1	Land	And the second s	UWZ.d	Ws.d
(must check)					УБРЈ_WSZ	₩D.d
(					Иним	1

FLID\_Mission\_Documents.pdf:

٠	/'' <u>-</u>	_bocuments.pur.	
	V	Error Summary .	
ĺ	/	Crew Manifest	
	~	QC checklist	
	X	Dropwindsonde Log(s) – AVAPS and FD if completed	
	V	Flight Track	
ĺ	V	Miscellaneous FD notes	

NOTES:

PDAlpha. Z ImoP ....

# 20180817H1 Flight Track 2018-08-17, 14:37:17-20:41:49

