FLIGHT INFORMATION				CREW MANIFEST				MISSION INFORMATION									
FLT ID:	20180925	5H1	FLT #:				AC:	PRICE Scientists:		ists:	Pressure		Dropsondes				
From:	KLAL		ETD:				CD(a):	KAHN	ZAWISLAK		A/C Takeoff		Good	Bad	Sent		
To:	MRLB		ETA:				CP(s):	ROSSI	ROGERS		A/C Takeon						
E	Block Time	e		Flight Time			Nav(s):	RICHARDS	ZHANG		Wx Station						
Inc		2027	la.		0	022	Nav(s):		CHANG		Takeoff		-	BTs			
In:		2027	In:		Z	023		SANCHEZ	JELENAK				Good	Bad	Sen		
0.1		1014	0.1				FE(s)	LALONDE	SAPP		A/C Land						
Out:		1614	Out:		1	623		Sears		-	Wx Station						
Tatal		4.0	Tatal						FD(s):		Visito	ors:	Land				
Total:		4.2	Total:	ž.		4	SEB:	MASCARO	CARRION		Storm Numbe	r ID:					
Sponsoring Org: HRD				SED:	GREENE	SANSSOUCI		(ie: AL072012	2)								
Program:				SSA:	MCALISTER			TCPOD/WSP	OD Mission								
Durnas					55A:				(ie: NOAA2 24	418A SANDY)							
Purpose: REPO KLAL-MRLB				AVAPS:			OBSERVATIONS										
AS REQUIRED BY ORM		Y	N	REMARKS			Fix Number	Obs Number	Fix Time		SLP						
VOLCA	NIC ASH					Х											
SCIEN	CE MISSIC	ON WITH	IN BDR	Y LAYER		Х											
LACK	OF PRECIP	PITATIO	N			X											
RELAT	IVE HUMI	DITY ≥ 8	0%			X											
LARGE AIR-SEA TEMP GRADIENT		X															
HIGH SURFACE WINDS X																	
LONG FETCH / DURATION OF SFC WND X																	
SEA SALT ACCRETION FORECAST X																	
SEA SA	ALT ACCR	ETION C	BSER	/ED													
Additio	nal Remar	ks:								*Highlighte	ed items must t	be completed be	efore depa	rture.			

N42RF ERROR SUMMARY 20180925H1

Flight ID: 20180925H1

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/20180925H1

Met Data	Takeoff KLAL	(1623Z)	Landing MRLB (2024Z)	
Dynamic Correctio	ons		Yes	
AttackAngleInter		2.31252		
AttackAngleSlope		6.06758		
SlipAngleInterce		0.4295		
SlipAngleSlope			7.17033	
	AttackAngleInterce AttackAngleSlope SlipAngleInterce	Dynamic Corrections AttackAngleIntercept AttackAngleSlope SlipAngleIntercept	Dynamic Corrections AttackAngleIntercept AttackAngleSlope SlipAngleIntercept	

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.

Note: QC accomplished by Mike Holmes (mike.holmes@noaa.gov).

PDAlpha.2 INOP and PQM.1 failed half way through transit to MRLB. Neither of these instrument failures affected the real-time collection or the post processed data as neither were seleceted as the source instrument.

Expendable Type	<pre># deployed</pre>	# 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: Sears

APPENDIX 1 – P3 QC Checklist

Flight ID:	208092541
Flight Director(s):	Stors
	/

Pressure Comparison					
T/O Land					
Aircraft	1.014	5			
Tower	1014				

UWZ.d mean: ODOm/S

/	Raw 1Hz Mean File Parameters				C File Parameters			
Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1	L AccZfilter-GPS.1	AccZref			
,	AccAX1.2	AccAYI.2	AccAZI.2	Acc-Zfilter-GPS.2				
	AccAXI-GPS.1	AecAYI-GPS.1	AccAZI-GPS.1					
	AccAXI-GPS.2	AccAYI-GPS.2	AccAZI-GPS.2					
VAltitude	AltGPS.1	AltI-GPS.1	AltPaADDU.1	AltRA.1	ALTref (AltRA1.c			
	Aitgps.2	AltI-GPS.2	AltBCADDU.1	AltRA.2	ALTPA.d AltRA2.c			
	4 AjtGPS.3				ALTGA.d			
1 .	AltGPS.4							
Ground Speed	GsXI-GPS.1	CGsYI-GPS.1	GsZI-GPS.1	_	4 GSXref			
	GsXI-GPS.2	GsYI-GPS.2	GsZI-GPS.2		GSYref .			
				-	GŚZref			
Lat/Lon	LatGPS.1	ULati-GPS.1	LonGPS.1	Loni-GPS.1	LATref			
	LatGPS.2	4Lati-GPS.2	LonGPS.2	Loni-GPS.2	LONref			
	LatGPS.3		LonGPS.3					
/	LatGPS.4		LatGPS.4					
Pressure	PDALPHA.1	POALPHA.1	POMA	PSM.1	UPDALPHAref UPQMref			
4	PDALPHA.2	POBETA.1	FOMZ	PSM.2)	PDBETAref CPQ.c			
	PDBETA.1		POM.3		POALPHAref PSMref			
/	PDBETA.2		POM.4	, ·	POBETAref 4PS.c			
-Air Speed	CasADDU.1	TasADDU.1	TasADDU.1		HAS.d LTAS.d			
-Pitch/Roll	Pitchl.1	PitchRatel.1	ARoll1.1	(RollRatel.1	PITCHref			
	Pitch1.2	PitchRatel.2	Rolli.2	wr /	4 ROLLref			
1/ .	Pitchl.3	PitchRate1.3	Roll1.3	RollRatel.3				
Temp/Dewpt	TTM.1	4TDM.1 C	TRadD.1		TTMref			
C	TTM.2	TDM.2	TRadS.1		IDMref (IA.d			
1	TTM.3	TDM.3	TRadU.1		· · · · · · · · · · · · · · · · · · ·			
Miscellaneous				4	UWZ.d WS.d			
(must check)					DPJ_WSZ WD.d			
1				L	ним			

FLID_Mission_Documents.pdf:

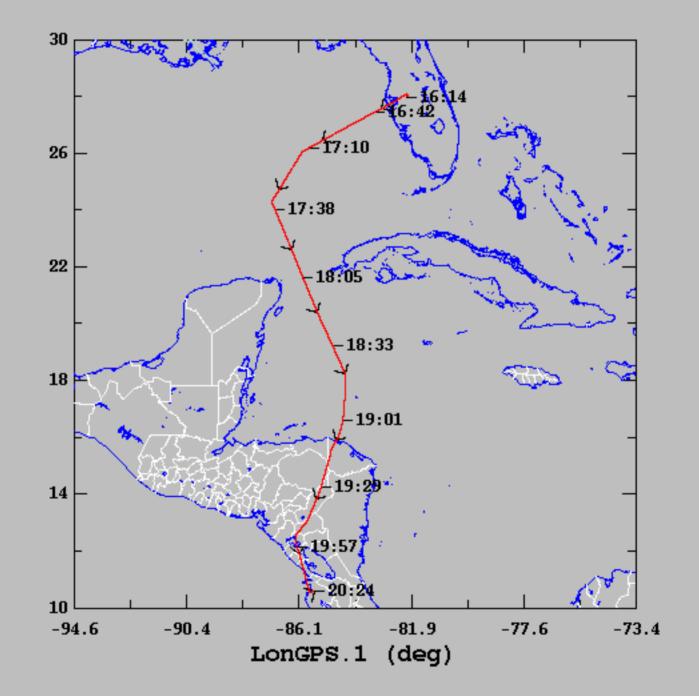
T'	Error Summary
N	Crew Manifest
L	/QC checklist
L	Dropwindsonde Log(s) – AVAPS and FD if completed
N	Flight Track
4	Miscellaneous FD notes

NOTES:

PDAlthan & Inot. PDM. 1 faild during sele the last half of insess. 4

20180925H1 Flight Track

2018-09-25, 16:14:39-20:24:57



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tGP:
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LatGPS.1	(deg),	1	s/sec
LonGPS.1	(deq),	1	s/sec

mean	sigma	min	max
20.08	5.74	10.53	28.08
-85.14	1.28	-87.13	-81.98