				NOA	A	Air	craft O	perations Ce	nter - NOAA 49 F	light Manifes	st	-		
1	FLI	GHT IN	FORMA	TION	14	- T		CREW MA	ANIFEST		MISSION INF	ORMATIC	ON	
FLT ID: 20180925H1 FLT # :				AC:	PRICE	Scientists:	Pres	Pressure		Dropsondes				
From:	KLAL		ETD:				- CP(s): $-$	KAHN	ZAWISLAK	1/0 =		Good	Bad	Sent
To:	MRLB		ETA:					ROSSI	ROGERS	A/C Takeoff				
E	Block Time			Flight Time			Nav(s):	RICHARDS	ZHANG	Wx Station				
ln:	ln: 2027		7		2023				CHANG	Takeoff			BTs	
111.	In: 2027		In:		2	023	FF(-)	SANCHEZ	JELENAK			Good	Bad	Sent
Out:		1614	14 Out:	40		623	FE(s)	LALONDE	SAPP	A/C Land				
Out.		1014	Out.		1	023	ED(a):	Sears		Wx Station				
Total:		4.2	Total:			4	FD(s):		Visitors:	Land				
Total.		4.2 Total:				SEB:	MASCARO CARRION Storm Number ID:		er ID:					
Sponso	ring Org:	HRD					SEB.	GREENE	SANSSOUCI	(ie: AL072012)				
Program:				SSA:	MCALISTER		TCPOD/WSP	TCPOD/WSPOD Mission						
Purpose: REPO KLAL-		KI AI -M	/RIB			55A.			(ie: NOAA2 2	418A SANDY)				
Tulpose. KEI O KEAL-N		II (LB			AVAPS: OBSERV			ATIONS						
AS REQUIRED BY ORM		Y	N		REMA	RKS	Fix Number	Fix Number Obs Number Fix Time SLP		SLP				
VOLCANIC ASH			Х											
SCIENCE MISSION WITHIN BDRY LAYER		X												
LACK OF PRECIPITATION		Х												
RELATI	VE HUMIDI	TY ≥ 80)%			Х								
LARGE AIR-SEA TEMP GRADIENT			Х											
HIGH S	URFACE W	INDS				Х								
LONG FETCH / DURATION OF SFC WND			Х											
SEA SA	LT ACCRE	TION F	ORECA	ST		Х								7
SEA SA	LT ACCRE	TION O	BSERV	ED									_	
Addition	nal Remarks	3:							*Hiahlia	ghted items must b	ll ne completed be	efore dena	ture	
Cockpit	Gmax:			Gmin:					9	J a Romo made b	o completed be	nore depa	ture.	

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

Local	Met Data	Takeoff KLAL	(1623Z)	Landing MRLB (2024Z)
	Dynamic Correction	ns		Yes
	AttackAngleInterd	ept		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.

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 selected as the source instrument.

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: Sears

APPENDIX 1 - P3 QC Checklist

Flight ID:	208092541
Flight Director(s):	Stors

Pressure Comparison
T/O Land
Aircraft
1014
Tower

UWZ.d mean: ODOm/S

		Raw 1Hz Mea	an File Param	ieters	C File	Parameters
4Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1	L AccZfilter-GPS.1	AccZref	
,	AccAXI.2	AccAYI.2	AccAZI.2	Acc-Zfilter-GPS.2	·	_
	AccAXI-GPS.	1 AecAYI-GPS.1	AccAZI-GPS.1		1	
	AccAXI-GPS	2 AccAYI-GPS.2	AccAZI-GPS.2			
Altitude	✓AltGPS.1	Alti-GPS.1	4 AltPa ADDU.1	AltRA.1	AkTref	(AltRA1.c
	AltGPS.2	Alti-GPS.2	AltBCADDU.1	AltRA.2	(ALTPA.d	AltRA2.c
	AltGPS.3				ALTGA.d	
	AltGPS.4					I
4 Ground Speed	GsXI-GPS.1	4-GsYI-GPS.1	GsZI-GPS.1		∉ GSXref	
·	GsXI-GPS.2	GsYI-GPS.2	GsZI-GPS.2		GSYref.	1
					GSZref	
Lat/Lon	LatGPS.1	Lati-GPS.1	LonGPS.1	Loni-GPS.1	LÁTref	
	LatGPS.2	Lati-GPS.2	LonGPS.2	Łóni-GPS.2	LONref	1
	LatGPS.3		LonGPS.3			1
	LatGPS.4		LatGPS.4			
Pressure	PDALPHA.1	(POALPHA.1	FOM.	PSM.1	PDALPHAref	PQMref
d	PDALPHA,2	LPQBETA.1	FOM.Z	4PSM.2)	PDBETAref	C-PQ.c
<u> </u>	PDBETA:1		LPQM.3	PTM.1	POALPHAref	PSMref
	PDBETA.2		POM.4	<i>i</i> •	PQBETAref	PS.c
Air Speed	CasADDU.1	TasADDU.1	TasADDU.1		HAS.d	LTA'S.d
Pitch/Roll (Pitchl.1	PitchRateI.1	Rolli.1	(RollRatel.1	PITCHref	
5	Pitch1.2	PiţchRatel.2	Rolli.2	RollRate1.2	ROLLref	İ
/ '	Pitchl.3	PitchRate1.3	Roll1.3	RollRatel.3		
Temp/Dewpt 🛭 🖊	7TM.1)	LIDM.1	TRadD.1		JD.c	TTMref
	TIM.2	TDM.2	TRadS.1	Γ.	IDMref	(TA.d
j	TTM.3	TDM.3	TRadU.1			5
Miscellaneous				6	ŪWZ.d €	Ws.d
(must check)			-	5	ĎPJ_WSZ	WD.d
/					HUM	

FLID_Mission_Documents.pdf:

	Error Summary
1	Crew Manifest
	QC checklist
	Dropwindsonde Log(s) – AVAPS and FD if completed
ı	Flight Track
L	Miscellaneous FD notes

NOTES:

PDAlthan & Inot. PDM. I faild during sele the last half of imsson.

20180925H1 Flight Track

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

