				NOA	Α	Air	craft O	perations Ce	nter - NOAA 49 FI	ight Manifes	st			
	FLI	GHT IN	FORMA	TION				CREW M	ANIFEST		MISSION INF	ORMATIC	N	
FLT ID:	20180926	H1	FLT#:				AC:	PRICE	Scientists:	Pres	sure	Di	opsonde	es
From:	MRLB		ETD:				OD(-)-	KAHN	ZAWISLAK	A/C Takeoff	2	Good	Bad	Sent
To:	MRLB		ETA:				CP(s):	ROSSI	ROGERS	A/C Takeon		W /	$\overline{}$, . /
E	Block Time			Flight Time			NI=(=)	RICHARDS	ZHANG	Wx Station		16	2	14
	-	0045	1		0	040	Nav(s):		CHANG	Takeoff	,	BTs		-3
In: 2		2045	In:		2	042	FF(-)	SANCHEZ	JELENAK	A/C Land		Good	Good Bad Sent	
		4540	0.1		_		FE(s)		SAPP	A/C Land	2			
Out:	Out: 1549		549 Out:		1557			Sears		Wx Station				
T ()		4.0	T-4-1.			4.0	FD(s):		Visitors:	Land				
Total:		4.9	Total:			4.8	SEB:	MASCARO		Storm Number	er ID:			
Sponso	ring Org:	HRD					SEB.	GREENE		(ie: AL072012	2)			
Program:			SSA: MCALISTER TCPOD/WSPOD Miss		OD Mission									
Purpose: EP96 GENESIS		10			55A.	(ie: NOAA2 2418		418A SANDY)						
Purpose	e:	EP96	GENES	15			AVAPS:			1	OBSERV	ATIONS		
AS REQUIRED BY ORM Y N		N		REMARKS Fix Number Obs Number Fix Time			9	SLP						
VOLCANIC ASH X			X											
SCIENCE MISSION WITHIN BDRY LAYER X			-			*								
LACK	OF PRECIP	ITATIO	N			X						*		
RELAT	IVE HUMID	ITY≥8	0%			X								
LARGE	AIR-SEA	EMP G	RADIE	NT		Х								
HIGH SURFACE WINDS			X											
LONG FETCH / DURATION OF SFC WND X														
SEA SALT ACCRETION FORECAST X			X											
SEA SA	ALT ACCRE	ETION (OBSER'	VED										
Additio	nal Remark	s:							*Highli	ghted items must	be completed be	efore depa	arture.	
Cockp	it Gmax:			Gmin:										

N42RF ERROR SUMMARY 20180926H1

Flight ID: 20180926H1

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/20180926H1

Local	Met Data	Takeoff MRLB (155	7Z) Landing MRLB (2042Z)
	Dynamic Correction	ons	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 PSM.1 was unrepresentavive throughout flight. 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	16	14	14		
Test sondes	0	0	0		
AXBTs	3	3	3		
AXCPs	0	0	0		
AXCTDs	0	0	0		
UAS	0	0	0		

Flight Director: Sears

Phone #:

ACAT-4 Version = 7.2.2

APPENDIX 1 - P3 QC Checklist

Flight ID:	20180926ff1
Flight Director(s):	Siars

Pressure Comparison T/O Land Aircraft 1002 Tower 1003

	F	Raw 1Hz Mea	C File Parameters			
Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1	AccZfilter-GPS.1	AccZref	
,	AccAXI.2	AccAYI.2	AccAZI.2	Acc-Zfilter-GPS.2		
	AccAXI-GPS.1	AccAYI-GPS.1	AccAZI-GPS.1		1	
	AccAXI-GPS.2	AccAYI-GPS.2	AccAZI-GPS.2		l	
Altitude	AltGPS.1	Alti-GPS.1	AltPaADDU.1	AltRA.1	ALTref	AltRA1.c
	AltGPS.2	Alti-GPS.2	AltBCADDU.1	AltRA.2	ALTPA.d	IAHTRA2.c
	AltGPS.3				ALTGA.d	
	AltGPS.4					
Ground Speed	4GsXI-GPS.1	GsYI-GPS.1	GsZI-GPS.1		4øSXref	
	GsXI-GPS.2	GsYI-GPS.2	- GsZI-GPS.2		GSYref .	
,					GSZref	
Lat/Lon	LatGPS.1	Laţi-GPS.1	LonGPS.1	4 Coni-GPS.1	CATref	
	~LatGPS.2	Lati-GPS.2	LonGPS.2	Loni-GPS.2	4ŁÓNref	
	LatGPS.3		4LonGPS.3			
/	LatGPS.4		LatGPS.4	20		,
Pressure	PDALPHA,1	PQALPHA.1	POM1	PSM.1	UPDALPHAref	4PQMref
-	PDALPHA.2	PQBETA.1	POM.2	PSM.2)	PDBETAref	4PQ.c
	PDBETA.1		ФОМ.3	PTM.1	4PQALPHAref	PSMref
	PDBETA.2		PQM.4		PQBETAref	4PS,c
Air Speed '	ÇasADDU.1	4TasADDU.1	lasADDU.1		YAS.d	47AS.d
Pitch/Roll	Pitchl.1	PitchRateI.1	Rolli.1	RollRatel.1	PIŢCHref	
	Pitch1.2	PitchRatel.2	R6111.2	RollRatel.2	PROLLref	
	Pitchl.3	PitchRate1.3	Roll1.3	RollRatel.3		
Temp/Dewpt	TTM.1	TDM.1	TRadD.1		TD.c	41TMref
	TTM.2	TDM.2	TRadS.1		76Mref	JA.d
	TTM.3	TDM.3	TRadU.1		,	12
Miscellaneous				l	UWZ.d	L-WS.d
(must check)			-			₩Ď.d
,				L	HUM	

FLID_Mission_Documents.pdf:

	- ^ ^ <u>_</u>	
	0	Error Summary
		Crew Manifest
1	V	QC checklist
Ī	V	Dropwindsonde Log(s) – AVAPS and FD if completed
	V	ह्रीight Track
	7	Miscellaneous FD notes
_		

NOTES: PSMI Faild Enot. PD Altha, 2 Inop

Lead Tech: Mike Mascaro NOAA • AOC • SED N42RF AVAPS DROP LOG Project: Hurricane 2018 Mission: Costa Rica Genesis Flight ID: 20180926 HI Landing: ______Flt Dir: Sears

Good Comments Press Launch Operator Charge Rcvr Drop Sonde Serial ? \$\$ To Offset | Time # RD94 Mac Pt -0.3 164345125 HRO Combo/Fost Fall At2 Ff -0.2 1637 164345186 Backup to Combo P12 -1.2 1638 163615053 Combo Pt3 0.4 1651 163435 124 RO94 Pt 4 1657 5 163615057 2094 A5 6 69545011 PAG Fast Fall 1734 7 122225079 Pt 6 backup 1754 8 163025002 1809 CR PT7 2222 5867 3 9 IR/DT Combo PAY 1824 10 22235127 IR # PH -1.01841 11 122225068 IR AID 2223 508 -0.8 1857 12 IR PY 11 13 122225072 -14/1913 0.4 1930 P+12 RD94 14 163845017 RD94 Pt13 164015152 1948 15 -0.5 ROPY 2 16 164545053 -0-1 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

20180926H1 Flight Track

2018-09-26, 15:50:09-20:44:31

