				NOA	A	Air	craft O	perations Ce	nter - NOAA 42 FI	ight Manifes	st					
	FL	IGHT I	NFORMA	TION				CREW MA	ANIFEST		MISSION IN	FORMATI	ON			
FLT ID:	20170919)H1	FLT#:	Programme and the control of the con			AC:	Kahn	Scientists:	Pres	Dropsondes					
From:	KLAL		ETD:	2100Z				Doremus				Good	Bad	Sent		
To:	KLAL		ETA:	0200Z			CP(s):	Rossi		A/C Takeoff						
Block Time		s de la c	Flight Time				Freeman		Wx Station							
In:	0.113				_		Nav(s):			Takeoff		BTs				
In:	2113		10:	In: 0107		107		Heystek	And an internal contract of the second of th	A/C Land		Good	Bad	Sent		
0		_	O.4				FE(s)	Sanchez		A/C Land						
Out:	2/28		Out:	2137	2137		2137		ED(a):	Holmes		Wx Station				<u> </u>
Total	3.4	7	Totali	3.5			FD(s):		Visitors:	Land						
Total: 5 75 Total: 5,5				SEB:	McAlister		Storm Number ID:									
Sponsoring Org: AOC				SED.			(ie: AL072012	2)	NA							
Program: PSM							CCA:	Mascaro		TCPOD/WSPOD Mission						
Durnes		SEM	IP Cal	R Cal			SSA:			(ie: NOAA2 2418A SANDY)		NOAA2 WXWXA TRAIN				
Purpos	6. ,	SFIVI	ik Cai				AVAPS:				EVATIONS					
	AS RE	QUIRE	ED BY OF	RM	Υ	N	GOOD TO SEE	REMA	ARKS	Fix Number	Obs Number	Fix Time	е	SLP		
VOLCA	NIC ASH					Х										
SCIEN	CE MISSIC	TIW NO	HIN BDR	Y LAYER	X											
LACK (OF PRECI	PITATIO	ON	1 The state of the	X											
RELAT	IVE HUMI	> YTIC	80%			Х										
LARGE AIR-SEA TEMP GRADIENT X				X												
HIGH SURFACE WINDS X																
LONG FETCH / DURATION OF SFC WND X				X												
SEA SALT ACCRETION FORECAST X				Х												
SEA S	ALT ACCR	ETION	OBSER	√ED		X										
Additio	nal Remai	ks:							*Highli	ghted items must l	be completed b	efore depa	arture.			

Cockpit Gmax:	Gmin:					
Additional Remarks:			*Highlighted items m	nust be completed be	fore departure.	
SEA SALT ACCRETION OF	BSERVED					
SEA SALT ACCRETION FO	DRECAST	X				
LONG FETCH / DURATION	OF SFC WND	X				
HIGH SURFACE WINDS		X				

APPENDIX 1 – P3 QC Checklist

Flight ID:	2017091941
Flight Director(s):	Holmes

Pre	Pressure Comparison							
	T/O	Land						
Aircraft	1009	1008						
Tower	1008	1008						

UWZ.d mean: 0.15

,	Raw 1Hz Mean File Parameters							Ç File Parameters			
Accelerometer	Γ	AccAXI.1	Γ	AccAYI.1	Τ	AccAZI.1	6	AccZfilter-GPS.1		AccZref	
		AccAXI.2		AccAYI.2		AccAZI.2	•	Acc-Zfilter-GPS.2	Г		
		AccAXI-GPS.1		AccAYI-GPS.1	Ι	AccAZI-GPS.1	Г				
	Γ	AccAXI-GPS.2		AccAYI-GPS.2	T	AccAZI-GPS.2			L		
Altitude	Γ	AltGPS.1	100	Alti-GPS.1	Ī	AltPa ADDU.1	Γ	AltRA.1		ALTref	4AltRA1.c
	1	AltGPS 2	¥	AltI-GPS.2	1	AltBCADDU.1	-	AltRA.2		ALTPA.d	ÁltRA2.c
	v	AltGPS.3	Γ						-	ALTGA.d	
(1	AltGPS.4									
Ground Speed	Γ	GsXI-GPS.1		GsYI-GPS.1	Τ	GsZI-GPS.1	Γ		Γ	GSXref	
		GsXI-GPS.2		GsYI-GPS.2	T	GsZI-GPS.2			6	G SYref	
	Г				_		•		Γ,	GSZref	
YLat/Lon	Γ	LatGPS.1	П	Lati-GPS.1	Π	LonGPS.1	Γ	Loni-GPS.1	Γ	LATref	
	Г	LatGPS.2	П	Lati-GPS.2	T	LonGPS.2		Loni-GPS.2	1	ŁONref	
	Г	LatGPS.3	Γ		T	LonGPS.3	Г		Γ		
	Г	LatGPS.4			r	LatGPS.4					
Pressure	V	PDALPHA.1	ч	PQALPHA.1	V	PQM.1		PSM.1	٦	PDALPHAref	PQMref
	\setminus	PDALPHA.2	ì	PQBETA.1	-	PQM.2		₱SM.2	Ī	PDBETAref	₽PQ.c
	c	PDBETA.1			J	Ρ́QM.3		PTM.1	П	₽ OALPHAref	PSMref
<i>f</i>	,	PDBETA.2			L	PQM.4				POBETAref	PS.c
'Air Speed		CasADDU.1	П	TasADDU.1	Γ	lasADDU.1	Г		П	IAS.d	TAS.d
Pitch/Roll	П	Pitchl.1	П	PitchRatel.1		RollI.1		RollRatel.1	П	PITCHref	
	П	Pitchl.2		PitchRatel.2		Roll1.2		RollRatel.2	П	ROLLref	
1.	П	Pitchl.3		PitchRatel.3		Roll1.3	П	RollRatel.3	Γ		
Temp/Dewpt	Ī	TTM.1	ě	TDM.1	0	TRadD.1	Γ		8,	TD.c	TTMref
	6	TTM.2	-	TDM.2	1	TRadS.1			6,	TDMref	TA.d
ř.	7	TTM:3	eyene Çel	TDM.3	`	TRadU.1			Γ		
Miscellaneous	Г	is the number of control of the cont			-				V.	⁄ÚWZ.d	WS.d
(must check)									_	ĎpJ_WSZ	WD.d
, ,									4	HUM	

FLID_Mission_Documents.pdf:

v	" "	_bocuments.pur.
	n.	Error Summary
	سا	Crew Manifest
	10	QC checklist
ľ	X	Dropwindsonde Log(s) – AVAPS and FD if completed
ľ	أمحيته	Flight Track
ľ	V	Miscellaneous FD notes

NOTES:

PDAIPha. 2 7 un responsive, PDAIPha. / was used as source.

Sensor or System	Number or Name
Static Pressure Probe Dynamic Pressure Probe Total Temperature Probe Dewpoint Temp. Probe Vertical Accelerometer Altimeter INE Selection Differential Attack Pressure Probe Differential Sideslip Pressure Probe Dynamic Attack Pressure Probe Dynamic Sideslip Pressure Probe	PSM.2 PQM. 2 TTM. AccZfilteri- GPS:1 AltGPS.3 1 PDALPHA.1 PDBETA.1 PQALPHA.1 POBETA.1

Flight Directory

acdata/2017/MET/20170919H1

Local Met Data	Takeoff KLAL (2037	Z) Landing KLAL (0006Z)
Dynamic Correcti	ons	Yes
AttackAngleInter	сер	2.3525
t AttackAngleSlo	pe	6
SlipAngleInterce	pt	6.1162
SlipAngleSlope		7 0.23
		6.9614

PDAlpha.1 performed nominally and

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.

PDAlpha.2 --> Largely unresponsive. was used as the source.

Expendable Type	# deployed	# good 	# transmitted
	0	0	0
- Dropsondes	0	0	0
Test sondes	0	0	0
AXBTs	0	0	0
AXCPs	0	0	0
AXCTDs	0	0	0
UAS	0	0	· ·

Flight Director:

