

NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20170918H1	FLT #:		AC:	Kibbey	Scientists:	Pressure		Dropsondes		
From:	KLAL	ETD:	0800Z	CP(s):	Mitchell	Jonathan Zwislak	A/C Takeoff		Good	Bad	Sent
To:	KLAL	ETA:	1600Z	Nav(s):	Didier		Kelly Ryan	Wx Station Takeoff		5	0
Block Time		Flight Time		FE(s):	Urato	Visitors:	A/C Land		BTs		
In:	1611	In:	1602	FD(s):	Sloan		Wx Station Land		Good	Bad	Sent
Out:	0741	Out:	0751	SEB:	Darby	Storm Number ID:	AL122017	AL122017			
Total:	8.5	Total:	8.2	SSA:	Tuffnell						TCPOD/WSPOD Mission
Sponsoring Org:	EMC/NHC			AVAPS:	Sears	(ie: NOAA2 2418A SANDY)	NOAA2 1212A JOSE				
Program:	PRX				Williams	OBSERVATIONS					
Purpose:	Hurricane TDR 1505L				Richards				Fix Number	Obs Number	Fix Time
AS REQUIRED BY ORM				Y	N	REMARKS					
VOLCANIC ASH					X		1	8	1017	E975	
SCIENCE MISSION WITHIN BDRY LAYER					X		2	11	1122	E976	
LACK OF PRECIPITATION				x			3	14	020	E977	
RELATIVE HUMIDITY ≥ 80%				X			4	18	1330	978	
LARGE AIR-SEA TEMP GRADIENT					X						
HIGH SURFACE WINDS				X							
LONG FETCH / DURATION OF SFC WND				X							
SEA SALT ACCRETION FORECAST					X						
SEA SALT ACCRETION OBSERVED											

Additional Remarks:

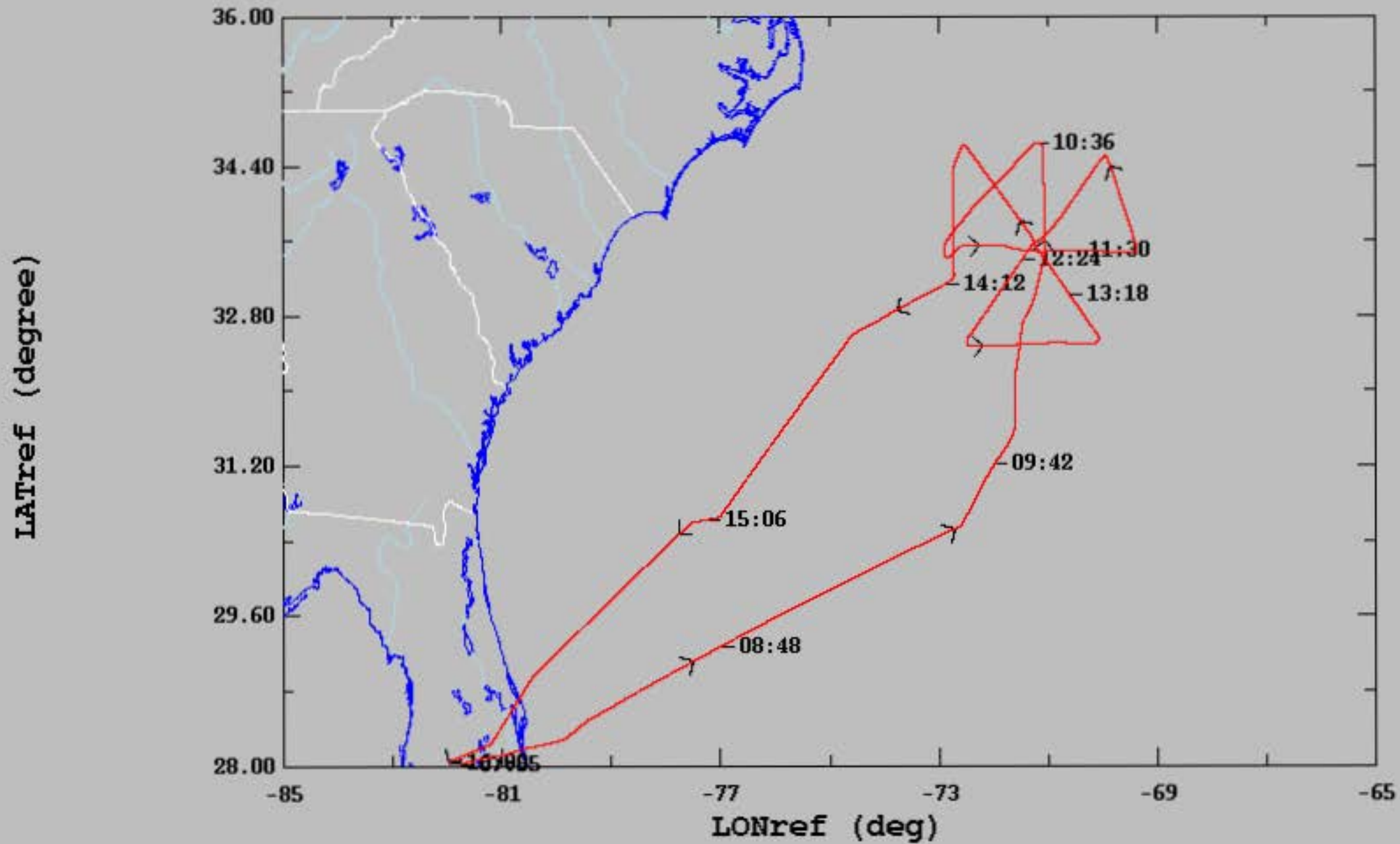
*Highlighted items must be completed before departure.

Cockpit Gmax:

Gmin:

Hurricane Jose, EMC

09/18/2017, 07:55:00-16:00:00



	mean	sigma	min	max
— LATref (degree), 1 s/sec	31.89	2.04	28.02	34.65
— LONref (deg), 1 s/sec	-73.92	3.50	-81.95	-69.36

APPENDIX 1 – P3 QC Checklist

Flight ID:	20170918H1
Flight Director(s):	Sears/Williams

Pressure Comparison		
	T/O 0751	Land 1602
Aircraft	1008.4 2 1009.2 1	1009.9 2 1011.0 1
Tower	1009.5	1011.0

UWZ.d mean: 0.16 from t/o to land, 0.17 mission

	Raw 1Hz Mean File Parameters				C File Parameters	
x 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			
	AccAXI-GPS.2	AccAYI-GPS.2	AccAZI-GPS.2			
x 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				ALTGA.d	
	AltGPS.4					
x Ground Speed	GsXI-GPS.1	GsYI-GPS.1	GsZI-GPS.1		GSXref	
	GsXI-GPS.2	GsYI-GPS.2	GsZI-GPS.2		GSYref	
					GSZref	
x Lat/Lon	LatGPS.1	Lati-GPS.1	LonGPS.1	Loni-GPS.1	LATref	
	LatGPS.2	Lati-GPS.2	LonGPS.2	Loni-GPS.2	LONref	
	LatGPS.3		LonGPS.3			
	LatGPS.4		LatGPS.4			
x Pressure	PDALPHA.1	PQALPHA.1	PQM.1	PSM.1	PDALPHAref	PQMref
	PDALPHA.2	PQBETA.1	PQM.2	PSM.2	PDBETAref	PQ.c
	PDBETA.1		PQM.3	PTM.1	PQALPHAref	PSMref
	PDBETA.2		PQM.4		PQBETAref	PS.c
x Air Speed	CasADDU.1	TasADDU.1	IasADDU.1		IAS.d	TAS.d
x Pitch/Roll	PitchI.1	PitchRateI.1	RollI.1	RollRateI.1	PITCHref	
	PitchI.2	PitchRateI.2	RollI.2	RollRateI.2	ROLLref	
	PitchI.3	PitchRateI.3	RollI.3	RollRateI.3		
x Temp/Dewpt	TTM.1	TDM.1	TRadD.1		TD.c	TTMref
	TTM.2	TDM.2	TRadS.1		TDMref	TA.d
	TTM.3	TDM.3	TRadU.1			
x Miscellaneous (must check)					UWZ.d	WS.d
					DPJ_WSZ	WD.d
					HUM	

Mission Documents:

x	Error Summary
x	Crew Manifest
x	QC checklist
x	Dropwindsonde Log(s) – AVAPS and FD if completed
x	Miscellaneous FD notes

NOTES: pqm.1 drops out 30s from 132600Z to 132630Z, and 15Z until end. pqm.2 is ref. Pdalp.2 is flat and shows + numbers. Tdm.1 spikes up erroneously from 0944-0953Z. Tdm.3 is too high entire flight. Tdm.2 is ref.