

NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST				MISSION INFORMATION				
FLT ID:	20170904H1	FLT #:	2	AC:	Kibbey	Scientists:		Pressure		Dropsondes		
From:	TBPB	ETD:	0700Z	CP(s):	Kahn	Rob Rogers (PI)		A/C Takeoff		Good	Bad	Sent
To:	TBPB	ETA:	1500Z		Ruckman	Sellwood, Kathryn				15	1	15
Block Time		Flight Time		Nav(s):	Freeman	Sim Aberson		Wx Station Takeoff		BTs		
In:	1455	In:	1450	FE(s):	Heystek			A/C Land		Good	Bad	Sent
Out:	0641	Out:	0649		Sanchez			Wx Station Land		1	3	1
Total:	8.2	Total:	9.0	FD(s):	Holmes			Storm Number ID:		AL112017		
Sponsoring Org:	EMC/NHC			SEB:	Underwood			(ie: AL072012)				
Program:	PRX			SSA:	Naeher			TCPOD/WSPOD Mission				
Purpose:	Hurricane TDR			AVAPS:	Richards			(ie: NOAA2 2418A SANDY)		NOAA2 0211A IRMA		
AS REQUIRED BY ORM				Y	N	REMARKS		Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					X			1	1	0904	951	
SCIENCE MISSION WITHIN BDRY LAYER					X			2	2	1027	948	
LACK OF PRECIPITATION					X	4 X 9 CAT TIL Pennies		3	3	1142	947	
RELATIVE HUMIDITY ≥ 80%				X				4	4	1313	946	
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					X							
Additional Remarks:								*Highlighted items must be completed before departure.				
Cockpit Gmax: 1.5				Gmin: 0.6								

APPENDIX 1 – P3 QC Checklist

Flight ID:	20170904H1
Flight Director(s):	Holmes

Pressure Comparison		
	T/O	Land
Aircraft	1005	1005
Tower	1006	1005

UWZ.d mean: 0.19

	Raw 1Hz Mean File Parameters				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			
	AccAXI-GPS.2	AccAYI-GPS.2	AccAZI-GPS.2			
✓ 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					
✓ Ground Speed	GsXI-GPS.1	GsYI-GPS.1	GsZI-GPS.1		GSXref	
	GsXI-GPS.2	GsYI-GPS.2	GsZI-GPS.2		GSYref	
✓ 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			
✓ Pressure <i>bad →</i>	✓ 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
✓ Air Speed	CasADDU.1	TasADDU.1	IasADDU.1		✓ IAS.d	✓ TAS.d
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		
✓ 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			
✓ Miscellaneous (must check)					✓ UWZ.d	✓ WS.d
					✓ DPJ_WSZ	✓ WD.d
					✓ HUM	

FLID_Mission_Documents.pdf:

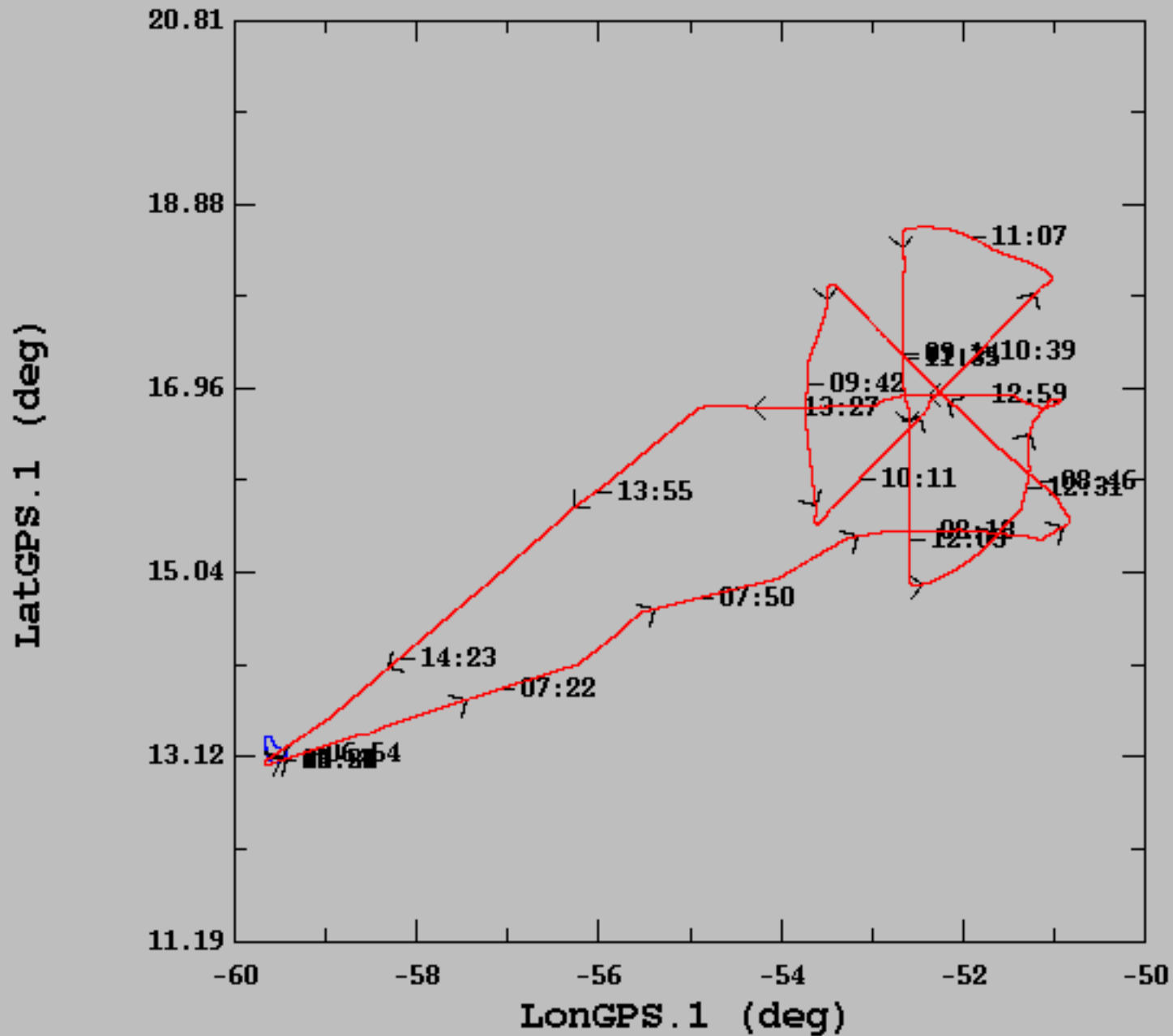
✓ Error Summary
✓ Crew Manifest
✓ QC checklist
✓ Dropwindsonde Log(s) – AVAPS and FD if completed
✓ Flight Track
✓ Miscellaneous FD notes

NOTES:

PDAlpha.2 → Bad → Unresponsive ...

20170904H1 FLight Track

2017-09-04, 05:58:14-14:51:56



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	15.68	1.60	13.02	18.64
— LongGPS.1 (deg), 1 s/sec	-54.40	2.86	-59.66	-50.81

