



## APPENDIX 1 – P3 QC Checklist

Flight ID:	2018080241
Flight Director(s):	Holmes

Pressure Comparison		
	T/O	Land
Aircraft	1013	1010
Tower	1012	1010

UWZ.d mean: 0.15

	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	✓ 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	✓ lasADDU.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)	<del>TS</del>				✓ UWZ.d	✓ WS.d
					✓ DPJ_WSZ	✓ WD.d
					✓ HUM	

**FLID\_Mission Documents.pdf:**

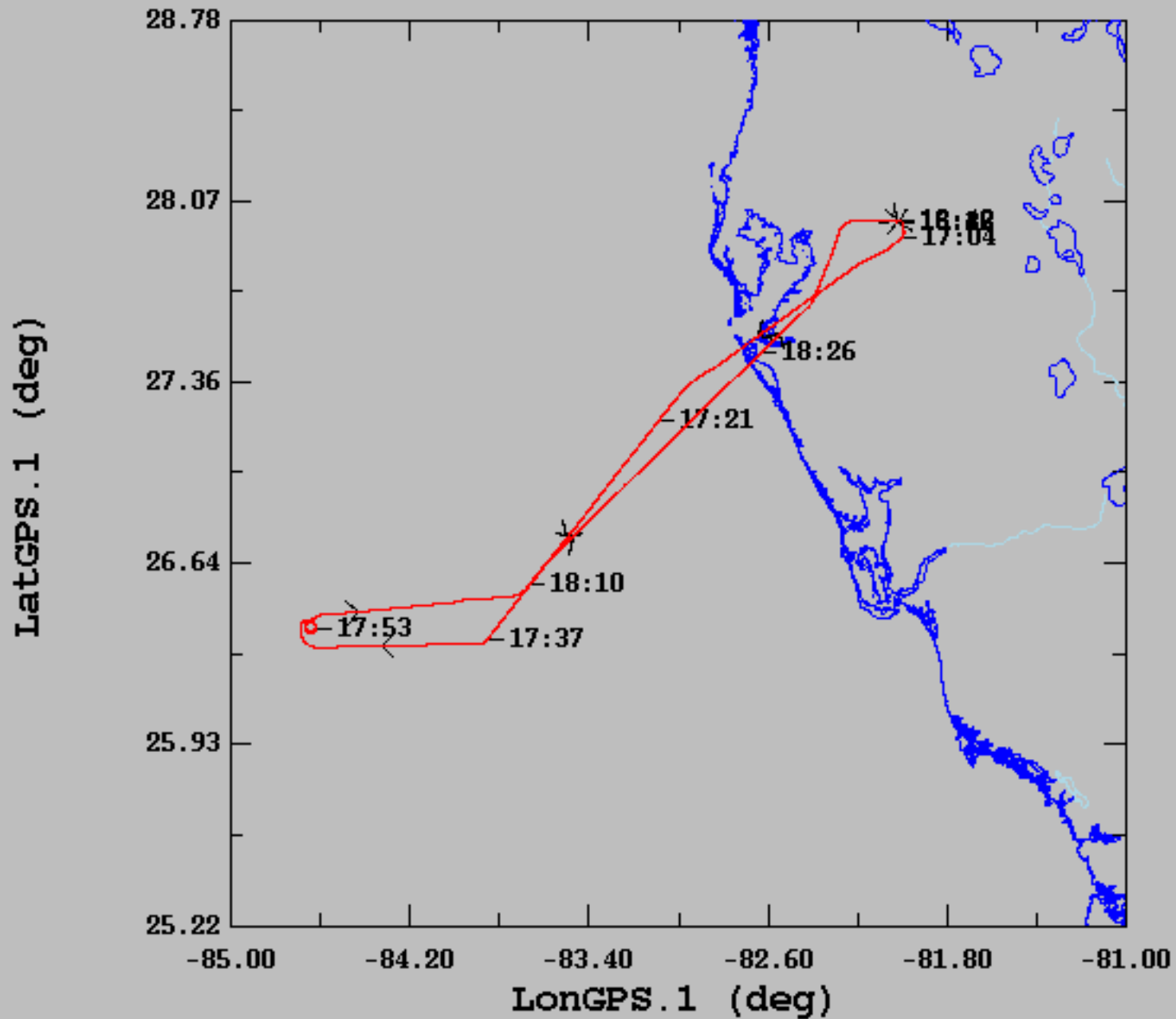
✓ Error Summary
✓ Crew Manifest
✓ QC checklist
✓ Dropwindsonde Log(s) – AVAPS and FD if completed
✓ Flight Track
✓ Miscellaneous FD notes

**NOTES:**

PDALpha.2 Inop....

# 20180802H1 Flight Track

2018-08-02, 16:15:45-18:42:42



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	27.33	0.66	26.31	27.99
— LongGPS.1 (deg), 1 s/sec	-82.90	0.92	-84.69	-81.99

## NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20180802H1	FLT #:		AC:	Abitbol	Scientists:	Pressure		Dropsondes		
From:	KLAL	ETD:	1700Z	CP(s):	Rossi		A/C Takeoff		Good	Bad	Sent
To:	KLAL	ETA:	1900Z	Nav(s):	Sloan	Wx Station Takeoff		1	0	1	
Block Time		Flight Time			FE(s)			Darby Lalonde	A/C Land	BTs	
In:	1852	In:	1841	FD(s):	Holmes	Wx Station Land		Good	Bad	Sent	
Out:	1653	Out:	1702	SEB:	Paul (Steven) Underwood			Storm Number ID: (ie: AL072012)			
Total:	2.0	Total:	1.7		SSA:	Mascaro	TCPOD/WSPOD Mission (ie: NOAA2 2418A SANDY)				
Sponsoring Org:	AOC			AVAPS:	Richards (T)	OBSERVATIONS					
Program:				Visitors: Erin McGarry (NBC) Jim Craven (NBC)			Fix Number	Obs Number	Fix Time	SLP	
Purpose:							REMARKS				
AS REQUIRED BY ORM				Y	N						
VOLCANIC ASH					X						
SCIENCE MISSION WITHIN BDRY LAYER					X						
LACK OF PRECIPITATION				X							
RELATIVE HUMIDITY ≥ 80%					X						
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:

Cockpit Gmax:

Gmin:

\*Highlighted items must be completed before departure.