

## P-3 QC Checklist

Overall Assessment	Minor instrument issue(s) - minimal mission impact.
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Flight ID:	20210930H1
Flight Director(s):	Hathaway
Mission:	Ferry
UWZ.d mean:	0.08

Pressure Comparison		
	T/O	Land
Aircraft	1008.7 mb	N/A
Tower	TISX - 1008.9 mb	KLAL - 1011.3 mb

	Raw 1Hz Mean File Parameters				C File Parameters	
✓ Accelerometer	✓ AccAXI.1 ✓ AccAXI.2 ✓ AccAXI-GPS.1 ✓ AccAXI-GPS.2	✓ AccAYI.1 ✓ AccAYI.2 ✓ AccAYI-GPS.1 ✓ AccAYI-GPS.2	✓ AccAZI.1 ✓ AccAZI.2 ✓ AccAZI-GPS.1 ✓ AccAZI-GPS.2	✓ AccZfilter-GPS.1 ✓ AccZfilter-GPS.2	✓ AccZref	
✓ Altitude	✓ AltGPS.1 ✓ AltGPS.2 ✓ AltGPS.3 ✓ AltGPS.4	✓ Alti-GPS.1 ✓ Alti-GPS.2	✓ AltPaADDU.1 ✓ AltBCADDU.1	✓ AltRA.1 ✓ AltRA.2	✓ ALTref ✓ ALTPA.d ✓ ALTGA.d	✓ AltRA1.c ✓ AltRA2.c
✓ Ground Speed	✓ GsXI-GPS.1 ✓ GsXI-GPS.2	✓ GsYI-GPS.1 ✓ GsYI-GPS.2	✓ GsZI-GPS.1 ✓ GsZI-GPS.2		✓ GSXref ✓ GSYref ✓ GSZref	
✓ Lat / Lon	✓ LatGPS.1 ✓ LatGPS.2 ✓ LatGPS.3 ✓ LatGPS.4	✓ LatI-GPS.1 ✓ LatI-GPS.2	✓ LonGPS.1 ✓ LonGPS.2 ✓ LonGPS.3 ✓ LonGPS.4	✓ LonI-GPS.1 ✓ LonI-GPS.2	✓ LATref ✓ LONref	
✓ Pressure	✓ PDALPHA.1 ✓ PDALPHA.2 ✓ PDBETA.1 ✓ PDBETA.2	✓ PQALPHA.1 ✓ PQBETA.1	✓ PQM.1 ✓ PQM.2 ✓ PQM.3 ✓ PQM.4	✓ PSM.1 ✓ PSM.2 ✓ PTM.1	✓ PDALPHAref ✓ PDBETAref ✓ PQALPHAref ✓ PQBETAref	✓ PQMref ✓ PQ.c ✓ PSMref ✓ PS.c
✓ Air Speed	✓ CasADDU.1	✓ TasADDU.1	✓ IasADDU.1		✓ IAS.d	✓ TAS.d
✓ Pitch / Roll	✓ PitchI.1 ✓ PitchI.2 <input type="checkbox"/> PitchI.3	✓ PitchRatel.1 ✓ PitchRatel.2 <input type="checkbox"/> PitchRatel.3	✓ RollI.1 ✓ RollI.2 <input type="checkbox"/> RollI.3	✓ RollRatel.1 ✓ RollRatel.2 <input type="checkbox"/> RollRatel.3	✓ PITCHref ✓ ROLLref	
✓ Temp / Dewpt	✓ TTM.1 ✓ TTM.2 <input checked="" type="checkbox"/> TTM.3	✓ TDM.1 ✓ TDM.2 <input type="checkbox"/> TDM.3	✓ TRadD.1 ✓ TRadS.1 <input type="checkbox"/> TRadU.1		✓ TD.c ✓ TDMref	✓ TTMref ✓ TA.d
✓ Misc. (Must check)					✓ UWZ.d ✓ DPJ_WSZ ✓ HUM	✓ WS.d ✓ WD.d

FLID_Mission_Documents.pdf:
<input checked="" type="checkbox"/> Error Summary <input checked="" type="checkbox"/> Crew Manifest <input checked="" type="checkbox"/> QC Checklist <input type="checkbox"/> Dropwindsonde Log(s) - AVAPS and FD if completed <input checked="" type="checkbox"/> Flight Track <input checked="" type="checkbox"/> Miscellaneous FD Notes

QC Key	
Not checked	<input type="checkbox"/>
Valid	<input checked="" type="checkbox"/>
Errors (note)	<input checked="" type="checkbox"/> X

NOTES:
- TDM.1 appears more sensitive.



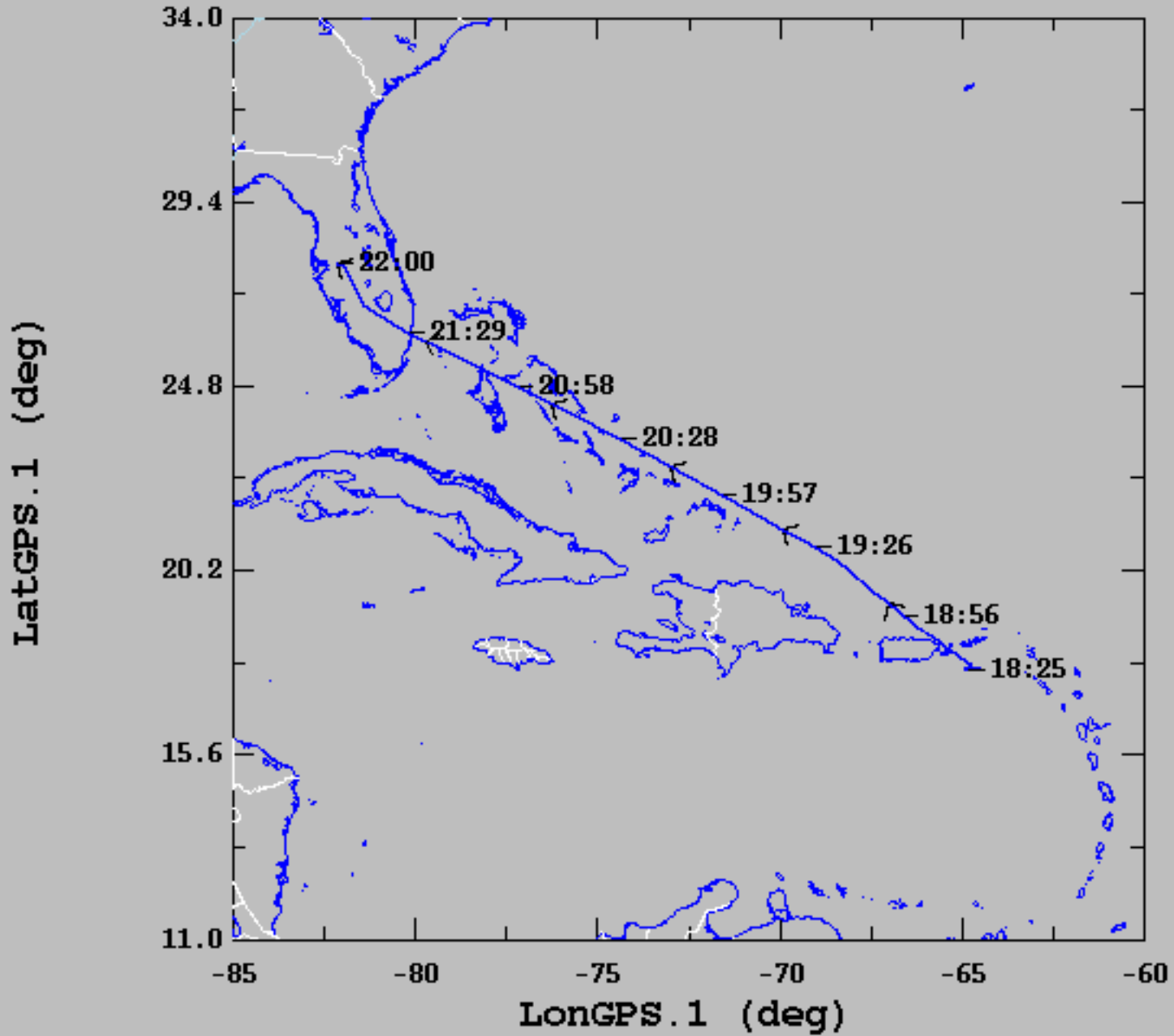
Flight Director: Hathaway  
Phone #: 863-500-3911

ACAT-4 Version = 7.4

## U.S. Department of Commerce / NOAA / OMAO / Aircraft Operations Center - N42RF Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20210930H1	FLT #:	6	AC:	Legidakes	Scientists:	Pressure		Dropsondes		
From:	TISX	ETD:	1830	CP(s):	Keith	Bucci	A/C Takeoff		Good	Bad	Sent
To:	KLAL	ETA:	2200		Rannenberg	Zhang			<b>0</b>	<b>0</b>	<b>0</b>
<b>Block Time</b>		<b>Flight Time</b>		NAV:	Utama	Hough	ASOS Takeoff		<b>BTs</b>		
In:	<b>22:14</b>	Land:	<b>22:07</b>	FE(s):	Sanchez				Good	Bad	Sent
Out:	<b>18:12</b>	T/O:	<b>18:25</b>	FD(s):	Hathaway		A/C Land		<b>0</b>	<b>0</b>	<b>0</b>
Total:	<b>4.0</b>	Total:	<b>3.7</b>		Lundry		ASOS Land				
Sponsoring Org:		HRD		SSA:	Richards, T.	<b>Visitors:</b>	Storm Number ID:		<b>NONE</b>		
Program:		PRX		AVAPS:	McAlister	Stateler	(ie: AL072012)				
Purpose:		Transit to KLAL		SEB:		Urato	TCPOD/WSPOD Mission		<b>WXWXA TRAIN</b>		
				MX:	Onley	Lalonde	(ie: NOAA2 2418A SANDY)				
<b>AS REQUIRED BY ORM</b>				<b>Y</b>	<b>N</b>	<b>REMAR</b>	<b>OBSERVATIONS</b>				
VOLCANIC ASH					X		Fix Number	Obs Number	Fix Time	SLP	
SCIENCE MISSION WITHIN BDRY LAYER					X		<b>1</b>				
LACK OF PRECIPITATION					X		<b>2</b>				
RELATIVE HUMIDITY ≥ 80%					X		<b>3</b>				
LARGE AIR-SEA TEMP GRADIENT					X		<b>4</b>				
HIGH SURFACE WINDS					X						
LONG FETCH / DURATION OF SFC WND					X						
SEA SALT ACCRETION FORECAST					X						
SEA SALT ACCRETION OBSERVED							<b>Pennies:</b>	0			
*Highlighted items must be completed before departure.											
<b>Remarks:</b>											

2021-09-30, 18:25:31-22:00:03



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	22.75	2.88	17.70	27.87
— LongGPS.1 (deg), 1 s/sec	-73.21	5.39	-82.12	-64.72
— LatGPS.1 (deg), 1 s/sec	22.75	2.88	17.70	27.87
— LongGPS.1 (deg), 1 s/sec	-73.21	5.39	-82.12	-64.72