

U.S. Department of Commerce / NOAA / OMAO / Aircraft Operations Center - N43RF Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	2020100511	FLT #:	1	AC:	Rossi,	Scientists:	Pressure		Dropsondes		
From:	KLAL	ETD:	1100	CP(s):	Doremus		A/C Takeoff		Good	Bad	Sent
To:	KLAL	ETA:	1930		Rannenberg				23	0	23
Block Time		Flight Time		NAV:	Freeman		ASOS Takeoff		BTs		
In:	1:25	Land:	1:17	FE(s):	LaLonde				Good	Bad	Sent
Out:	16:48	T/O:	16:58	FD(s):	Sanchez		A/C Land		0	0	0
Total:	8.6	Total:	8.3	SSA:	Richards						
Sponsoring Org:	NWS/NHC			AVAPS:	McAlister	Rogers	Storm Number ID:		AL262020		
Program:	PRX			SEB:			(ie: AL072012)				
Purpose:				MX:			TCPOD/WSPOD Mission		NOAA3 0126 DELTA		
							(ie: NOAA2 2418A SANDY)				
AS REQUIRED BY ORM				Y	N	REMARKS		Fix Number	Obs Number	Fix Time	SLP
VOLCANIC ASH					x	5 Sondes to ONR, remainder to NHC		1			
SCIENCE MISSION WITHIN BDRY LAYER					x			2			
LACK OF PRECIPITATION					x			3			
RELATIVE HUMIDITY ≥ 80%				x				4			
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			Pennies:	3 TS		

*Highlighted items must be completed before departure.

Remarks:

P-3 QC Checklist

Overall Assessment	Minor instrument issue(s) - minimal mission impact.
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Flight ID:	2020100511
Flight Director(s):	Lundry
Mission:	Tasked/Operational
UWZ.d mean:	0.02

Pressure Comparison		
	T/O	Land
Aircraft	1011.6	1011.5
Tower	1010.9	1010.3

1658

117

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

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

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

NOTES:
<p>Difference between wingtip and fuselag pressures at high alt TDM not always representative, TDM.2 set as ref</p>

AVAPS Drop Log

Project: 2020 Hurricane Season

Mission: TS Delta

Flight ID: 20201005I1

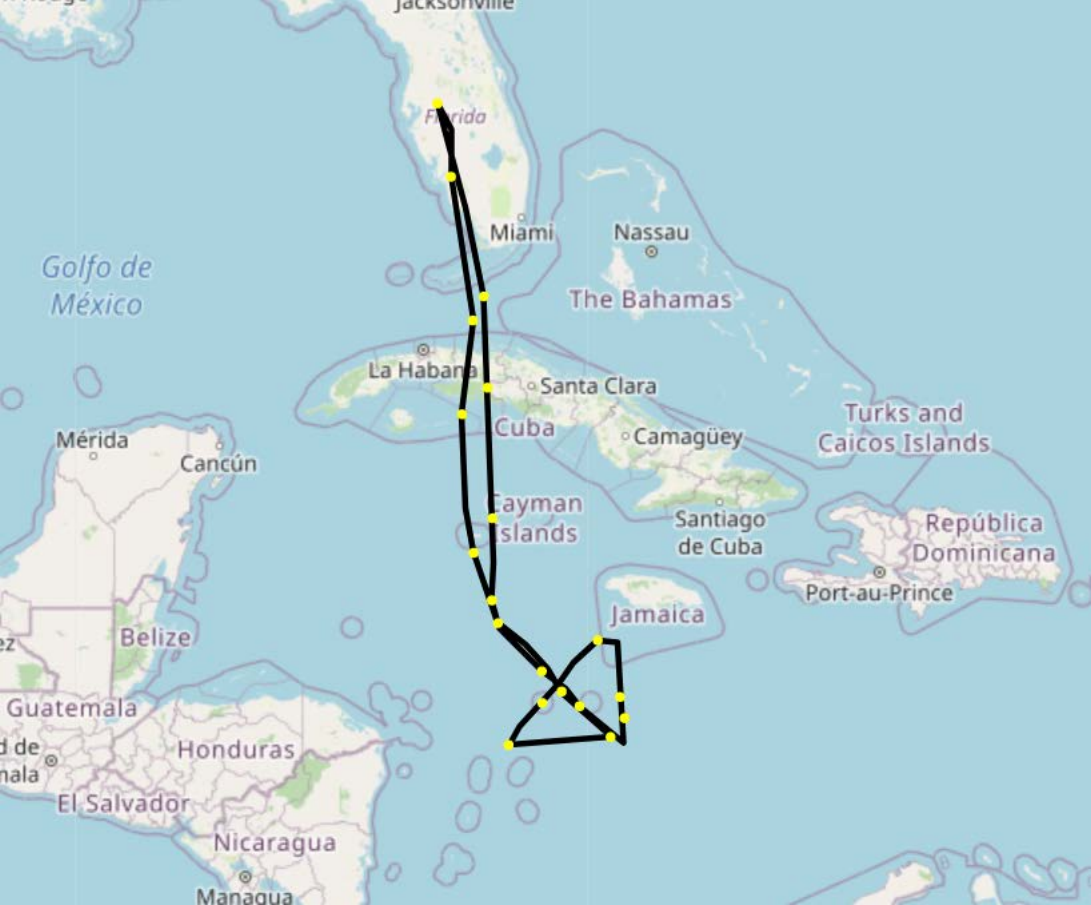
Take Off: _____

Landing: _____

Fit Dir: A Lundry

Launcher S/N: _____

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Charge \$\$ To	Comments	Good ?
1	201650543	1	-0.6	1734	MAC		1st Transit	
2	201520832	2	-0.5	1756	MAC		2nd Transit	
3	194250346	3	-0.1	1844	MAC		3rd Transit	
4	194320250	4	Ø	1907	MAC		IP 1	
5	201520837	5	-0.4	1920	MAC		Mid IN 1	
6	201521083	6	-0.3	1940	MAC		1st Center	
7	194240246	7	Ø	1955	MAC		Mid out 1	
8	201421315	8	-0.5	2008	MAC		End Point 1	
9	201510654	1	-0.3	2035	MAC	ONR	SE Pearl Spiral 20k	
10	201421317	2	-0.4	2104	MAC		IP2	
11	201520855	3	-0.6	2116	MAC		MID IN 2	
12	201440434	4	-0.2	2121	MAC		RMW IN 2	
13	201650597	5	-0.5	2125	MAC		2nd Center	
14	201421316	6	-0.4	2130	MAC		RMW out 2	
15	201440533	7	-0.4	2144	MAC		MID OUT 2	
16	201520853	8	-0.7	2155	MAC		End Point 2	
17	201440535	1	-0.5	2227	MAC		IP3	
18	201420575	2	-0.3	2239	MAC		MID IN 3	
19	201650495	3	-0.4	2252			RMW IN 3	
20	201440534	4	-0.3	2255			3rd Center	
21	194320262	5	-0.2	2257			RMW out 3	
22	201520830	6	-0.4	2308			MID OUT 3	
23	201651048	7	-0.4	2318			3rd END PT	
24	20148524	8	-0.1					
25								
26								
27								
28								
29								
30								
31								



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Santiago de Cuba

Cayman Islands

República Dominicana

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Belize

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Guatemala

Honduras

El Salvador

Nicaragua

Managua

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