

U.S. Department of Commerce / NOAA / OMAO / Aircraft Operations Center - N42RF Manifest																													
FLIGHT INFORMATION										CREW MANIFEST										MISSION INFORMATION									
FLT ID: 20190830H2		FLT #: 19-97								AC: Kibbey ✓		Scientists: Rogers, Rob ✓		Pressure		Dropsondes													
From: KLAL		ETD: 20:30Z								CP(s): Rossi ✓		Hazelton, Andy ✓		A/C Takeoff		Good		Bad		Sent									
To: KLAL		ETA: 04:30Z								Nav(s): Urato ✓		Sellwood, Kathryn ✓		ASOS Takeoff		33		0		33									
Block Time		Flight Time								FE(s): Sanchez ✓		Jelenak, Zorana ✓		A/C Land		Good		Bad		Sent									
In: 0353		Land: 0347								Tuffnel ✓		Sapp, Joe ✓		ASOS Land		2		1											
Out: 2034		T/O: 2043								Parrish ✓		Visitors: McFadden ✓		Storm Number ID: AL052019															
Total: 0.00		Total: 0.00								Sears ✓		Todd Reid ✓		(ie: AL142018)															
Sponsoring Org: 7.3		EMC								McAlister ✓		Shasta Shaffer ✓		TCPODWSPOD Mission															
Program: TDR Mission Hurricane Dorian		PRX								Mascaro ✓				(ie: NOAA2 0614A MICHAEL)															
Purpose:										Richards/T ✓				OBSERVATIONS															
AS REQUIRED BY ORM		Y N										REMARKS		Fix Number		Obs Number		Fix Time		SLP									
VOLCANIC ASH		X												1				2259		E-951									
SCIENCE MISSION WITHIN BDRY LAYER		X												2				0003		750									
LACK OF PRECIPITATION		X												3				0106		948									
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																											
Remarks:		6 mins elapsed																		*Highlighted items must be completed before departure.									

Handwritten: 3 hurricanes

Handwritten: Cat 3

APPENDIX 1 – P3 QC Checklist

Flight ID:	20190830H2
Flight Director(s):	Parrish

Pressure Comparison		
	T/O	Land
Aircraft	1007.5	1007.5
Tower		

UWZ.d mean: 0.03 m/s

Data start 204301
Data end 034701

UWZ 201328

	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	
					✓ GSZref	
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	✓ 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:

No PDALpha.2 TDM.2 went coldest
 No PDBeta.2 IAS data failure 021722Z-021741Z
 PQM.1 dropouts
 3 hurricane penetrations⁴