

U.S. Department of Commerce / NOAA / OMAO / Aircraft Operations Center - N42RF Manifest																			
FLIGHT INFORMATION										CREW MANIFEST				MISSION INFORMATION					
FLT ID:	20190905H2	FLT #:		ETD:	20:00Z	ETA:	04:00Z	Block Time	Flight Time	AC:	Kahn ✓	Scientists:	Marks, Frank ✓	A/C Takeoff	Pressure	Dropsondes			
From:	KLAL									CP(s):	Abitbol ✓	Zhang, Xuejin ✓				Good			
To:	KLAL									Nav(s):	Rossi ✓	Sellwood, Kathryn ✓				Bad			
											Richards ✓	Hansen, Kurt UM ✓				Sent			
In:	0308	Land:	0258							FE(s):	Darby ✓	Zelenak, Zorana ✓							
Out:	1944	T/O:	1950							FD(s):	Lalonde ✓	Sapp, Joe ✓							
Total:	0:00	Total:	0:00								Parrish ✓	Visitors:							
	7.4		7.1							SEB:	McAlister ✓	Colon, Elsie ✓							
Sponsoring Org:			EMC								Richards, T. ✓	Rose, Elizabeth Telimur ✓							
Program:			PRX							SSA:	Smith, J. ✓	zluogo, Milton Telimur ✓							
Purpose:			TDR Mission Hurricane Dorian							AVAPS:		Edwards, Charles ✓							
AS REQUIRED BY ORM				Y	N	REMARKS										OBSERVATIONS			
VOLCANIC ASH																Fix Number	Obs Number	Fix Time	SLP
SCIENCE MISSION WITHIN BDYR LAYER				X	X											1			F960
LACK OF PRECIPITATION				X	X											2			960
RELATIVE HUMIDITY ≥ 80%				X	X											3			958
LARGE AIR-SEA TEMP GRADIENT				X	X											4			959
HIGH SURFACE WINDS				X	X											5			958
LONG FETCH / DURATION OF SFC WND				X	X											6			959
SEA SALT ACCRETION FORECAST				X	X											7			958
SEA SALT ACCRETION OBSERVED				X	X											8			957
Remarks:																			
*Highlighted items must be completed before departure.																			

N42RF_Crew_1 ▾ N42RF_Crew_2 ▾ N43RF_Crew_1 ▾ N43RF_Crew_2 ▾ N49RF_Crew_1 ▾ N49RF_Crew_2 ▾

Unassigned items must be completed before departure.

APPENDIX 1 – P3 QC Checklist

Flight ID:	2019090512
Flight Director(s):	Parrish

Pressure Comparison		
Aircraft	T/O	Land
	1007.5	1007.5
Tower		

UWZ.d mean: 0.10

T.O. 195005 land 025810 Start 180450 End 270053 UWZ 185005

	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	✓ AccZfilter-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		✓ PDBETAref	✓ PS.c
Air Speed	✓ CasADDU.1	✓ TasADDU.1	✓ LasADDU.1		✓ AS.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:

TDM.3 bad. Used TDM.1, about 100 c TDM.2.
PQM.1 ~ 5ms c PQM.2 then PQM.4