

KALP DFW Mitch

NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION						
FLT ID: 20190711H1	FLT #:	ETD: 0800Z	ETA: 1600Z	AC:	Kibbey	Scientists:	Pressure	Dropsondes					
From: KLAL				CP(s):	Didier		A/C Takeoff	Good	Bad	Sent			
To: KLAL				Nav(s):	Legitakes		Wx Station Takeoff	18	0	18			
Block Time					Freeman			BTs					
In: 1449Z	In: 1443Z			FE(s)	Heysteck	Marks, Frank							
Out: 0801Z	Out: 0808Z			FD(s):	Sanchez	Aberson, Sim							
Total: 6:48(6.8)	Total: 6:35(6.6)				Parrish	Alvey, George							
				SEB:	Richards	Diaz, Steve	A/C Land	2	3	2			
Sponsoring Org: EMC				SSA:	Patel	Johnson, Nicholas (UAL)	Wx Station Land						
Program: TDR				AVAPS:		Visitors:							
Purpose: 42PRX 60 deg butterfly pattern							Storm Number ID: AL022019						
AS REQUIRED BY ORM				Y	N	OBSERVATIONS							
VOLCANIC ASH						Fix Number					Obs Number	Fix Time	SLP
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.

APPENDIX 1 – P3 QC Checklist

Flight ID:	20190711141	Pressure Comparison	
Flight Director(s):	Parrish	Aircraft	T/O
			Land
		Tower	1010
			1012.5
			29.98
			30.02

UWZ.d mean: 0.11

T.O. 0800Z Land 144325

Data starts 061100 Ends 144428

	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	Best. Use	✓ 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)					✓ UWZ.d	✓ WS.d
					✓ DPJ_WSZ	✓ WD.d
					✓ HUM - REL	

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 Use PQM.2
 A few dropouts of PDBETA.2 → use PQBETA.1
 TDM.1 much cooler, not responsive.
 TDM.3 - many downward (cooler) spikes.

QSM.2
 PQM.2
 TTM.1
 TDM.2
 PDALPHA.1
 PQBETA.1
 PQALPHA.1
 PQBETA.1