

SAV elev
50 ft.

0812A JOSE
AU22017
23Z-03Z AF
2130 - 2230Z N42

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

FLT ID: 20170917N1	From: KLAS	To: KLAS KSAV
Flt No: —	In: 0103 Z	On: 0056 Z
ETD: 1730 Z	Out: 1723	Off: 1732
ETE: 8 + 00	Blk Time: 7.7 Hrs	Flt Time: 7.4 Hrs
Sponsoring Org: NHC	Program: PHS	Purpose: Jose SS

AOC Flight Crew

Aircraft Commander: MacIntyre	Data System: DEFE 0
Co-Pilot: Fritzler / Sims	AVAPS: Underwood / Paul
Navigator: /	System Engineer: Greene
Flight Eng: /	AA:
Flight Director: Henning / Belson	AA:
Ionics:	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
	LAL alt t/o 30.01	SAV land 30.00
	STA 1011.3	STA 1014.2
	PSM#2 1011.9	PSM#2 1014.1

Remarks (Storm Name, Mission ID, Recco Times, Fix Times) Recco Times Fix # Fix Time

Storm Name: 0812A JOSE

Sondes 21 of 21
ABORTED

(See reverse for additional remarks)

APPENDIX 2 – GIV QC Checklist

Flight ID:	20170917N1
Flight Director(s):	Henning / Belson

Pressure Comparison		
	T/O	Land
Aircraft	1011.9	1014.1
Tower	1011.3	1014.2

PSM #2

UWZ.d mean: +0.04

	Raw 1Hz Mean File Parameters				C File Parameters	
Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1		AccZref	
	AccAXI.2	AccAYI.2	AccAZI.2			
	AccAXI.3	AccAYI.3	AccAZI.3			
Altitude	AltGPS.1	AltI.1	AltPaADDU.1	AltBCADDU.1	ALTref	
	AltGPS.2	AltI.2	AltPaADDU.2	AltBCADDU.2	ALTPA.d	
	AltGPS.3	AltI.3	AltRA.1		ALTGA.d	
Ground Speed	GsXI-GPS.1	GsXI.1	GsGPS.1	GsXGPS.1	GSXref	
	GsXI-GPS.2	GsXI.2	GsGPS.2	GsXGPS.2	GSYref	
	GsYI-GPS.1	GsXI.3		GsYGPS.1	GSZref	
	GsYI-GPS.2	GsYI.1	GsZI.1	GsYGPS.2		
	GsZI-GPS.1	GsYI.2	GsZI.2	GsZGPS.1		
	GsZI-GPS.2	GsYI.3	GsZI.3	GsZGPS.2		
Lat/Lon	LatGPS.1	LatI.1	LonGPS.1	LonI.1	LATref	
	LatGPS.2	LatI.2	LonGPS.2	LonI.2	LONref	
	LatGPS.3		LonGPS.3			
Pressure	PDALPHA.1	PQALPHA.1	PQM.1	PSM.1	PDALPHAref	PQMref
	PDALPHA.2	PQALPHA.2	PQM.2	PSM.2	PDBETAref	PQ.c
	PDBETA.1	PQBETA.1	PQM.11	PSM.11	PQALPHAref	PSMref
	PDBETA.2	PQBETA.2			PQBETAref	PS.c
Air Speed	CasADDU.1	TasADDU.1	IasADDU.1		IAS.d	TAS.d
Pitch/Roll	PitchI.1	PitchRatel.1	RollI.1	RollRatel.1	PITCHref	
	PitchI.2	PitchRatel.2	RollI.2	RollRatel.2	ROLLref	
	PitchI.3	PitchRatel.3	RollI.3	RollRatel.3		
Temp/Dewpt	TTM.1	TTM.11	TDM.1		TD.c	TTMref
	TTM.2	TTM.13	TDM.2		TDMref	TA.d
	TTM.3	TTM.4	TDM.11			
Miscellaneous (must check)					UWZ.d	WS.d
					DPJ_WSZ	WD.d
					HUM	

Mission Documents:

<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 type="checkbox"/>	Miscellaneous FD notes

NOTES:

AltRa.1 oscillation at cruise alt.
(approx 50 meters amplitude)

TDM.2 too dry near surface but better at altitude (supersaturation less than TDM.1)

NASSAU

250 11020

500 5910

700 3184

Flight ID: 20170917N1

Mission ID: 0812A JOSE

AOC GPS Dropwindsonde Log

Flight Director: BELSON / HEWNING

Storm/Track:

250mb Pg ___ of ___ 500mb

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Ch. #	Drop #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°W)	Wx Cond.	SFC Prs (mb)	Ob #	L5/R5	Last Winds R5 (ht, ws, wd)	Last Winds L5 (ht, ws, wd)	Sent Time/KWBC (UTC)
1	1	5558	1827	25.0	76.0	FEW	1011.8	1	RS	13m, 33012	102	PSF
2	2	5055	1842	25.0	74.0	FEW	1010.5	2	↑	12m, 27515	101	PSF
3	3	5024	1908	27.0	71.0	SCT	N/A	3	↓	N/A	NA	PSF
4	4	5040	1922	27.0	73.0	FEW	1008.1	4	↓	8m, 27520	098	PSF
5	5	5097	1937	27.0	75.0	FEW	1009.4	5		9, 29516	099	PSF
6	6	5037	1952	27.0	77.0	SCT	1010.7	6		11, 36012	098	PSF
7	7	5227	2016	29.5	79.0	FEW	1012.2	7		12, 33011	093	PSF
8	8	5014	2024	29.5	77.5	FEW	1010.7	8		11, 00515	094	PSF
9	9	5072	2034	29.5	76.0	SCT	1009.4	9		9, 35518	095	PSF
10	10	5126	2048	31.1	74.7	FEW	1007.3	10		7, 36029	094	PSF
11	11	5007	2058	30.0	73.8	SCT	1006.9	11		13m, 345/28	097	PSF
12	12	5082	2108	29.5	72.6	SCT	1003.8	12		305/26	097	PSF
13	13	5077	2117	29.5	71.3	SCT	1003.2	13		225/36	097	PSF
14	14	5079	2126	30.0	70.1	BKN	1001.9	14		190/38	097	PSF
15	15	5014	2136	31.1	69.3	UCST	CD0 1003.9	15		140/34	098	PSF
16	16	5184	2146	32.4	69.0	CD0	DIED at	16	→	925 mb	PS	winds 74 kt
17	17	5063	2157	33.7	69.3	CD0	1011.1	17		080/35	097	PS 583
18	18	5096	2208	34.7	70.1	CD0	1013.2	18		100/26	095	PS 584
19	19	5179	2217	35.3	71.3	CD0	1012.6	19		080/21	093	PS
20	20	5027	2231	37.0	70.0	CD0 NE	1016.9	20		085/14	091	PS
21	21	5070	2247	39.0	69.0	SCT	1018.8	21		105/11	088	PS
22	22											

ABORT

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