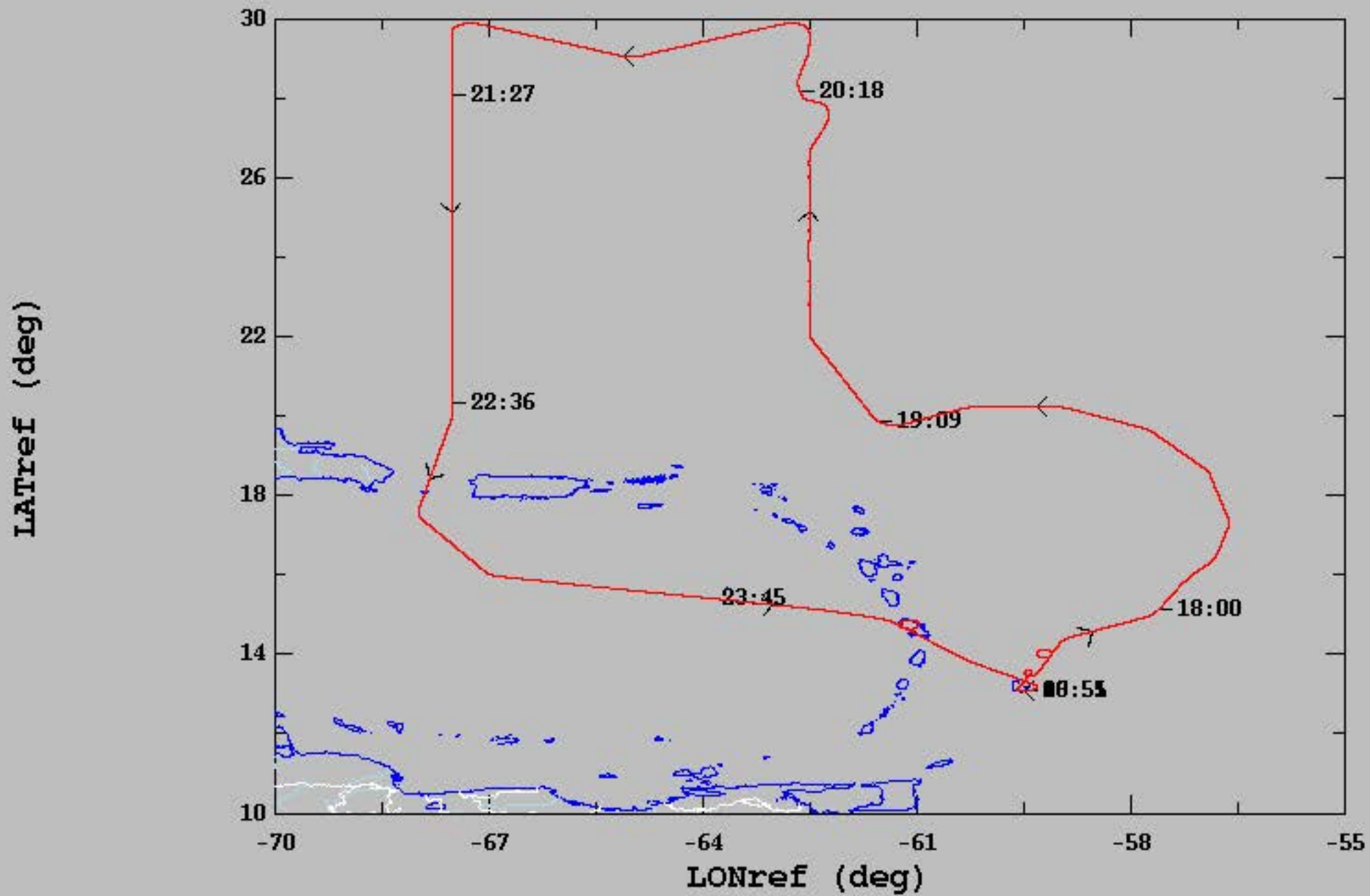


09/05/2017, 16:51:13-24:55:06



	mean	sigma	min	max
— LATref (deg), 1 s/sec	20.21	5.61	13.07	29.88
— LONref (deg), 1 s/sec	-62.89	3.61	-67.98	-56.61

APPENDIX 2 – GIV QC Checklist

Flight ID:	20170905N1
Flight Director(s):	Henning/Williams

Pressure Comparison		
	T/O 1722	Land 0047
Aircraft	1002.2	1003.8
Tower		

UWZ.d mean: 0.16

	Raw 1Hz Mean File Parameters				C File Parameters	
x Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1		AccZref	
	AccAXI.2	AccAYI.2	AccAZI.2			
	AccAXI.3	AccAYI.3	AccAZI.3			
x 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	
x 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		
x Lat/Lon	LatGPS.1	LatI.1	LonGPS.1	LonI.1	LATref	
	LatGPS.2	LatI.2	LonGPS.2	LonI.2	LONref	
	LatGPS.3		LonGPS.3			
x 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
x Air Speed	CasADDU.1	TasADDU.1	IasADDU.1		IAS.d	TAS.d
x 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		
x 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			
x 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: tdm.2 is too cold on the ground but more representative at altitude, whereas tdm.1 is accurate on the ground but 15C or more too warm at altitude. Tdm.2 is ref.

AOC GPS Dropairdsonde Log

TBPB 1304N

5930W

Aircraft: 20170905N1Flight Leader: WILLIAMS / HENNINGMission: 0911A IRMA

Start/End: _____

Pg. # _____

Ch #	Drop #	Bank ID	Drop Time (UTC)	Lat (°N)	Lon (°W)	Wx Code	SPC Pres (mb)	Ch #	SPC	Last Wind 10 (ft/sec)	Last Wind 10 (ft/sec)	Last Treatment (SPC)	
	1	5083	746	14.4	58.9	CDO	1005.5	1	R	265/27	250/297	PSF	585
	2	5006	758	15.0	57.7	CDO	1007.0	2		12m 195/27	100	PSF	586
	3	5127	1809	16.8	56.9	CDO	1007.4	3		170/30	100	PSF	585
	4	5144	1819	17.3	56.6	CDO	1008.8	4	V	140/22	100	PSF	576
	5	5083	1629	18.6	56.9	CDO	1009.5	5		101/34	100	PSF	587
	6	5079	1840	19.6	57.7	CDO	1009.7	6		21m 105/24	099	PSF	587
	7	5012	1844	20.0	58.9	CDO	1009.5	7		080/31	099	PSF	586
	8	5576	1859	20.0	60.3	CDO	1009.3	8		180/25	099	PSF	587
	9	5064	1908	19.6	61.9	BKN	1009.4	9		055/22	099	PSF	588
	10	5110	1927	22.0	62.5	FEW	102.3	10		090/16	098	PSF	590
	11	5145	1943	24.0	62.5	FEW	104.5	11		080/13	099	PSF	591
	12	5116	2000	26.0	62.5	BKN	106.3	12		110/24	099	PSF	591
	13	5044	2017	28.0	62.5	UCST	106.5	13		070/16	099	PSF	592
	14	5023	2034	31.0	62.5	BKN	108.3	14		035/14	097	PSF	592
	15	5168	2052	29.0	65.0	FEW	107.9	15		100/14	099	PSF	591
	16	5114	2112	30.0	67.5	FEW	107.8	16		105/10	098	PSF	592
	17	5080	2108	28.0	67.5	FEW	106.3	17		110/10	098	PSF	591
	18	5076	2145	26.0	67.5	FEW	1015.2	18		045/12	100	PSF	591
	19	5063	2203	24.0	67.5	FEW	105.2	19		070/14	100	PSF	591
	20	5021	2221	22.0	67.5	FEW	107.5	20		065/13	098	PSF	591
	21	5120	2239	20.0	67.5	FEW	1010.7	21		065/15	099	PSF	590
	22		2302	17.5	68.0	FEW	1010.2	22		025/14	099	PSF	591
	23		2308	16.0	67.5	FEW		23				PSF	591
	24	5051	2331	15.7	65.6	—	1009.4	24		015/15	099	PS	589
	25	505	2343	15.5	64.2	—	1007.9	25		335/10	018	PS	587
	26		2355	15.2	62.5	—	1006.5	26		305/10	099	PS	587
	27		0007	13.0	61.5	—	1006.8	27		275/13	099	PSF	587

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LAST FT

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