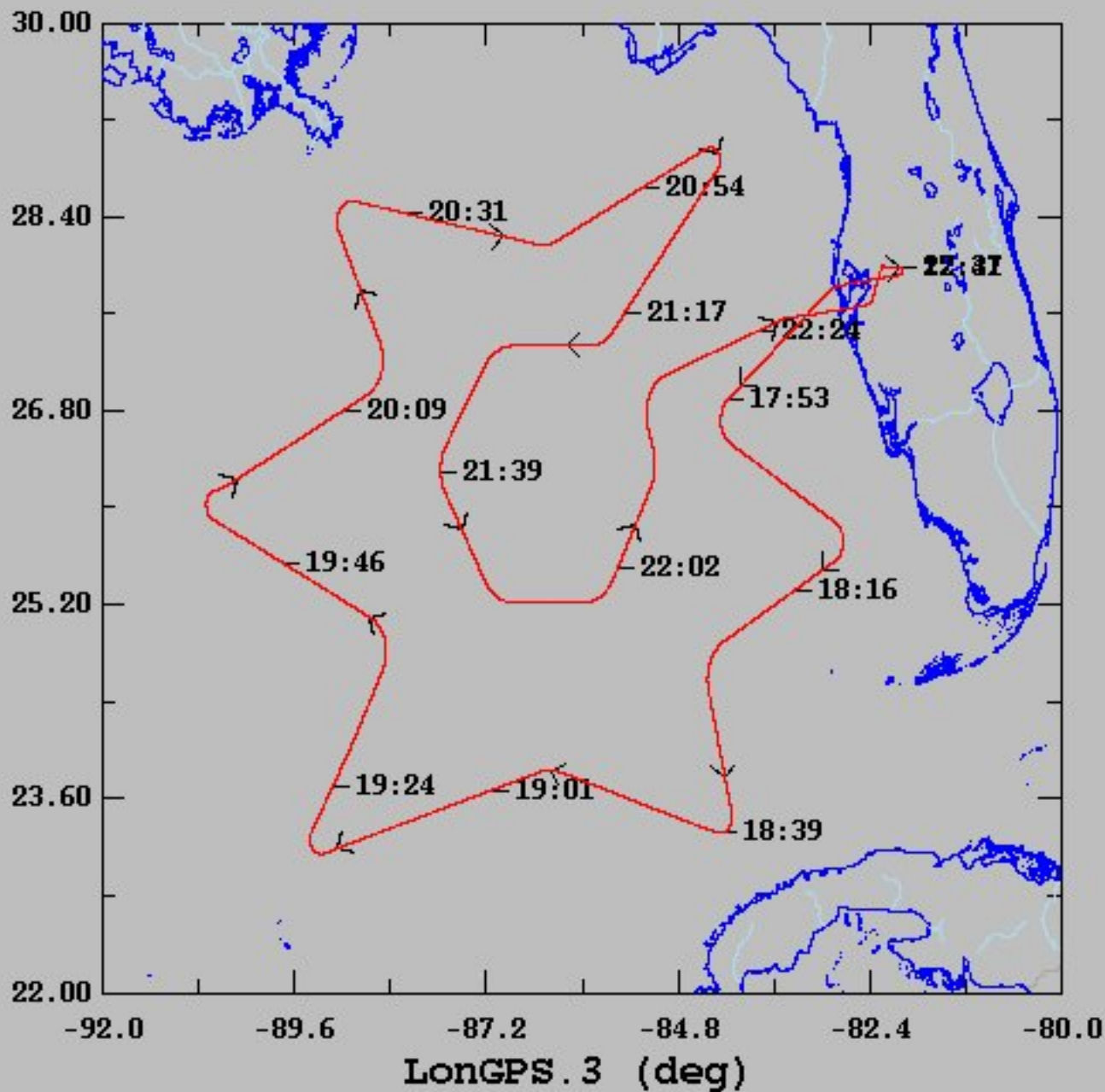






10/09/2018, 17:31:20-22:47:22



APPENDIX 2 – GIV QC Checklist

PSM #2

Flight ID:	20181009N2	Pressure Comparison	
Flight Director(s):	HENNING/PARRISH	Aircraft	T/O
			Land
UWZ.d mean:	-3.23 raw UWZ from A.nc +0.01 after post processing	Tower	
		1007.2	1004.4
		1006.6	1004.5

	Raw 1Hz Mean File Parameters				C File Parameters	
<input checked="" type="checkbox"/> Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1		AccZref	
	AccAXI.2	AccAYI.2	AccAZI.2			
	AccAXI.3	AccAYI.3	AccAZI.3			
<input checked="" type="checkbox"/> 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	
<input checked="" type="checkbox"/> 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		
<input checked="" type="checkbox"/> Lat/Lon	LatGPS.1	LatI.1	LonGPS.1	LonI.1	LATref	
	LatGPS.2	LatI.2	LonGPS.2	LonI.2	LONref	
	LatGPS.3		LonGPS.3			
<input checked="" type="checkbox"/> 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
<input checked="" type="checkbox"/> Air Speed	CasADDU.1	TasADDU.1	IasADDU.1		IAS.d	TAS.d
<input checked="" type="checkbox"/> 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		
<input checked="" type="checkbox"/> 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			
<input type="checkbox"/> Miscellaneous (must check)					UWZ.d	WS.d
					DPJ_WSZ	WD.d
					HUM	

PSM.2  
OK  
for  
this  
flight

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:

Selecting PDAlpha.2 in post processing removes the very large negative bias in vertical winds seen in raw A.nc file coming off plane

N49RF AOC GPS Dropwindsonde Log (updated 9/2017)

And cover 8:14  
212-275-7620

Flight ID: 20181009N2

Flight Director(s): Henning / Parrish

Mission ID: N049A WAIKA

Storm Name/Track: Michael

PG 1 of 1

ELD

Sonde #	Obs #	Sonde ID (Last 5)	Drop Time (UTC)	Ch #	Lat (°N)	Lon (°E)	Wx Cond.	SFC Prs (mb)	Comments / Issues / ASPEN Edits	KWBC #	Bad Sonde?
1	1	20795	175552	1	24.7	84.2	Top of CDO	1005.2	130/21.4	091813	
2	2	40258	181050	2	25.7	82.7	"	1007.6	115/13.7	091829	
3	3	40261	181809	3	25.2	83.5	"	1006.0	143/16.5	091836	
4	4	40251	182643	4	24.7	84.4	"	1003.7	168/20.5	091845	
5	5	40256	183819	1	27.3	84.2	Bkn b/w	1005.8	191/13.4	091857	
6	6	40252	184650	2	23.6	85.2	"	1003.9	189/16.4	091907	
7	7	30630	184454	3	23.84	86.4	"		Died early - no heights		
8	8	40249	190802	4	23.4	87.9	"	1000.5	258/10.2	091927	
9	9	40252	191944	1	23.2	89.4	"	1003.1	273/8.2	091938	
10	10	40247	192727	2	24.0	88.9	"	1002	291/7.9	091946	
11	11	40253	193532	3	24.9	88.5	scat b/w	999.4	317/10.5	091954	
12	12	11043	194600	4	25.5	89.6	"	1002.8	9.2/9.5	092008	
13	13	30650	195601	1	26.1	90.7	"	1003.4	37/6.5	092014	
14	14	30651	200422	2	26.5	89.6	"	1002.4	34/9.6	092023	
15	<del>15</del>	40254	2014	3			"		No winds - won't send * winds recovered		
16	15	30908	201458	4	27.3	88.5	"	1001.7	55.15 backup 40/15.5	092034	
17	16	10398	202015	1	27.8	88.8	In the CDO	1003.3	53/12.4	092039	
18	17	50845	202636	2	28.5	88.9	"	1005.4	65/12.2	092046	
19	18	40112	203445	3	28.4	82.8	"	1003.3	75/14.1	092053	
20	19	30249	204520	4	28.2	86.4	"	1003.7	80/14.4	092105	
21	20	40114	210339	1	28.8	84.3	"	1005.8	83/14.2	092124	
22	21	40247	212024	2	27.3	85.8	"	998.3	No ste wind	092142	
23	22	50846	213010	3	27.3	87.1	"	998.2	63/18.7	092149	
24	23	50844	213914	4	26.3	87.8	"	996.3	354/14.8	092158	
25	24	40607	215022	1	25.2	87	"	995.1	261/15.4	092209	
26	25	40211	215951	2	25.3	85.7	"	997.7	182/22.2	092219	
27	26	40246	220924	3	26.3	85.1	"	999.1	No ste wind	092228	
28	27	40126	221510	4	27.0	85.1	"	1000.7	108/25.8	092234	last report
29											
30											
31											
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34											
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36											
37											
38											

COMMENTS:

Last

Last report

