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

FLT ID: 090612N2	From: KOCF	To: KMCF
FLT #: 09-078	Blk In: 1809 Z	Lnd Time: 1804 Z
ETD: Z	Blk Out: 1719 Z	T/O Time: 1727 Z
ETE:	Total Blk: 50min (.8)	Total Flt: 37min (.6)
Sponsoring Org:	Program:	Purpose: training

AOC Flight Crew

Aircraft Commander: Hagan	Data System: Rogers
Co-Pilot: ODell /	Avaps: C. Lynch
Navigator: /	System Engineer:
Flight Eng: Negron /	AA: Greene
Flt Director: Almeida, Williams	AA: Cruz
Avionics:	Crew Chief:

Participating Scientists, Visitors, & Add'l Aircrew on back.	Total # of people on board:	# of people listed on back:

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure				

ATIS - Takeoff	1735z	26005KT	10SM	32/19	29.94
ATIS - Land	1755z	26007KT	10SM	CLR 31/23	29.95

Data Source	Number	Data Disposition / Date / Quality / File Name(s)
Flight Level Tapes	—	No File
Radar Tapes	—	
Dropsondes	—	Good: Bad: Sent:
AXBT	—	

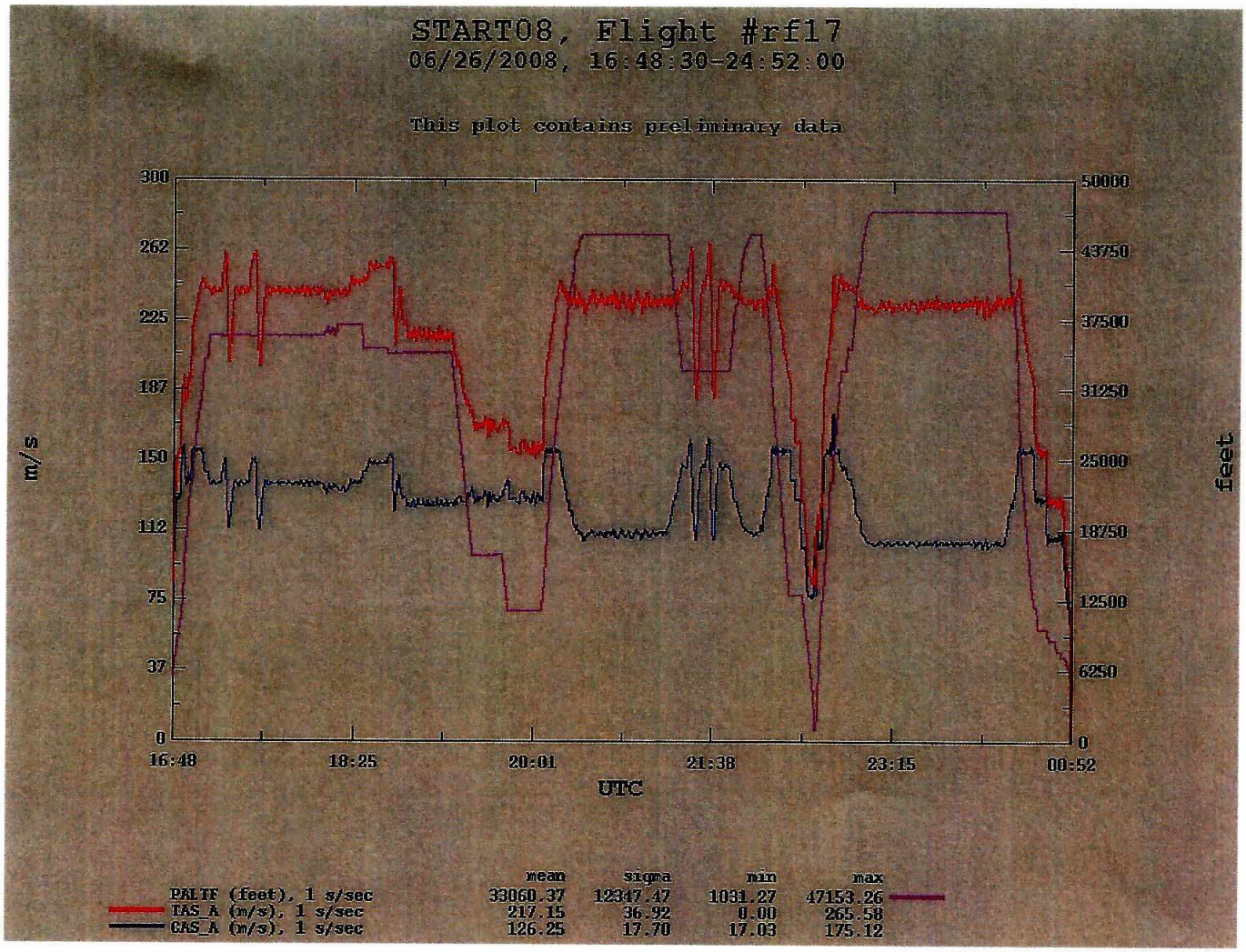
List other data sources on back in Remarks section.

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

Recco Times: Fix # Fix Time

Storm Name: WXWXA TRAIN

Mission ID:



Re: G5 wind cal maneuvers.eml	**Content-Type:** message/rfc822 **Content-Encoding:** 7bit

NCAR_GV_Damiano.png	**Content-Type:** image/png **Content-Encoding:** base64

							Date of Calibration: 27 May 2009					
DSM	CHAN	UPDATE	DESCRIPTION	MANUF.	MODEL	SERIAL NUMBER	RANGE (V)	C1	C2	**G**	**Vos**	**C1'**	**C2'**
								Insert Cal Lab coefficients here					
FWD	00		Left AOA AP (AP1)	Rosemount	1221F2VL7B1B	2299	+/- 10	0.0021	6.8842	1	10	0.0021 ✓	6.8842 ✓
FWD	01		Left AOA DAPM (DAP1)	Rosemount	1221F2AF8B1B	2312	0 - 10	0.9327	34.4761	2	10	173.3132 ✓	17.23805 ✓
FWD	02		Right AOA AP (AP2)	Rosemount	1221F2VL7B1B	2309	+/- 10	-0.067	6.8901	1	0	-0.0670 ✓	6.8901 ✓
FWD	03		Right AOA DAPM (DAP2)	Rosemount	1221F2AF8B1B	2313	0 - 10	-1.2127	34.4983	2	10	171.2788 ✓	17.24915 ✓
FWD	04		Top Slip BP (BP1)	Rosemount	1221F2VL7B1B	2300	+/- 10	-0.1618	6.8935	1	0	-0.1618 ✓	6.8935 ✓
FWD	05		Top Slip DBPM (DBP1)	Rosemount	1221F2AF8B1B	2319	0 - 10	-0.3527	34.4729	2	10	172.0118 ✓	17.23645 ✓
FWD	06		Bottom Slip BP (BP2)	Rosemount	1221F2VL7B1B	2310	+/- 10	0.0028	6.8869	1	0	0.0028 ✓	6.8869 ✓
FWD	07		Bottom Slip DBPM (DBPM2)	Rosemount	1221F2AF8B1B	2318	0 - 10	-1.9627	34.4847	2	10	170.4608 ✓	17.24235 ✓
FWD	08		Left Dewpoint (DPL)	EdgeTech	137-C3 Ext. Range	1685 / 018269	0 - 5	-100.37	30.041	4	10	-25.2675 ✓	7.51025 ✓
FWD	09		Right Dewpoint (DPR)	EdgeTech	137-C3 Ext. Range	1686 / 018268	0 - 5	-100.5	30.052	4	10	-25.37 ✓	7.513 ✓
FWD	0a		Total Temp #3 (TT3)	Rosemount	102LJ2AG w/ 510GB41E	A32555/0202	+/- 10	-0.1575	6.9931	1	0	-0.1575 ✓	6.9931 ✓
FWD	0b		Total Temp #2 (TT2)	Rosemount	102CL2AZ w/ 510GB43E	A20245 / 0199	+/- 10			1	0	0.0000	0.0000
FWD	0c		Total Temp #4 (TT4)	Rosemount	102CP2AF w/ 510GB41E	A6786 / 0141	+/- 10	0.0542	7.0261	1	0	0.0542 ✓	7.0261 ✓
FWD	0d		Total Temp #1 (TT1)	Rosemount	102CP2AF w/ 510GB41E	A18367/0140	+/- 10	0.2124	7.0005	1	0	0.2124 ✓	7.0005 ✓
FWD	0e		Static Pressure #1 (PS1M)	Rosemount	1281AF2B1B	588	0 - 10	-0.5869	108.3262	2	10	541.0441 ✓	54.1631 ✓
FWD	0f		Dynamic Pressure #1 (QC1M)	Rosemount	1281AF2B1B	588	0 - 10	-0.0815	33.8826	2	10	169.3315 ✓	16.9413 ✓
FWD	10		Static Pressure #2 (PS2M)	Rosemount	1281AF2B1B	826	0 - 10	-2.4031	108.3794	2	10	539.4939 ✓	54.1897 ✓
FWD	11		Dynamic Pressure #2 (QC2M)	Rosemount	1281AF2B1B	826	0 - 10	-0.3861	33.8788	2	10	169.0079 ✓	16.9394 ✓
FWD	12		Cr-2 Hygrometer	Buck	CR-2	207	0 - 10	-150	20	2	10	-50	10
FWD	13		Cr-2 Hygrometer Pressure	Buck	CR-2	207	0 - 10	100	100	2	10	600	50
FWD	14		Cr-2 Hygrometer Balance	Buck	CR-2	207	0 - 10	0	1	1	0	0.0000	1.0000
AFT	0		Cabin Pressure (PCAB)	Vaisala	PTB220	W3120002	0 - 5	500	120	4	10	800	30

C1' = (C2' x Vos) + C1
C2' = C2 / G
Units = C1 + C2*Vadc

*Note: This table has been modified from the official assignment sheet.
If the numbers contained in columns C1' and C2' are green, then they are actually C1 & C2 and are not calculations of C1' or C2'. They were copied over to make it easier to read when checking the calibration coefficients in Nimbus.