

Model:

G36

A/C Serial Number:

E-3929

Registration Number:

N6029V

Subject: Federal Aviation Regulations System Checks

I certify that the altimeter and static system test required by FAR Part 91.411 have been performed. Static System Test Date <u>02-26-2010</u>.

ALTIMETERS:								
L/H S/N:	N/A	Date	N/A	Tested to	N/A	Feet		
R/H S/N:	N/A	Date	N/A	Tested to	N/A	Feet		
STDBY S/N:	472468	Date	12-01-09	Tested to	35,000	Feet		
AIR DATA COMPUTER:								
L/H S/N:	20607862	Date	02-26-10	Tested to	35,000	Feet		
R/H S/N:	N/A	Date	N/A	Tested to	N/A	Feet		
Emergency Lo	Emergency Locator Transmitter Battery to be replaced on or before:							

FAR 91.217 Testing of Attitude Recording Equipment complied with:

LH Altimeter S/N:	N/A
RH Altimeter S/N:	N/A
Stdby Altimeter S/N:	472468
L/H Air Data Computer S/N:	20607862
R/H Air Data Computer S/N:	N/A

I certify that ATC Transponder Test and Inspection required by FAR Part 91.413 has been performed.

S/N:	89109413	Date Tested:	02-26-10
S/N:	N/A	Date Tested:	N/A

Date: 04-07-2010

Dale W. Dodd

For Hawker Beechcraft Corporation

This aircraft has been flown by Hawker Beechcraft Corporation (HBC) Production Flight Test and is compliant to the requirements stated in 14 CFR 91.171. The omni directional receivers were found to be accurate within:

<u>±4</u> Degrees <u>Hu</u>T Place

Production Flight Test

Date <u>03-29-2010</u>



CRS# 2PJR099M ALTIMETER CALIBRATION RECORD

Customer Richard NEWMAN W.O. No. BP

Max. Calib. Alt. 20000 FT SIN 20607862 PINO 11-00882-10 MFGR. GARMIN GAC 744

Test	ı	cale	Encoder	Friction	Hyst.
Point	E	rror		Test	±75'
	±	Inst.	±125	± Inst.	50% 40%
			Feet		
-1000	20	-6015	-1000		
0	20	-15	0		
500	20	485	- View		
1000	20	985	1000	70	
1500	25	1485	1500		
2000	30	1985	2000	70 —	
3000	30	2985	3000	70 —	
4000	35	3985	4000		
5000	·=	4985	5000	70	
6000	40	5985	6000		
8000	60	7985	8000		7985
10000	80	9980	IDDUD	80 —	9980
12000	90	11980	12000		
14000	100	13980	14000		
15000	-	14980	15000	90	
16000	110	15980	16000		
18000	120	17975	18000	المستحد الأسال	
20000	130	19975	20000	100	
22000	140	\ /			
25000	155	\ /		120\ /	
30000	180			140	
35000	205	L V		160 🗸	
40000	230		\wedge	180 /	
45000	255				
50000	280			250/	

System Leak check:

Baro.

Set

Point

28.10

28.50

29.00

29.50

29.92

30.50

30.90

30.99

Non press. Aircraft leak: 100Ft/min @ +1K

-100520

Scale

Equiv.

-1727

-1340

-863

-392

0

531

893

974

Error

(±25')

-1740

5ZD

880

Inst. Read

□Press. Aircraft leak: 2%max alt dif.

□Case Leak: 100Ft/Min @ 18,000 Ft.

Inst. Changge: _9 _FT/MIN

After Effect ± 30':________________________

Note: Hysteresis Test Points

Max. Cal. Alt. 50%	40%	
<u>≱20k</u>	<u>10k</u>	<u>8k</u>
□ <u>25k</u>	12k	<u>10k</u>
□ <u>30k</u>	15k	12k
□ <u>35k</u>	<u>18k</u>	<u>14k</u>
□ <u>50k</u>	<u>25k</u>	<u>20k</u>

WORK REQUESTED: CHECK CAL. □ STATIC SYSTEM REP. □ TESTED IN COMPLIANCE WITH F.A.R. 43 APP E.
MAINTENANCE RELEASE SUPPLIED □

Test Equipment Used:

□ Castleberry

↑ DPS450

Serial Number: 0656

_Calibration Due 3 1 Ja しゅといり

Date: 75ul 2014

Technician:

Inspector:

Form AV2

04 AUG 2013



CRS# 2PJR099M **ALTIMETER CALIBRATION RECORD**

14 CFR Part 43 Appendix E

MFGR. UNITED Max. Calib. Alt. Zo Doof S/N 475820

Test		cale	Encoder	Friction	Hyst.	Baro.	Scale	Error
Point	E	rror		Test	±75'	Set	Equiv.	(±25')
	±	Inst.	±125	± Inst.	50% 40%	Point		Inst.
			Feet					Read
-1000	20	-1010	7			28.10	-1727	-1705
0	20	15	7			28.50	-1340	- 1335
500	20	515				29.00	-863	-840
1000	20	1020	\\(70 ZO		29.50	-392	-380
1500	25	1520				29.92	0	(5
2000	30	2015	7	70 25		30.50	531	540
3000	30	3020		70 25		30.90	893	905
4000	35	4020	\			30.99	974	990
5000	4	5015	5	70 30		0		
6000	40	6015				System L	eak check:	
8000	60	8005	1		8020	Man press	. Aircraft leal	c: 100Ft/min @ +1
10000	80	10010	1	80 35	10020			
12000	90	12015				□ Press. Air	craft leak: 2%	max alt dif.
14000	100					Caso Load	k: 100Ft/Min	@ 19 000 Et
15000	-	15020	1	90 35				_
16000	110	1605				ln:	st. Changge:	: _ ⁹ _FT/MIN
18000	120					A 51 - F55	4 1 001	うー
20000		20030	1	100 60		After Effec	t ± 30':	<u>ده</u>
22000	140	1				No.	ote: Hvsteres	sis Test Points
25000	155			120			_	
30000	180			140	Market State of the State of th		al. Alt.50%	40%
35000	205		\vee	160		<u>20k</u> □25k		<u>10k</u> <u>8k</u> 12k <u>10</u>
40000	230		\wedge	180		□ <u>30k</u>		15k 12
45000	255					□ <u>35k</u>		18k 14
50000	280			250/	1	□ <u>50k</u>		<u>25k</u> <u>201</u>

WORK REQUESTED: CHECK CAL.

STATIC SYSTEM REP. TESTED IN COMPLIANCE WITH F.A.R. 43 APP E. 🎉

Serial Number: DOSE Calibration Due 31 July 2014

Date: 7Jul2014 Technician:

Inspector:

Form AV2

04 AUG 2013



ATC TRANSPONDER TEST AND INSPECTION DATA (FAR 43 APPENDIX F)

Make: SARMIN Model: CTX 33	Serial#: <u>89109413</u>							
O(1-05779-) TRANSPONDER D								
Mode A Code: Mode C Code: SLS Reply at 0db: SLS Reply at 9db: Ident Test: Peak Power: Frequency: Pulse Width: Inter Spacing: Receiver Sensitivity MTL:	251 W 1089-81 Mhz -73,3 dbm							
MODE S AUTOMATIC TESTING PASS FAIL / N/A								
Transponder Test Set: TFR 6000	Calibration Date: 30 SEP Zo 13							
Date: 7 July 2014	Technician: Wulfalu							

Technician: Inspector:

AIRPLANE LOGBOOK

INSTRUMEN	NT, STAT	IC AND	AVIONIC	S CHECKS	-	_ v		
Aircraft Model	H	636			mber \mathcal{E}	3979		
Reg#	NING	29V		Owner's	Name	2121		
					37			
ITEM	DATE	HOURS	CYCLES	INSPECTED BY	COMPLYING AGENCY	NOTATIONS	NEXT DUE	
					AGENOT		DOL	
	-				•	ecutive Airport		
	₹©J E		CRS 2PJF	R099M		ycolin Rd Irg, VA 20175 ————		
Reg. Number	N229TT Date: 7/7/2014 Work Order: BP1-100520							
Make/Model: Ser. Number:	Beech G-3 E-3929	6			Hobbs: Tach:	388.6		
					3 and found all systems			
					armin GDC74A p/n 011 onder p/n 011-00779-1			
89109413	,	,,						
					RRENT FEDERAL AVIATI JRN TO SERVICE, PERTIN			
OF THE REPAIR ARE O						-		
	(ν		- 500	Signature -		
LOG ID# 433	n 1005 Syc 9 23-Augus	olin Rd SE L t-2016 WO#	eesburg Exe	cutive Arpt Lees II M3 HOBBS 56	burg, VA 20175 C 6.5	RS# 6LVR604C		
	N E-3929		36			Pg 1 / 1		
> Removed the	GTX 33 p/n	011-00779-10	0 s/n 891094	13 and sent to f	actory for ES upg	rade. Reinstalled		
configuration	33 p/n U11-(. Loaded cor Garmin Pilo1	00//9-30 s/n nfiguration : with GDL-39	89109413. B files and te 9. The insta	ackloaded softwa sted. Modes A/C/: lled ADS-R OUT s	re to version 6.1. S and ADSb Out op	L to match manifest check good using	_	
equipment per Weight and Ba Part 1.1.	formance red lance change	uirements of was neglig	f 14 CFR sec ible; this w	tion 91.227, and as a minor alter	IAW 14 CFR Part 4 ation IAW 14 CFR 2	rade. Reinstalled L to match manifest check good using o meet the 13 Appendix F. 21.93(a) and 14 CFR		
> Complied wi	th Riennial	TER Cortifi	sation in ac	eondones with est	n n 01 411	01 443 73		
parameters wi Max Altitude Garmin GTX-33	thin limits checked to 2 Transponder	of FAR Part 20,000 ft. P 7 p/n 011-002	43 Appendix ilot's GDC-74 779-30 s/n 89	E & F. Data Cori 4A ADC p/n 011-00 9109413 Standby	R Part 91.411 and respondence checke 0882-10 s/n 206078 United Altimeter	ed to 20,000 ft. 362 reported by		
173020.								
current manuf this repair s	acturers mar	iuais anu is	approved to	r return to serv	nt Federal Aviatio ice. Pertinent det	on Regulations and ails on file at		
Juno 1	2. Harl							
Signed: Tho	mas Herder	w						

AIRPLANE LOGBOOK

INSTRUMENT, STATIC AND AVIONICS CHECKS

	rcraft Model ————————————————————————————————————				Serial Number				
Reg# 				Owner's	Name				
ITEM	DATE	HOURS	CYCLES	INSPECTED BY	COMPLYING AGENCY	NOTATIONS		NEXT DUE	
		SkyWorld Avion 540-788-9300	nics LLC CRS 91	MIR		5083 Airport Road Midland, VA 22728	1		
		N_22977	Tach / Flight H	lour Recorder	5 97, 9 Test Da	te 10/10/2018			
		and transponde	er tests, includ	ling data correspor	ts required by 14 CFF ndence, required by § ort 43, appendices E a	§ 91.413, have been			
		Altimeter #1 Ma Altimeter #2 Ma	ake/Model <u>Gr</u> ake/Model <u>U</u>	ARMIN GDC74A	Serial No. #1 206 Serial No. #2 475	07862			
		Transponder Ma Encoder Make/N	ake/Model #2 Model <u>Garem</u>		Serial No 1 89/0 Serial No 2 786				
	B	Encoder data co Static system les	orrespondence ak tested of:_	e was Tested to 24	Date: 10/10/18	+ GMTD			
		ЛВПАСАТС		Cerun		/ 1 SA-Form-3			
		World Avionics	s LLC CRS 9	MIR		5060 Airport Road Midland, VA 22728	1		
	N <u>⊗</u>	₹29∏ Tach	/Flight Hour I	Recorder: <u>808.0</u>	Test Date: 10/6/				
	tran	isponder system	tests includin	ng data corresponde	quired by 14 CFR Parence required by §91 Appendices E & F	.413 have been			
	Alti	imeter #2 Make/	Model United	5934-3	Serial # <u>2060786</u> Serial # <u>475820</u> Serial # <u>8910941</u>				
	Enc	oder Make/Mod	del Garmin 6		Serial # 201007862				
		nature Znah rk Order No. 110	Huhms 187	Certif	ficate Number 9M1	CK CV 4 SA-Form-3	1		

AIRPLANE LOGBOOK

INSTRUMEN	NT, STAT	IC AND	AVIONIC	S CHECKS			
Aircraft Model	Beec	il G3	36	Serial Nu	mber <i>E</i>	- 3929	
Reg#	N 229	TT		Owner's		- 700 (
-	/	1 1) 		
ITEM	DATE	HOURS	CYCLES	INSPECTED BY	COMPLYING AGENCY	NOTATIONS	NEXT DUE
Avionics	Systems, L	LC 823D S.	King St. Le	esburg, VA 201	75 FAA CRS 27A	R086B (703) 669-2669	
Registrati	on	N229	TT				
— Make	i	BEECHL	DAFT				4
Model SN		G-36 E-3929	7				
Hobbs		389.4					
Date		1-10-2	.3			(
w.o.#_		1523				"	/ -/-
					1 1.1.		
The follow	wing altimet	er(s), transpo	onder(s), pitc	ot/static systems,	and altitude repor	ting systems were tested comply with FAR 43	
	es E and F	FAR 91.41	1 and 91.413	and these system	is were found to t	omply with FAR 45	
Altimeter	1 Mal	ce: LATZA	UN P	N:011-008	82-10	S/N: 2060 7862	-
— Altimeter	2 Mal	ce: UNITE	FD P	N: 5934-	3	S/N: 475820	
Transpon	der 1 Mal	ce: 6-A-R	MN PA	N: 011-007	19-30	S/N: 89109413	
Transpon	der 2 Mal	ce:	P/	N:		S/N:	
Encoder 1		ce: GARA		N: 011-008		S/N:20607862	
Encoder 2	2 Mal	ce:	P/	N:		S/N:	
Signed (1 , 1		A				
Signed_\		1 2		-			-
							
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AIRPLANE LOGBOOK

INSTRUMENT, STATIC AND AVIONICS CHECKS

Aircraft Model				Serial Nu ——	ımber ————	(9)	
Reg#				Owner's	Name ———		
ITEM	DATE	HOURS	CYCLES	INSPECTED BY	COMPLYING AGENCY	NOTATIONS	NEXT DUE
Performed 1- Documentati Performed 1- Replaced lea Performed P Performed 1 Installation 8 The aircraft i	ion. 4 CFR 91.411 A king Pitot Hose itot/Static Syste 4 CFR 91.411 A koperational cl dentified was r for return to se THE ALTIMETE JIPMMENT TES I CFR 91.411, I FORMED. THE ALTITUDE N# N229TT	crs#200 crs#20	Passed. tion IAW CFR 43 Passed. tion IAW CFR 43 ed with, ref; AC4 pected in accord to work perform ALTITUDE CTIONS PPENDIX E, HAS BEEN EET	Winch SUPPOR 1(54) 1(54) 143 Appendix F; refered Appendix E; Failed. Appendix E; Reference 13.13-1B with change dance with current Reled. Pertinent details CERTIFICATION NUM DATE: I CERTIFY THA CFR 91.413, I. PERFORMED. DATE 1/28/2 A/C Total Time INSPECTOR ON WING LLC	gulations of the Federa of the repair are on file of the repair are on the r	cation ion Documentation. al Aviation Agency and e at this Repair ER TEST REQUIRED BY 14 DIX F, HAS BEEN	