

Hawker Beechcraft Corporation

Aircraft Maintenance Record

Tail Number: N62GM Serial Number: E-1713
Work Order Number: 2996 Date: 05/06/2015

Perform 91.411/91.413 Bi-Annual Checks:

Performed tests required by 14CFR Part 91.413 in accordance with paragraph (c) Appendix E and Appendix F of 14CFR Part 43.

Transponder (GTX-327) - P/N- 011-00455-00 S/N- 84135392

Altimeter(s), Altitude Reporting equipment and Static system required by 14CFR Part 91.411 have been performed in accordance with 14CFR Part 43 Appendix E.

Air Data Computer (GDC-74A) - P/N- 011-00882-10 S/N- 20607672
Standby Altimeter - P/N- 5934-1 S/N- 71924

The aircraft and/or component listed on this WO 2996 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.

Temple Electronics Co. Inc.
8484 Scranton St
Houston, TX 77061
CRS XD1R608K

SIGNED: John Hall

INSTRUMENT, STATIC

Aircraft Model _____

Reg# _____

ITEM	DATE	DESCRIPTION	PERFORMED BY	APPROVED BY	REMARKS	STATUS	REMARKS

LOGBOOK ENTRY FORM

QUALITY AVIONICS

9619 WRIGHT DRIVE, MIDLAND, TEXAS 79706

FAA REPAIR STATION QA9R719J

4/10/2019 BEECHCRAFT A36 S/N E-1713 N62GM TACH: 4073.8HRS HM: 4097.3HRS
TESTED PILOT'S ALTIMETER SYSTEM CONSISTING OF GARMIN GDC-74A AIRDATA COMPUTER P/N 011-00882-10 S/N 20607672 AND GDU-620 DISPLAY P/N 011-01264-50 S/N 165200247 FOR ACCURACY IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E TO 20KFT. TESTED STBY ALTIMETER UNITED P/N 5934-1 S/N T1924 FOR ACCURACY IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E TO 20KFT. AD 74-24-13, AD 86-05-02, AND AD 2017-04-06 IS N/A BY SERIAL NUMBER. TESTED GARMIN GTX-330 MODE 'S' TRANSPONDER FOR PROPER OPERATION IN ACCORDANCE WITH FAR 91.413 PART 43 APPENDIX F. UNIT HAS SOFTWARE VERSION 6.11 AND AD 2005-01-19 IS N/A BY SOFTWARE VERSION. TESTED PITOT/STATIC SYSTEM FOR LEAKS IN ACCORDANCE WITH FAR 91.411. TESTED #1 AND #2 VORS FOR ACCURACY. BOTH CHECK GOOD +- 1 DEGREE. SEE ATTACHED CERTIFICATION TAGS. SIGNED Donald Hayden QUALITY AVIONICS FAA REPAIR STATION QA9R719J

LOGBOOK ENTRY FORM

QUALITY AVIONICS

9619 WRIGHT DRIVE, MIDLAND, TEXAS 79706

FAA REPAIR STATION QA9R719J

5/6/2019/ BEECHCRAFT A36 S/N E-1713 N62GM TACH: 4073.8HRS HM: 4097.3HRS
COMPLIED WITH GARMIN G500 INSTRUCTIONS FOR CONTINUED AIRWORTHINESS IAW GARMIN DOCUMENT 190-00601-00. COMPLIED WITH GARMIN GNS-430W INSTRUCTIONS FOR CONTINUED AIRWORTHINESS IAW GARMIN DOCUMENT 190-00356-65. COMPLIED WITH GARMIN GTS-800 INSTRUCTIONS FOR CONTINUED AIRWORTHINESS IAW GARMIN DOCUMENT 190-00993-01. COMPLIED WITH GDL-69A INSTRUCTIONS FOR CONTINUED AIRWORTHINESS IAW GARMIN DOCUMENT 190-00355-02. SEE QUALITY AVIONICS WORK ORDER# 10798 DATED 5/6/2019 FOR ADDITIONAL INFORMATION. SIGNED Donald Hayden QUALITY AVIONICS FAA CRS QA9R719J

QUALITY AVIONICS
P.O. BOX 61281
MIDLAND, TEXAS 79711-1281
FAA REPAIR STATION QA9R719J

UNIT <u>ALTIMETER</u>		W.O.# <u>10765</u>	P/N <u>5934-1</u>	S/N <u>T1924</u>	DATE <u>4-10-19</u>
ALTITUDE	SCALE ERROR	FRICTION	CHECK		RESULT
-1000	0	OK	CASE LEAK AT 18KFT		-25
0	+5		HYSTERESIS AT 50%		25
500	0		HYSTERESIS AT 40%		10
1000	0		AFTER EFFECT AT AMBIENT		5
1500	0		BAROMETRIC SCALE ERROR		
2000	0		IN HG	CAL ALT	IND. ALT. ERROR
3000	0		28.10	-1727	1720
4000	-10		28.50	-1340	1330
5000	-15		29.00	-863	860
6000	-20		29.50	-392	380
7000	-15		29.92	0	
8000	70		30.50	+531	535
9000	0		30.90	+893	885
10000	+10		30.99	+974	980
12000	+20		ALTITUDE CORRESPONDENCE TEST		
14000	+35				
15000	+25				
16000	+20				
18000	+20				
20000	0				
22000					
25000					
30000					
35000					
40000					
45000					
50000					

QUALITY AVIONICS
P.O. BOX 61281
MIDLAND, TEXAS 79711-1281
FAA REPAIR STATION QA9R719J

UNIT <u>AIRDATA</u>		W.O.# <u>10765</u>	P/N <u>011-00882-10</u>	S/N <u>20607672</u>	DATE <u>4-10-19</u>
ALTITUDE	SCALE ERROR	FRICTION	CHECK		RESULT
-1000	-14	OK	CASE LEAK AT 18KFT		-10
0	-14		HYSTERESE AT 50%		1
500	-14		HYSTERESE AT 40%		1
1000	-14		AFTER EFFECT AT AMBIENT		1
1500	-14	BAROMETRIC SCALE ERROR			
2000	-13		IN HG	CAL ALT	IND. ALT. ERROR
3000	-13		28.10	-1727	
4000	-14		28.50	-1340	
5000	-14		29.00	-863	
6000	-14		29.50	-392	
7000	-13		29.92	0	
8000	-13		30.50	+531	
9000	-12		30.90	+893	
10000	-12		30.99	+974	
12000	-12		ALTITUDE CORRESPONDENCE TEST		OK
14000	-10		N/A		
15000	-10				
16000	-10				
18000	-9				
20000	-9	Y			
22000					
25000					
30000					
35000					
40000					
45000					
50000					

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

INSTRUMENT, STATIC AND AVIONICS CHECKS

Aircraft Model _____ Serial Number _____
 Reg# _____ Owner's Name _____

ITEM	DATE	HOURS	CYCLES	INSPECTED BY	COMPLYING AGENCY	NOTATIONS	NEXT DUE
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LOGBOOK ENTRY FORM
 QUALITY AVIONICS
 9619 WRIGHT DRIVE, MIDLAND, TEXAS 79706
 FAA REPAIR STATION QA9R719J

5/8/2019/ BEECHCRAFT A36 S/N E-1713 N62GM TACH: 4073.8HRS HM: 4097.3HRS
 REPLACED DEFECTIVE BATTERY IN STBY ATTITUDE INDICATOR P/N 4300-411 S/N A10-10622 AND OPS TESTED
 GOOD. BATTERY MANUFACTURE DATE IS 04/2019. SIGNED Donald Haynes QUALITY AVIONICS
 FAA REPAIR STATION QA9R719J

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
 LOG ID# 1540 26-November-2019 WO# 4125 SA 20
 N62GM S/N E-1713 BEECH A36 TACH 4090.6 Pg 1 / 2

Model: GTX 330 Part#: 011-00455-00 Serial#: 84135392

ACTION: Garmin GTX 330 P/N 011-00455-00 S/N 84135392 was upgraded to Extended Squitter under Garmin International RMA# R117078536.

GTX 330 Upgrade performed as per STC SA01714WI. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-18/28. The following manuals were used for reference:
 GTX 330 Installation Manual P/N 190-00734-10 Rev 13 August 2019.

All wiring meets requirements of AC 43.13-18 chapter 11. Wiring was routed and secured as per AC 43.13-18 chapter 11. Circuit protection was used as per AC 43.13-18 chapter 11. Electrical load does not exceed limits as per AC 43.13-18 chapter 11. Wiring also meets requirements of AC 43.13-2B chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-18 chapter 11. All effected systems were tested accordingly to show compliance with 14 CFR 23.1301.

FAA Approved Flight Manual Supplement for the GTX 330ES P/N 190-00734-15 Rev 5 September 2019 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation.

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
 LOG ID# 1540 26-November-2019 WO# 4125 SA 20
 N62GM S/N E-1713 BEECH A36 TACH 4090.6 Pg 2 / 2

The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

Jerry Huntley 11/26/19
 5ECR951Y Jerry Huntley Date

SERVICE BULLETIN/
 SERVICE INSTRUCTION
 COMPLIANCE LOG