

Aircraft Record General Information

Manufacturer BEECH Model 95-B55

Serial TC-1730 Registration Number N42HF

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer TCM Model I0550E1 Serial 681060 Left

Manufacturer TCM Model I0550E1 Serial 681061 Right

Propeller(s) currently installed:

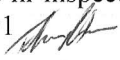
Manufacturer Hartzell Model EHC-G37F-24F

HUB Model _____ Serial FJ355B Left Serial FJ359B Right

Blade Model FC7663DB-4T Left Serial J47483 Serial J47485 Serial J47482

Blade Model FC7663DB-4T Right Serial J40292 Serial J51103 Serial J51102

6

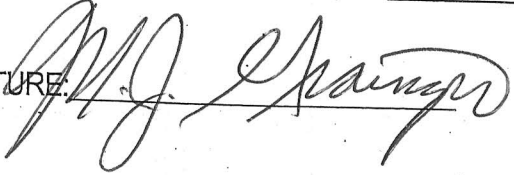
YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>30 Mar 2013, 414.9 Hobbs / 3444.9 TTAF, Janitrol Heater Hobbs 848.3 / 156.3 TIS. Removed and reinstalled Left engine throttle assembly; see engine maintenance records for details. Lubricated and adjusted Left throttle and mixture control cables. Repaired Left airbox by installation of sheet metal doublers. Replaced Left MLG lift leg bushing with new P/N 60-810040. Installed new MLG inboard door actuator rod bushings, 2 each P/N 58-810015-1, P/N 105739-D-ZT0250, P/N 105739-S-XE0137, and new bolts P/N 130909B84. Replaced NWS actuator rod end with new P/N 131553-4M. Installed new NWS idler arm bolt P/N AN24-25M, bushings (2) P/N 105740X-ZL0104, washers (2) P/N 100951S032XL, collar P/N 35-825051, and clevis pin P/N MS20392-1C25. Adjusted rigging of MLG doors, uplock and downlock cables. Serviced aircraft 100 hr lubrication items. Serviced & charged aircraft batteries. Cleaned fuel strainer screens & heater fuel pump strainer. Serviced Left & Right prop unfeathering accumulators to 100 psi. Cleaned induction air filters IAW Donaldson SI P46-9075, due replacement IAW AD 84-26-02 at 3674.6 TTAF. Wing spar structure inspection due at 3795.6 TTAF IAW AD 90-08-14. CW AD 76-07-12 by test of left ignition switch (N/A right switch), next due 3544.9 hr aircraft TIS. AD 2004-21-05 Janitrol heater pressure decay test due at 500 hr TIS. CW ELT inspection & test per FAR 91-207(d), battery replacement due Mar 2014 on main unit, Jan 2016 on remote. I certify that this aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 </p>

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 3/30/2013 I certify this Aircraft has been
inspected in accordance with a Annual
inspection and was determined to be in an airworthy condition
and approved for return to service.

Total Time: 3444.9 Tach: _____

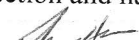
NAME: M. J. GRAINGER A&P 1278275 IA

SIGNATURE: 

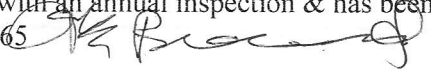
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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
— — —				30 Jul 2013, 438.5 Hobbs / 3468.5 TTAF. Cleaned, inspected, & treated pneumatic deicer boots with Goodrich AgeMaster and ShineMaster products. CW Beechcraft SB 32-4125 regarding NLG retract mechanism. Subject parts not installed on this aircraft, no further action required. T. Humes A&P 2635991 
— — —				3 Sep 2013, 441.6 Hobbs / 34471.6 TTAF. Replaced Left propeller control cable with new P/N 50-389010-29 cable and 2 new P/N 131765-1F rod ends. Removed, cleaned, inspected, and reinstalled Left bake assembly with new MS28775-222 and MS28775-012 o-rings. T. Humes A&P 2635991 
— — —				19 Nov 2013, 467.1 Hobbs / 3497.1 TTAF. Removed JPI EDM-760 P/N 760000-6C-A, S/N 2832 and reinstalled after repair by J.P. Instruments, #PT1274NM, under work order #40526 dated 15 Nov 2013. T. Humes A&P 2635991 
— — — — —				20 Dec 2013, 471.2 Hobbs / 3501.2 TTAF. Removed Left vacuum pump, cleaned out vacuum lines and installed replacement pump P/N 442CW, S/N 01GP07, overhauled by Aero Accessories, Cert #YV4R688M under W/O I01GP-0000. T. Humes A&P 2635991 

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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01 Apr 2014, 487.2 Hobbs / 3517.2 TTAF, Janitrol Heater Hobbs 854.6 / 162.6 TIS.
 Replaced Right alternator belt with new P/N 539547-31.19. Replaced left wingtip position bulb
 with new P/N A7512-24. Replaced cracked vacuum line between main filter and attitude
 indicator. Repaired rotating beacon with serviceable parts. Serviced aircraft 100 hr lubrication
 items. Serviced & charged aircraft batteries. Cleaned fuel strainer screens & heater fuel pump
 strainer. Serviced Left & Right prop unfeathering accumulators to 100 psi. Cleaned induction air
 filters IAW Donaldson SI P46-9075, due replacement IAW AD 84-26-02 at 3674.6 TTAF.
 Wing spar structure inspection due at 3795.6 TTAF IAW AD 90-08-14. CW AD 76-07-12 by
 test of left ignition switch (N/A right switch), next due 3617.2 hr aircraft TIS. AD 2004-21-05
 Janitrol heater pressure decay test due at 500 hr TIS. CW ELT inspection & test per FAR 91-
 207(d), battery replacement due Mar 2016 on main unit, Jan 2016 on remote. I certify that this
 aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an
 airworthy condition. T. Humes A&P 2635991 

04/01/2014 TTA/C 3517.2 Hobbs 487.2.

I certify that this aircraft has been inspected in accordance with an annual inspection & has been
 found to be in airworthy condition. A.E.Brillaud IA 1191065 

01 May 2014, 489.0 Hobbs / 3519.0 TTAF, Removed Left airbox and reinstalled after repair by
 installation of sheet metal doublers. T. Humes A&P 2635991 

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				12 May 2014, 490.3 Hobbs, 3520.3 TTAF. Removed KX165 Navcom and reinstalled after repair by Quest Avionics, RS #QVNR604L, under w/o 16931, dated 7 May 2014. T. Humes A&P 2635991 <i>T. Humes</i>
				06 Aug 2014, 504.8 Hobbs, 3534.8 TTAF. Activated and installed two new Gill G-25 aircraft batteries S/N G02828401 and G02828406 IAW Gill service instruction TBP 1560 rev H. T. Humes A&P 2635991 <i>T. Humes</i>
				15 Aug 2014, 505.6 Hobbs, 3535.6 TTAF. Replaced seals on both fuel tank caps with new MS29513-010 and MS29513-338 o-rings. T. Humes A&P 2635991 <i>T. Humes</i>
				18 Nov 2014, 532.5 Hobbs, 3562.5 TTAF. Removed MLG wheel assemblies; cleaned, inspected, and touched up paint IAW Cleveland Service Guide. Cleaned, inspected, and repacked MLG wheel bearings. Reassembled with 650-8 retread tires, P/N 658C86-4, S/Ns 20182325 (Left) & 90220156 (Right) and new tubes. T. Humes A&P 2635991 <i>T. Humes</i>
				10 Jan 2015, 540.4 Hobbs, 3570.4 TTAF. Removed hand crank shaft housing from landing gear actuator assembly. Cleaned, inspected, and reinstalled with new MS28775-111 o-ring. T. Humes A&P 2635991 <i>T. Humes</i>

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19 Jan 2015, 545.0 Hobbs, 3575.0 TTAf. Removed Left MLG brake assembly. Cleaned, inspected, and reassembled with new MS28775-222 and MS28775-012 O-ring seals, and reinstalled on aircraft. T. Humes A&P 2635991 *T. Humes*

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Altimeter(s) and encoder(s) were checked IAW FAR 43, Appendix E, Paragraph B and C. I certify that the static pressure system(s), altimeter(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraphs A, B and C and comply with FARs 91.411 and 91.217 (b)

#1 Transponder KT74 S/N 00722

#2 Transponder KT76A S/N 73419

#1 Altimeter S/N 7266 tested to 20,000 ft

#2 Altimeter S/N _____ tested to _____ ft

Encoder S/N N14429 tested to 20,000 ft

W/O 17211 Date 2-13-15

Signature *T. Humes*

QUEST AVIONICS, INC. Registration N42HF

FAA REPAIR STATION QVNR604L Hobbs Reads 550.4

OCALA, FL 34474 A/C Total Time _____

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Altimeter(s) and encoder(s) were checked IAW FAR 43, Appendix E, Paragraph B and C. I certify that the static pressure system(s), altimeter(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraphs A, B and C and comply with FARs 91.411 and 91.217 (b)

#1 Transponder	KT74	S/N	00722	
#2 Transponder	KT76A	S/N	73419	
#1 Altimeter S/N	L9182	tested to	20,000	ft
#2 Altimeter S/N	6E581	tested to	20,000	ft
#1 Encoder S/N	N14429	tested to	20,000	ft
#2 Encoder S/N	53444	tested to	20,000	ft
W/O	17211	Date	2-13-15	

Signature

QUEST AVIONICS, INC.

Registration

N42HF

FAA REPAIR STATION QVNR604L

Hobbs Reads

550.4

OCALA, FL 34474

A/C Total Time

QUEST AVIONICS, INC.

FAA Repair Station No. QVNR604L

ALTIMETER CORRECTION CARD

Reference Altitude in Ft.	Altimeter Reads	Error (feet)	Reference Altitude in Ft.	Altimeter Reads	Error (feet)
-1,000	-1,000	0	14,000	14,000	0
0	0	0	15,000	15,000	0
500	500	0	16,000	16,005	5
1,000	1,000	0	18,000	18,000	0
1,500	1,500	0	20,000	2,000	-###
2,000	2,000	0	22,000		-###
3,000	3,000	0	25,000		-###
4,000	4,005	5	30,000		-###
5,000	5,005	5	35,000		-###
6,000	6,000	0	40,000		-###
8,000	8,000	0	45,000		-###
10,000	10,000	0	50,000		-###
12,000	12,000	0			

Altimeter P/N EFD1000 S/N 7266
 Tested to 20,000 Certified to 20,000 Date 2/13/2015 W.O. # 17211

QUEST AVIONICS, INC.

FAA Repair Station No. QVNR604L

ENCODER TRANSITION CARD

Reference Altitude in Ft.	Encoder Chg. Pt.	Reference Altitude in Ft.	Encoder Chg. Pt.
-1,000	-950	14,000	13,950
0	-50	15,000	14,950
500	450	16,000	15,950
1,000	950	18,000	17,950
1,500	1,450	20,000	19,950
2,000	1,950	22,000	
3,000	2,950	25,000	
4,000	3,950	30,000	
5,000	4,950	35,000	
6,000	5,950	40,000	
8,000	7,950	45,000	
10,000	9,950	50,000	
12,000	11,950		

P/N SSD120-30N Date 2/13/2015
 S/N N14429 W.O. # 17211

QUEST AVIONICS, INC.
 FAA Repair Station No. QVNR604L

ALTIMETER CORRECTION CARD

Reference Altitude in Ft.	Altimeter Reads	Error (feet)	Reference Altitude in Ft.	Altimeter Reads	Error (feet)
-1,000	-995	5	14,000	13,990	-10
0	0	0	15,000	14,995	-5
500	505	5	16,000	15,995	-5
1,000	995	-5	18,000	18,000	0
1,500	1,505	5	20,000		-###
2,000	1,990	-10	22,000		-###
3,000	2,990	-10	25,000		-###
4,000	3,990	-10	30,000		-###
5,000	4,985	-15	35,000		-###
6,000	5,985	-15	40,000		-###
8,000	7,990	-10	45,000		-###
10,000	9,980	-20	50,000		-###
12,000	11,990	-10			

Altimeter P/N 5934P-1A.63 S/N L9182
 Tested to 20,000 Certified to 20,000 Date 2/13/2015 W.O. # 17211

QUEST AVIONICS, INC.
 FAA Repair Station No. QVNR604L

ENCODER TRANSITION CARD

Reference Altitude in Ft.	Encoder Chg. Pt.	Reference Altitude in Ft.	Encoder Chg. Pt.
-1,000	-945	14,000	13,965
0	-45	15,000	14,965
500	460	16,000	15,965
1,000	960	18,000	17,965
1,500	1,460	20,000	19,965
2,000	1,960	22,000	
3,000	2,960	25,000	
4,000	3,960	30,000	
5,000	4,965	35,000	
6,000	5,965	40,000	
8,000	7,955	45,000	
10,000	9,965	50,000	
12,000	11,950		

P/N SSD120-30N Date 2/13/2015
 S/N N14429 W.O. # 17211

QUEST AVIONICS, INC.
 FAA Repair Station No. QVNR604L

ALTIMETER CORRECTION CARD

Reference Altitude in Ft.	Altimeter Reads	Error (feet)	Reference Altitude in Ft.	Altimeter Reads	Error (feet)
-1,000	-1,015	-15	14,000	14,010	10
0	0	0	15,000	15,015	15
500	500	0	16,000	19,010	###
1,000	1,000	0	18,000	18,030	30
1,500	1,505	5	20,000	20,040	40
2,000	2,005	5	22,000		-###
3,000	3,000	0	25,000		-###
4,000	4,000	0	30,000		-###
5,000	5,005	5	35,000		-###
6,000	6,010	10	40,000		-###
8,000	8,010	10	45,000		-###
10,000	10,005	5	50,000		-###
12,000	12,010	10			

Altimeter P/N 5934PA-1A.86 S/N 6E581
 Tested to 20,000 Certified to 20,000 Date 2/13/2015 W.O. # 17211

QUEST AVIONICS, INC.
 FAA Repair Station No. QVNR604L

ENCODER TRANSITION CARD

Reference Altitude in Ft.	Encoder Chg. Pt.	Reference Altitude in Ft.	Encoder Chg. Pt.
-1,000	-955	14,000	13,930
0	-50	15,000	14,950
500	445	16,000	15,950
1,000	945	18,000	17,950
1,500	1,445	20,000	19,940
2,000	1,950	22,000	
3,000	2,945	25,000	
4,000	3,950	30,000	
5,000	4,950	35,000	
6,000	5,935	40,000	
8,000	7,930	45,000	
10,000	9,930	50,000	
12,000	11,930		

P/N AR850 Date 2/13/2015
 S/N 53444 W.O. # 17211

QUEST AVIONICS, INC.

FAA Repair Station No. QVNR604L

Date 2/13/2015

W.O. # 17211

ALTIMETER CORRECTION / ENCODER CORRELATION CARD

Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer
-1,000	-1,000	-950	14,000	14,000	13,950
0	0	-50	15,000	15,000	14,950
500	500	450	16,000	16,005	15,950
1,000	1,000	950	18,000	18,000	17,950
1,500	1,500	1,450	20,000	2,000	19,950
2,000	2,000	1,950	22,000		
3,000	3,000	2,950	25,000		
4,000	4,005	3,950	30,000		
5,000	5,005	4,950	35,000		
6,000	6,000	5,950	40,000		
8,000	8,000	7,950	45,000		
10,000	10,000	9,950	50,000		
12,000	12,000	11,950			

Altimeter P/N EFD1000

S/N 7266

Certified to 20,000

Encoder P/N SSD120-30N

S/N N14429

Correlated to 20,000

QUEST AVIONICS, INC.

FAA Repair Station No. QVNR604L

Date 2/13/2015

W.O. # 17211

ALTIMETER CORRECTION / ENCODER CORRELATION CARD

Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer
-1,000	-1,015	-970	14,000	14,010	13,945
0	0	-50	15,000	15,015	14,965
500	500	445	16,000	19,010	15,965
1,000	1,000	950	18,000	18,030	17,980
1,500	1,505	1,450	20,000	20,040	19,980
2,000	2,005	1,955	22,000		
3,000	3,000	2,945	25,000		
4,000	4,000	3,950	30,000		
5,000	5,005	4,965	35,000		
6,000	6,010	5,945	40,000		
8,000	8,010	7,945	45,000		
10,000	10,005	9,940	50,000		
12,000	12,010	11,940			

Altimeter P/N 5934PA-1A.86

S/N 6E581

Certified to 20,000

Encoder P/N AR850

S/N 53444

Correlated to 20,000

QUEST AVIONICS, INC.

FAA Repair Station No. QVNR604L

Date 2/13/2015

W.O. # 17211

ALTIMETER CORRECTION / ENCODER CORRELATION CARD

Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer
-1,000	-995	-950	14,000	13,990	13,950
0	0	-50	15,000	14,995	14,960
500	505	450	16,000	15,995	15,960
1,000	995	960	18,000	18,000	17,950
1,500	1,505	1,460	20,000		19,960
2,000	1,990	1,960	22,000		
3,000	2,990	2,950	25,000		
4,000	3,990	3,950	30,000		
5,000	4,985	4,950	35,000		
6,000	5,985	5,950	40,000		
8,000	7,990	7,950	45,000		
10,000	9,980	9,945	50,000		
12,000	11,990	11,950			

Altimeter P/N 5934P-1A.63

S/N L9182

Certified to 20,000

Encoder P/N SSD120-30N

S/N N14429

Correlated to 20,000


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2/13/2015 Hobbs 550.4 Removed King KT-76 Transponder.
Installed Bendix/King KT-74 Mode S Transponder with ADS-B Out as per manufacturer's specifications, AC43.13-1B, and AC43.13-2B. Installed I/A/W STC # SA00765DE. Form 337 made and a copy retained at this Repair Station. Weight and Balance change negligible. FMS provided and installed in aircraft. **Performed** Garmin Service Bulletin # 1461 Rev. A on GNS-530W s/n 2382391 for main software level 5.20 for ADS-B. I certify that this aircraft and/or appliance identified was repaired/altered and inspected in accordance with current FAA Regulations and for the work performed was found airworthy and is approved for return to service.

Quest Avionics, Inc **Work Order #17211**
Ocala, Florida 34477
CRS # QVNR604L

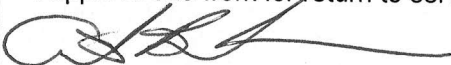
Signature: 

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26 Feb 2015, 550.8 Hobbs / 3580.8 TTAF. Removed, disassembled, cleaned, and inspected RMLG strut. Replaced o-rings P/N MS28778-5, MS28775-227, & MS28775-328, retainers P/N MS28774-328, scraper seal P/N 504271, retainer rings P/N RRN237C, and felt pad P/N 35-815247-9. Reinstalled with new MLG attach bolts NAS148A67 & NAS148A69, and hinge bushings P/N 38-815250 and 10DU12. Serviced strut with Mil-H-5606 hydraulic fluid and nitrogen. Replaced RMLG retract rod shear pin with new P/N 60-810082-3.
 T. Humes A&P 2635991 

3-23-2015
 N42HF, TC-1730

Stripped, cleaned, treated, epoxy primed, and painted left elevator with Matterhorn white.
 Balance check at 17.9 in-lbs.
 I approve this work for return to service.



Curtis Boulware
 A&P3232817IA

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FAA PART 145 REPAIR STATION #U5LRO68X

OVERHAULED RH ELEVATOR EXCEPT TRIM TABS BY TREATING AND PRIMING FRAME AND REPLACING ALL MAGNESIUM PARTS USING SRS AVIATION LLC ALUMINUM SKIN KIT I/AW STC SA02172CH. ALUMINUM FITTINGS INSTALLED COMPLY WITH AD 89-05-02. ELEVATOR PAINTED AND BALANCED 15.0 RH. ELEVATOR NOT INSTALLED BY SRS. The aircraft and/or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details for the repair are on file at this agency under Work Order # R1503006

Authorized Signature

Date: 19 MAR 15



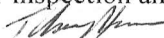
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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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29 Mar 2015, 553.4 Hobbs / 3583.4 TTAF, Janitrol Heater Hobbs 858.9 / 166.9 TIS.

Removed left elevator for repainting and balancing by George Baker Aviation, see entry above dated 23 Mar 2015. Reinstalled with new mid hinge bearing and bolt, P/Ns MS27645-3A & 130909B193. Removed right elevator and replaced with unit overhauled with aluminum skin by SRS Aviation, RS#U5LRO68X, IAW STC SA02172CH under w/o R1503006, see entry above and FAA form 337 dated 19 Mar 2015. Installed with new mid hinge bolt P/N 130909B193 and outboard hinge bolt and bushing, P/Ns AN23-14 & 35-600003. Adjusted elevator and tab rigging. Calculated new aircraft empty weight & balance as follows:

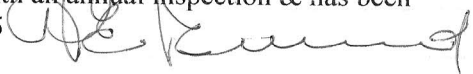
Basic Empty Weight	3503.9 lb
Basic Empty Weight CG	78.0 in
Moment	273334 in-lb

Replaced NLG tire & tube with new P/N 505C66-5, S/N 41032276, & P/N GL-5067. Replaced left heated fuel vent assembly with new Beech P/N 60-381002. Installed new intake air filters P/N P12-8219, due replacement IAW AD 84-26-02 at 4083.4 TTAF. Manufactured new floorboards from marine plywood and installed with new hardware. Weight & balance change negligible. Replaced 5 instrument panel lights and tail position light with new bulbs. Adjusted tension on both alternator belts. Repaired right engine aft outboard baffle plate with sheet metal doubler. Serviced aircraft 100 hr lubrication items. Serviced & charged aircraft batteries. Cleaned fuel strainer screens & heater fuel pump strainer. Serviced Left & Right prop unfeathering accumulators to 100 psi. Wing spar structure inspection due at 3795.6 TTAF IAW AD 90-08-14. CW AD 76-07-12 by test of left ignition switch (N/A right switch), next due 3683.4 hr aircraft TIS. AD 2004-21-05 Janitrol heater pressure decay test due at 500 hr TIS. CW ELT inspection & test per FAR 91-207(d), battery replacement due Mar 2023 on main unit, Jan 2016 on remote. I certify that this aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

YEAR MO DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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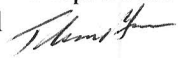
03/29/2015 TTA/C 3583.4 Hobbs 553.4/

I certify that this aircraft has been inspected in accordance with an annual inspection & has been found to be in airworthy condition. A.E.Brillaud IA 1191065

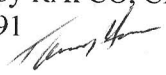


16 Apr 2015, 556.1 Hobbs / 3586.1 TTAF. Removed FCS-810 autopilot components: Computer Amplifier P/N 4000288-8504, S/N 3749, Control Unit P/N 4000256-8501, S/N 1197, and Pitch Servo P/N 4000291-8503, S/N 3095. Computer Amplifier and Control Unit were repaired and replacement Pitch Servo S/N 2444 inspected by CE Avionics, CRS #OE4R411M, under w/o 69960-1 dated 15 Apr 2015. Reinstalled components and tested autopilot.

T. Humes A&P 2635991



02 May 2015, 557.7 Hobbs / 3587.7 TTAF. Removed Left vacuum pump, cleaned out vacuum lines and installed replacement pump P/N 442CW, S/N 156337, overhauled by RAPCO, CRS #NE5R064N under W/O 156337 dated 15 Oct 2013. T. Humes A&P 2635991




19 Nov 2015, 615.9 Hobbs / 3645.9 TTAF. Removed Right vacuum pump, cleaned out vacuum lines and installed replacement pump P/N 442CW, S/N 162645, overhauled by RAPCO, CRS #NE5R064N under W/O 162645 dated 23 Jan 2015. Replaced Left engine outboard aft engine mount with new P/N 634673 and installed new alternator belt P/N 539547-31.19.

T. Humes A&P 2635991



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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01 Apr 2016, 629.2 Hobbs / 3659.2 TTAF, Janitrol Heater Hobbs 864.9 / 172.9 TIS. Removed Nose Gear Shimmy Damper & reinstalled after disassembly, cleaning, inspection, & reassembly with new o-rings P/N MS28775-6 (2), MS28775-12 (2), & MS28775-115 (4). Removed Landing Gear motor and installed P/N 96-380022-5, S/N 2298 overhauled by Cruiseair Aviation, RS #LF3R655L under w/o 6500-04-2015 dated 29 Apr 2015; repacked gearbox with Aeroshell 22 grease. Replaced aft rod ends on Left & Right outboard MLG doors with new P/Ns MM-4 and adjusted door rigging. Reversed MLG tires on wheel assemblies to even out wear. Adjusted # 1 & 2 voltage regulators. Cleaned induction air filters IAW Donaldson SI P46-9075, due replacement IAW AD 84-26-02 at 4083.4 TTAF. Adjusted tension on Left & Right alternator belts. Serviced aircraft 100 hr lubrication items. Serviced & charged aircraft batteries. Cleaned fuel strainer screens & heater fuel pump strainer. Serviced Left & Right prop unfeathering accumulators to 100 psi. Wing spar structure inspection due at 3795.6 TTAF IAW AD 90-08-14. CW AD 76-07-12 by test of left ignition switch (N/A right switch), next due 3759.2 hr aircraft TIS. AD 2004-21-05 Janitrol heater pressure decay test due at 500 hr TIS. CW ELT inspection & test per FAR 91-207(d), battery replacement due Mar 2023 on main unit, Mar 2024 on remote. I certify that this aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

N42HF

BE-95-B55

s/n TC-1730

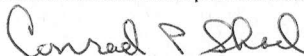
Date April 1, 2016

Tach Time 3659.2


I certify that this airframe has been inspected in accordance with an Annual Inspection and determined to be in airworthy condition.

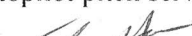
Conrad Pierson Shad


A&P 1525270 IA.

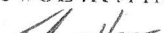


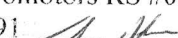
YEAR MO DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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14 Jun 2016, 644.7 Hobbs / 3674.7 TTAF. Replaced pilot's storm window seal with new PMA P/N ADS1200-17. Removed surface corrosion from forward cargo compartment left floorboard; treated with Alodine and zinc phosphate primer. Cleaned prop anti-ice pump filter, flushed system and serviced with 2 gallons of fluid. T. Humes A&P 2635991 

21 Jun 2016, 657.4 Hobbs / 3687.4 TTAF. Replaced autopilot pitch servo with serviceable unit, P/N 4000291-8503, S/N 3795. T. Humes A&P 2635991 

11 Jul 2016, 670.0 Hobbs / 3700.0 TTAF. Repaired right engine aft outboard baffle by installation of sheet metal patches. T. Humes A&P 2635991 

12 Sep 2016, 684.1 Hobbs / 3714.1 TTAF. Removed FCS-810 autopilot Computer Amplifier P/N 4000288-8504, S/N 3749, and Control Unit P/N 4000256-8501, S/N 1197. Reinstalled after repair by CE Avionics, RS #OE4R411M, under w/o 72103-SB dated 12 Sep 2016. T. Humes A&P 2635991 

17 Sep 2016, 684.4 Hobbs / 3714.4 TTAF. Removed left fuel boost pump and installed replacement unit P/N 4404-00-7NV, S/N 4752, overhauled by Aeromotors RS #01MR357Y, under w/o M1608129 dated 15 Aug 2016. T. Humes A&P 2635991 

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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9/20/2016 Installed Aspen software update on EFD-1000 s/n 7266 to level 2.8.2 as per Service Bulletin SB2015-05. Installed Aspen Angle of Attack (AOA) unlock into system I/A/W STC # 10822SC. System tested and found to perform satisfactory. New FMS and ICA provided to Owner. I certify that this aircraft and/or appliance identified was repaired/altered and inspected in accordance with current FAA Regulations and for the work performed was found airworthy and is approved for return to service.


Quest Avionics, Inc.


Work Order #17812

Ocala, Florida 34477

CRS # QVNR604L

Signature: 

3 Feb 2017, 715.2 Hobbs / 3745.2 TTAF. See Right Engine maintenance records for details of #2 cylinder repair. Flight Check required IAW CM Pub M-0. T. Humes A&P 2635991 

3 Feb 2017, 716.8 Hobbs / 3746.8 TTAF. Flight Check for right engine #2 cylinder repair accomplished IAW CM Pub M-0. No discrepancies noted. T. Humes A&P 2635991 

YEAR NO DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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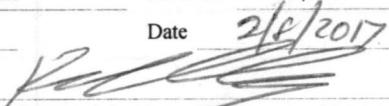
2/8/2017 Hobb 717.2 Upgraded software in Aspen EFD-1000 s/n 7266 to level MAP V2.9 and IOP V2.1 as per Aspen Service Bulletin # SB2016-05. Also replaced EFD-1000 internal backup battery. I certify that this aircraft and/or appliance identified was repaired/alterd and inspected in accordance with current FAA Regulations and for the work performed was found airworthy and is approved for return to service.

Quest Avionics, Inc. Work Order #17931
 Ocala, Florida 34477
 CRS # QVNR604L


Signature: 

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Altimeter(s) and encoder(s) were checked IAW FAR 43, Appendix E, Paragraph B and C. I certify that the static pressure system(s), altimeter(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraphs A, B and C and comply with FARs 91.411 and 91.217 (b)

#1 Transponder	KT-74	S/N	00722	
#2 Transponder	KT-76A	S/N	73419	
Altimeter S/N	7266	tested to	20,000	ft
Encoder S/N	N14429	tested to	20,000	ft
W/O	17931	Date	2/8/2017	

Signature: 

QUEST AVIONICS, INC.	Registration	N42HF
FAA REPAIR STATION QVNR604L	Hobbs Reads	717.2
OCALA, FL 34474	A/C Total Time	

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Altimeter(s) and encoder(s) were checked IAW FAR 43, Appendix E, Paragraph B and C. I certify that the static pressure system(s), altimeter(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraphs A, B and C and comply with FARs 91.411 and 91.217 (b)</p> <p>#1 Transponder KT-74 S/N 00722</p> <p>#2 Transponder KT-76A S/N 73419</p> <p>#1 Altimeter S/N L9182 tested to 20,000 ft</p> <p>#2 Altimeter S/N 6E581 tested to 20,000 ft</p> <p>#1 Encoder S/N N14429 tested to 20,000 ft</p> <p>#2 Encoder S/N 53444 tested to 20,000 ft</p> <p>W/O 17931 Date 2/8/2017</p> <p>Signature </p> <p>QUEST AVIONICS, INC. Registration N42HF</p> <p>FAA REPAIR STATION QVNR604L Hobbs Reads 717.2</p> <p>OCALA, FL 34474 A/C Total Time</p>

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Altimeter(s) and encoder(s) were checked IAW FAR 43, Appendix E, Paragraph B and C. I certify that the static pressure system(s), altimeter(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraphs A, B and C and comply with FARs 91.411 and 91.217 (b)

#1 Transponder	KT-74	S/N	00722
#2 Transponder	KT-76A	S/N	73419
Altimeter S/N	7266	tested to	20,000 ft
Encoder S/N	N14429	tested to	20,000 ft
W/O	17931	Date	2/8/2017

Signature

QUEST AVIONICS, INC.

Registration N42HF

FAA REPAIR STATION QVNR604L

Hobbs Reads 717.2

OCALA, FL 34474

A/C Total Time

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Altimeter(s) and encoder(s) were checked IAW FAR 43, Appendix E, Paragraph B and C. I certify that the static pressure system(s), altimeter(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraphs A, B and C and comply with FARs 91.411 and 91.217 (b)

#1 Transponder	KT-74	S/N	00722
#2 Transponder	KT-76A	S/N	73419
#1 Altimeter S/N	L9182	tested to	20,000 ft
#2 Altimeter S/N	6E581	tested to	20,000 ft
#1 Encoder S/N	N14429	tested to	20,000 ft
#2 Encoder S/N	53444	tested to	20,000 ft
W/O	17931	Date	2/8/2017

Signature

QUEST AVIONICS, INC.

Registration N42HF

FAA REPAIR STATION QVNR604L

Hobbs Reads 717.2

OCALA, FL 34474

A/C Total Time

W.O. # 17931

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

Date 2/08/2017

ALTIMETER CORRECTION / ENCODER CORRELATION CARD

Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer
-1,000	-1,000	-950	14,000	14,005	13,950
0	0	-50	15,000	15,000	14,950
500	500	450	16,000	16,010	15,950
1,000	1,000	950	18,000	18,000	17,950
1,500	1,500	1,450	20,000	20,010	19,950
2,000	2,000	1,950	22,000		
3,000	3,000	2,950	25,000		
4,000	4,000	3,950	30,000		
5,000	5,005	4,950	35,000		
6,000	6,000	5,950	40,000		
8,000	7,995	7,950	45,000		
10,000	10,000	9,950	50,000		
12,000	12,005	11,950			

Altimeter P/N EFD-1000 S/N 7266 Certified to 20,000Encoder P/N SSD120-30N S/N N14429 Correlated to 20,000

W.O. # 17931

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

Date 2/08/2017

ALTIMETER CORRECTION / ENCODER CORRELATION CARD

Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer
-1,000	-995	-950	14,000	13,980	13,940
0	0	-50	15,000	14,970	14,940
500	500	450	16,000	15,990	15,940
1,000	985	950	18,000	18,000	19,940
1,500	1,510	1,450	20,000	19,960	19,940
2,000	1,980	1,950	22,000		
3,000	2,970	2,950	25,000		
4,000	3,990	3,950	30,000		
5,000	4,985	4,950	35,000		
6,000	5,980	5,950	40,000		
8,000	7,990	7,950	45,000		
10,000	9,940	9,950	50,000		
12,000	11,980	11,940			

Altimeter P/N 5934P-1A.63 S/N L9182 Certified to 20,000Encoder P/N SSD-120-30N S/N N14429 Correlated to 20,000

W.O. # 17931

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

Date 2/08/2017

ALTIMETER CORRECTION / ENCODER CORRELATION CARD

Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer
-1,000	-1,005	-960	14,000	14,010	13,940
0	0	-50	15,000	14,990	14,940
500	500	450	16,000	16,010	15,940
1,000	990	950	18,000	18,020	17,960
1,500	1,510	1,450	20,000	20,010	19,960
2,000	1,990	1,950	22,000		
3,000	2,990	2,950	25,000		
4,000	3,990	3,950	30,000		
5,000	4,990	4,940	35,000		
6,000	6,010	5,940	40,000		
8,000	8,005	7,940	45,000		
10,000	9,990	9,940	50,000		
12,000	12,005	11,940			

Altimeter P/N 5934PA-1A.86 S/N 6E581 Certified to 20,000Encoder P/N AR-850 S/N 53444 Correlated to 20,000

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ALTIMETER CORRECTION CARD

Reference Altitude in Ft.	Altimeter Reads	Error (feet)	Reference Altitude in Ft.	Altimeter Reads	Error (feet)
-1,000	-1,000	0	14,000	14,005	5
0	0	0	15,000	15,000	0
500	500	0	16,000	16,010	10
1,000	1,000	0	18,000	18,000	0
1,500	1,500	0	20,000	20,010	10
2,000	2,000	0	22,000		-###
3,000	3,000	0	25,000		-###
4,000	4,000	0	30,000		-###
5,000	5,005	5	35,000		-###
6,000	6,000	0	40,000		-###
8,000	7,995	-5	45,000		-###
10,000	10,000	0	50,000		-###
12,000	12,005	5			

Altimeter P/N EFD-1000 S/N 7266
Tested to 20,000 Certified to 20,000 Date 2/08/2017 W.O. # 17931

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ENCODER TRANSITION CARD

Reference Altitude in Ft.	Encoder Chg. Pt.	Reference Altitude in Ft.	Encoder Chg. Pt.
-1,000	-950	14,000	13,950
0	-50	15,000	14,950
500	450	16,000	15,950
1,000	950	18,000	17,950
1,500	1,450	20,000	19,950
2,000	1,950	22,000	
3,000	2,950	25,000	
4,000	3,950	30,000	
5,000	4,950	35,000	
6,000	5,950	40,000	
8,000	7,590	45,000	
10,000	9,950	50,000	
12,000	11,950		

P/N SSD120-30N Date 2/08/2017
S/N N14429 W.O. # 17931

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ALTIMETER CORRECTION CARD

Reference Altitude in Ft.	Altimeter Reads	Error (feet)	Reference Altitude in Ft.	Altimeter Reads	Error (feet)
-1,000	-995	5	14,000	13,980	-20
0	0	0	15,000	14,970	-30
500	500	0	16,000	15,990	-10
1,000	985	-15	18,000	18,000	0
1,500	1,510	10	20,000	19,960	-40
2,000	1,980	-20	22,000		-###
3,000	2,970	-30	25,000		-###
4,000	3,990	-10	30,000		-###
5,000	4,985	-15	35,000		-###
6,000	5,980	-20	40,000		-###
8,000	7,990	-10	45,000		-###
10,000	9,940	-60	50,000		-###
12,000	11,980	-20			

Altimeter P/N 5934P-1A.63 S/N L9182
Tested to 20,000 Certified to 20,000 Date 2/08/2017 W.O. # 17931

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ENCODER TRANSITION CARD

Reference Altitude in Ft.	Encoder Chg. Pt.	Reference Altitude in Ft.	Encoder Chg. Pt.
-1,000	-950	14,000	13,940
0	-50	15,000	14,940
500	450	16,000	15,940
1,000	950	18,000	19,940
1,500	1,450	20,000	19,940
2,000	1,950	22,000	
3,000	2,950	25,000	
4,000	3,950	30,000	
5,000	4,950	35,000	
6,000	5,950	40,000	
8,000	7,950	45,000	
10,000	9,950	50,000	
12,000	11,940		

P/N SSD-120-30N Date 2/08/2017
S/N N14429 W.O. # 17931

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ALTIMETER CORRECTION CARD

Reference Altitude in Ft.	Altimeter Reads	Error (feet)	Reference Altitude in Ft.	Altimeter Reads	Error (feet)
-1,000	-1,005	-5	14,000	14,010	10
0	0	0	15,000	14,990	-10
500	500	0	16,000	16,010	10
1,000	990	-10	18,000	18,020	20
1,500	1,510	10	20,000	20,010	10
2,000	1,990	-10	22,000		-###
3,000	2,990	-10	25,000		-###
4,000	3,990	-10	30,000		-###
5,000	4,990	-10	35,000		-###
6,000	6,010	10	40,000		-###
8,000	8,005	5	45,000		-###
10,000	9,990	-10	50,000		-###
12,000	12,005	5			

Altimeter P/N 5934PA-1A.86 S/N 6E581
Tested to 20,000 Certified to 20,000 Date 2/08/2017 W.O. # 17931


QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ENCODER TRANSITION CARD

Reference Altitude in Ft.	Encoder Chg. Pt.	Reference Altitude in Ft.	Encoder Chg. Pt.
-1,000	-960	14,000	13,940
0	-50	15,000	14,940
500	450	16,000	15,940
1,000	950	18,000	17,960
1,500	1,450	20,000	19,960
2,000	1,950	22,000	
3,000	2,950	25,000	
4,000	3,950	30,000	
5,000	4,940	35,000	
6,000	5,940	40,000	
8,000	7,940	45,000	
10,000	9,940	50,000	
12,000	11,940		

P/N AR-850 Date 2/08/2017
S/N 53444 W.O. # 17931

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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21 Apr 2017, 725.4 Hobbs / 3755.4 TTAF, Janitrol Heater Hobbs 872.4 / 180.4 TIS. Replaced Right aft fuel drain valve with new P/N FDV4 P1S, S/N 150189. Replaced forward, inboard rod ends on Left & Right outboard MLG doors with new P/Ns MM-4 and adjusted door rigging. Replaced MLG brake pads with 8 new P/N RA66-44s. Cleaned deice boots and treated with Goodrich Agemaster and Shinemaster products. Cleaned induction air filters IAW Donaldson SI P46-9075, due replacement IAW AD 84-26-02 at 4083.4 TTAF. Adjusted tension on Left & Right alternator belts. Repaired Left engine outboard aft baffle crack with sheet metal doubler. Serviced aircraft 100 hr lubrication items. Serviced & charged aircraft batteries. Cleaned fuel strainer screens & heater fuel pump strainer. Serviced Left & Right prop unfeathering accumulators. CW AD 90-08-14 by inspection of the wing forward spar carry-through web structure in accordance with the SB 2269R1; no cracks found, next due 4255.4 hr TIS. CW AD 76-07-12 by test of left ignition switch (N/A right switch), next due 3855.4 hr aircraft TIS. AD 2004-21-05 Janitrol heater pressure decay test due at 500 hr TIS. CW ELT inspection & test per FAR 91-207(d), battery replacement due Mar 2023 on main unit, Mar 2024 on remote. I certify that this aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

N42HF BE-95-B55 s/n TC-1730 Date April 21, 2017 Tach Time 3755.4

I certify that this airframe has been inspected in accordance with an Annual Inspection and determined to be in airworthy condition.

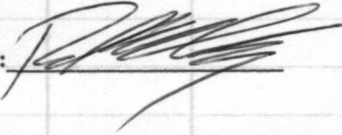
Conrad Pierson Shad A&P 1525270 IA. 


YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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18 Aug 2017, 746.2 Hobbs / 3776.2 TTAF. Removed right fuel boost pump and installed replacement unit P/N 4404-00-7NV, S/N 3631, overhauled by Dukes RS #WU2R279L, under w/o 709049 dated 25 Sep 2007. Replaced right heated fuel vent with new Beech P/N 60-381002. T. Humes A&P 2635991 

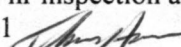
1/4/2018 Hobbs 775.2 Total Time 3805.2 Exchanged Aspen EFD-1000 s/n 7266 with refurbished unit s/n 9710668 as per manufacturer's specifications. I certify that this aircraft and/or appliance identified was repaired/altered and inspected in accordance with current FAA Regulations and for the work performed was found airworthy and is approved for return to service.

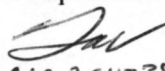
Quest Avionics, Inc. Work Order #8277
Ocala, Florida 34477
CRS # QVNR604L

Signature: 

05 Feb 2018, 777.2 Hobbs / 3807.2 TTAF. Replaced Right wing upper root seal with new P/N 115092-10500. T. Humes A&P 2635991 

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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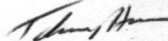
23 Apr 2018, 787.4 Hobbs / 3817.4 TTAF, Janitrol Heater Hobbs 874.1 / 182.1 TIS. Cleaned induction air filters IAW Donaldson SI P46-9075, due replacement IAW AD 84-26-02 at 4083.4 TTAF. Replaced Right alternator belt & adjusted tension on Left belt. Replaced Left airbox support brace. Repaired crack in Right airbox by installation of a sheet metal doubler. Replaced Left #2 EGT probe clamp. Adjusted Right uplock block. Removed battery S/N G02828401, activated and installed new Gill G-25 battery S/N G02953426 IAW Gill service instruction TBP 1560 rev H. Serviced aircraft 100 hr lubrication items. Cleaned fuel strainer screens. Serviced Left & Right prop unfeathering accumulators. CW AD 2017-16-01 & FAR 91-207(d) by inspection & test of Ameri-King AK-450, next due Apr 2019. ELT battery replacement due Mar 2023 on main unit, Mar 2024 on remote. CW AD 76-07-12 by test of left ignition switch (N/A right switch), next due 3917.4 hr aircraft TIS. AD 2004-21-05 Janitrol heater pressure decay test due at 500 hr TIS. Wing spar structure inspection due at 4255.4 TTAF IAW AD 90-08-14. I certify that this aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

23 Apr 2018, 787.4 Hobbs / 3817.4 TTAF. I certify that this aircraft has been inspected IAW an annual inspection and has been determined to be in an airworthy condition. 
 Brian Kelly A&P 2611779 IA

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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20 Jul 2018, 804.1 Hobbs / 3834.1 TTAF. Replaced fuel vent heater CB with new P/N W31X2M1G5. Replaced Left aft fuel drain valve with new P/N FDV4-P1S, S/N 170006. Replaced Right aft fuel drain line with new tubing & fittings. T. Humes A&P 2635991

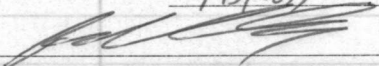


14 Aug 2018, 806.9 Hobbs / 3836.9 TTAF. Removed Right propeller and reinstalled with new P/N A-2044 nuts and A-1381 washers after inspection and repair of start lock by In Flight Propeller Service, #I51R027Y, under work order #10789 dated 7 Aug 2018. Installed Marsh Brothers Baron NLG door hinge bushing kit M1005B, S/N 536-046, IAW STC SA03853NY and Installation Instruction II0005, see FAA Form 337 dated 10 Aug 2018. Replaced anti-ice pump with new P/N 58-920054-11 and flushed system. Repaired Left engine Left magneto p-lead by installation of new terminal. T. Humes A&P 2635991



18 Dec 2018, 843.8 Hobbs, 3873.8 TTAF. Removed MLG wheel assemblies; cleaned, inspected, and touched up paint IAW Cleveland Service Guide. Cleaned, inspected, and repacked MLG wheel bearings. Reassembled with 650-8 retread tires, P/N 658C86-4, S/Ns 51502343 (Left) & 42642097 (Right) and new tubes. T. Humes A&P 2635991



YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<p>The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Altimeter(s) and encoder(s) were checked IAW FAR 43, Appendix E, Paragraph B and C. I certify that the static pressure system(s), altimeter(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraphs A, B and C and comply with FARs 91.411 and 91.217 (b)</p>				
	#1 Transponder	KT-74	S/N	00722
	#2 Transponder	KT-76A	S/N	73419
	#1 Altimeter S/N	9710668	tested to	20,000 ft
	#2 Altimeter S/N	L9182	tested to	20,000 ft
	#1 Encoder S/N	N14429	tested to	20,000 ft
	#2 Encoder S/N	53444	tested to	20,000 ft
	W/O	18732	Date	2/13/2019
		Signature		
	QUEST AVIONICS, INC.		Registration	N42HF
	FAA REPAIR STATION QVNR604L		Hobbs Reads	849.5
	OCALA, FL 34474		A/C Total Time	
	<p>clp Alt. S/N 6E561 20,000</p>			

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Altimeter(s) and encoder(s) were checked IAW FAR 43, Appendix E, Paragraph B and C. I certify that the static pressure system(s), altimeter(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraphs A, B and C and comply with FARs 91.411 and 91.217 (b)

#1 Transponder KT-74 S/N 00722
 #2 Transponder KT-76A S/N 73419
 #1 Altimeter S/N 9710668 tested to 20,000 ft
 #2 Altimeter S/N L9182 tested to 20,000 ft
 #1 Encoder S/N N14429 tested to 20,000 ft
 #2 Encoder S/N 53444 tested to 20,000 ft
 W/O 18732 Date 2/13/2019

Signature 

QUEST AVIONICS, INC. Registration N42HF

FAA REPAIR STATION QVNR604L Hobbs Reads 849.5

OCALA, FL 34474 A/C Total Time _____

CLP ALT. S/N 6E581 20,000

QUEST AVIONICS, INC. FAA Repair Station No. QVNR604L						Date
W.O. # 18732						2/13/2019
ALTIMETER CORRECTION / ENCODER CORRELATION CARD						
Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	
-1,000	-1,000	-950	14,000	13,980	13,955	
0	0	-50	15,000	14,975	14,960	
500	500	450	16,000	15,980	15,955	
1,000	1,000	950	18,000	17,990	17,960	
1,500	1,505	1,450	20,000	19,980	19,960	
2,000	1,990	1,950	22,000			
3,000	2,980	2,950	25,000			
4,000	3,985	3,950	30,000			
5,000	4,985	4,950	35,000			
6,000	5,990	5,950	40,000			
8,000	7,990	7,950	45,000			
10,000	9,970	9,950	50,000			
12,000	11,970	11,955				

Altimeter P/N 5934P-1A.63 S/N L9182 Certified to 20,000
 Encoder P/N SSD-120-30N S/N N14429 Correlated to 20,000


QUEST AVIONICS, INC. FAA Repair Station No. QVNR604L						Date
W.O. # 18732						2/13/2019
ALTIMETER CORRECTION / ENCODER CORRELATION CARD						
Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	
-1,000	-1,000	-960	14,000	14,020	13,945	
0	0	-60	15,000	15,015	14,940	
500	500	460	16,000	16,020	16,950	
1,000	990	950	18,000	18,020	17,940	
1,500	1,505	1,450	20,000	20,030	19,955	
2,000	2,000	1,955	22,000			
3,000	3,000	2,955	25,000			
4,000	4,005	3,950	30,000			
5,000	5,010	4,960	35,000			
6,000	6,015	5,960	40,000			
8,000	8,010	7,960	45,000			
10,000	10,010	9,960	50,000			
12,000	12,010	11,950				


Altimeter P/N 5934PA-1A.86 S/N 6E581 Certified to 20,000
 Encoder P/N AR-850 S/N 53444 Correlated to 20,000



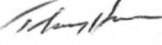
QUEST AVIONICS, INC. FAA Repair Station No. QVNR604L						Date
W.O. # 18732						2/13/2019
ALTIMETER CORRECTION / ENCODER CORRELATION CARD						
Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	
-1,000	-1,000	-950	14,000	14,005	13,955	
0	0	-50	15,000	15,010	14,960	
500	500	450	16,000	16,010	15,955	
1,000	1,000	950	18,000	18,000	17,960	
1,500	1,500	1,450	20,000	20,010	19,960	
2,000	2,000	1,950	22,000			
3,000	3,000	2,950	25,000			
4,000	4,000	3,950	30,000			
5,000	5,000	4,950	35,000			
6,000	6,000	5,950	40,000			
8,000	8,005	7,950	45,000			
10,000	10,005	9,950	50,000			
12,000	12,010	11,955				

Altimeter P/N EFD-1000 S/N 9710668 Certified to 20,000
 Encoder P/N SSD-120-30N S/N N14429 Correlated to 20,000

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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30 Apr 2019, 859.0 Hobbs / 3889.0 TTAF, Janitrol Heater Hobbs 876.0 / 184.0 TIS. Replaced induction air filters with new Donaldson P/Ns P12-8219, due replacement IAW AD 84-26-02 at 4389.0 TTAF. Replaced main vacuum filter with new P/N RA-D9-18-1 and regulator filters with two new P/Ns ARB3-5-1. Replaced Left alternator belt & adjusted tension on Right belt. Repaired cracked left engine inboard aft baffle by installation of a sheet metal doubler. Replaced Left #3 EGT probe clamp. Replaced LMLG lower lift leg hardware with new P/N 130909B265 bolt & P/N 58-810016-1 bushing. Installed Marsh Brothers Baron MLG door hinge bushing kit M1001, S/N 77-05, IAW STC SA03342NY and Installation Instruction II0002, see FAA Form 337 this date. Serviced aircraft 100 hr lubrication items. Cleaned fuel strainer screens. Serviced Left & Right prop unfeathering accumulators. CW AD 2017-16-01 & FAR 91-207(d) by inspection & test of Ameri-King AK-450, next due Apr 2020. ELT battery replacement due Dec 2024 on main unit, Mar 2024 on remote. CW AD 76-07-12 by test of left ignition switch (N/A right switch), next due 3989.0 hr aircraft TIS. AD 2004-21-05 Janitrol heater pressure decay test due at 500 hr TIS. Wing spar structure inspection due at 4255.4 TTAF IAW AD 90-08-14. I certify that this aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

30 Apr 2019, 859.0 Hobbs / 3889.0 TTAF. I certify that this aircraft has been inspected IAW an annual inspection and has been determined to be in an airworthy condition.
 Conrad P. Shad A&P 1525270 IA 

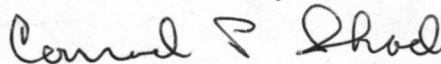
YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				03 Aug 2019, 896.0 Hobbs / 3926.0 TTAF, Janitrol Heater Hobbs 0.0 / 185.0 TIS. Replaced heater Hobbs with new P/N 85094, set at 0.0 hrs, heater TIS 185.0 hrs at this time. Inspected transponder installation. AD 2019-13-03 does not apply to this aircraft, KT-74 P/N 89000007-000001, S/N 00722 installed. Replaced Left Engine cylinder #1 EGT probe clamp. T. Humes A&P 2635991 
				27 Aug 2019, 896.8 Hobbs / 3926.8 TTAF. Removed Left MLG brake assembly. Cleaned, inspected, and reassembled with new MS28775-222 and MS28775-012 O-ring seals, and reinstalled on aircraft. T. Humes A&P 2635991 
				17 Oct 2019, 903.2 Hobbs / 3933.9 TTAF. Removed Right propeller and reinstalled with new P/N A-2044 nuts and A-1381 washers after replacement of anti-ice boots by In Flight Propeller Service, #I51R027Y, under work order #10972 dated 13 Oct 2019. T. Humes A&P 2635991 

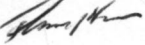

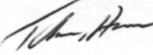

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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02 Apr 2020, 923.4 Hobbs / 3953.4 TTAF, Janitrol Heater Hobbs 0.3 / 185.3 TIS. Serviced aircraft 100 hr lubrication items. Cleaned fuel strainer screens. Serviced Left & Right prop unfeathering accumulators. Adjusted Left & Right alternator belt tension. Serviced & charged aircraft batteries. Replaced Left & Right brake disks with new Cleveland P/Ns 164-02706. Reversed MLG tires on wheel assemblies to even out wear. Replaced seals on both fuel tank caps with new MS29513-010 and MS29513-339 o-rings. Cleaned induction air filters IAW Donaldson SI P46-9075, due replacement IAW AD 84-26-02 at 4389.0 TTAF. CW AD 2017-16-01 & FAR 91-207(d) by inspection & test of Ameri-King AK-450, next due Apr 2021. ELT battery replacement due Dec 2024 on main unit, Mar 2024 on remote. CW AD 76-07-12 by test of left ignition switch (N/A right switch), next due 4053.4 hr aircraft TIS. AD 2004-21-05 Janitrol heater pressure decay test due at 500 hr TIS. Wing spar structure inspection due at 4255.4 TTAF IAW AD 90-08-14. I certify that this aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991



02 Apr 2020, 923.4 Hobbs / 3953.4 TTAF. I certify that this aircraft has been inspected IAW an annual inspection and has been determined to be in an airworthy condition.
Conrad P. Shad A&P 1525270 IA



YEAR NO DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	25 Apr 2020, 925.1 Hobbs / 3955.1 TTAF.			Removed panel mounted Astrotech clock, P/N AT420100. Installed yoke mounted Davtron P/N 800B-28V-CRM, S/N 33953 powered by hot battery bus through 0.25 amp fuse located in the nose baggage compartment below the courtesy light fuse. Lighting wired to instrument panel lighting circuit. Replaced coil cord from instrument panel to yoke with new Cygnet PMA P/N CA3934-24. Weight & balance change negligible. T. Humes A&P 2635991 
	23 Jul 2020, 934.7 Hobbs / 3964.7 TTAF.			Replaced Left outboard exhaust stack with new Knisley P/N K96-950002-75LOB. Repaired cracked Left engine outboard aft baffle with sheet metal doubler. Replaced Left exhaust clamp with new P/N 96-950011. See Left Engine maintenance records for details of #2 & 4 cylinder replacement. Flight Check required IAW CM Pub M-0. T. Humes A&P 2635991 
	24 Jul 2020, 935.6 Hobbs / 3965.6 TTAF.			Flight Check for Left engine #2 & 4 cylinder replacement accomplished IAW CM Pub M-0. No discrepancies noted. T. Humes A&P 2635991 
	05 Oct 2020, 944.4 Hobbs / 3974.4 TTAF.			Manufactured & installed replacement left & right landing light lens assemblies IAW FAR 21.303(b)(2) as owner produced parts. T. Humes, owner, A&P 2635991 

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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3/10/2021 Hobbs 960.6 Performed Software update on ASPEN EFD-1000 Pro Max s/n 9710668 to level v2.11 as per Service Bulletin # SB2020-03 and software update on Garmin GNS-530W s/n 23823291 to level 5.4 as per Service Bulletin # 1762. I certify that this aircraft and/or appliances identified were repaired/alterred and inspected in accordance with current FAA Regulations and for the work performed was found airworthy and is approved for return to service.

Quest Avionics, Inc.
Ocala, Florida 34477
CRS # QVNR604L

Work Order # 19405

Signature: 

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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3/10/2021 Hobbs 960.6 Removed Bendix/King KCS-55A HSI system. Installed Garmin GI-275 Electronic Display as per manufacturer's specifications, AC43.13-2B and AC43.13-1B. Unit installed I/A/W STC #SA02658SE, with aircraft listed on page 30 of 36 in AML. Form 337 made and a copy retained at this repair station. Flight Manual Supplement (FMS) installed in POH. Equipment List and Weight and Balance Data revised to reflect these changes, I certify that this aircraft and/or appliances identified were repaired/altered and inspected in accordance with current FAA Regulations and for the work performed was found airworthy and is approved for return to service.

Quest Avionics, Inc. Work Order # 19405
Ocala, Florida 34477
CRS # QVNR604L

Signature: 

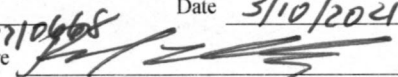
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Altimeter(s) and encoder(s) were checked IAW FAR 43, Appendix E, Paragraph B and C. I certify that the static pressure system(s), altimeter(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraphs A, B and C and comply with FARs 91.411 and 91.217 (b)

#1 Transponder	<u>KT-74</u>	S/N	<u>00722</u>	
#2 Transponder	<u>KT-76A</u>	S/N	<u>73419</u>	
#1 Altimeter S/N	<u>L9182</u>	tested to	<u>20,000</u>	ft
#2 Altimeter S/N	<u>6E581</u>	tested to	<u>20,000</u>	ft
#1 Encoder S/N	<u>N14429</u>	tested to	<u>20,000</u>	ft
#2 Encoder S/N	<u>53444</u>	tested to	<u>20,000</u>	ft

W/O 19405

Date 3/10/2024

EFD-1000 S/N 9710668
Signature 

QUEST AVIONICS, INC.

Registration N42HF

FAA REPAIR STATION QVNR604L

Hobbs Reads 960.6

OCALA, FL 34474

A/C Total Time _____

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ALTIMETER CORRECTION CARD

Reference Altitude in Ft.	Altimeter Reads	Error (feet)	Reference Altitude in Ft.	Altimeter Reads	Error (feet)
-1,000	-1,000	0	14,000	14,020	20
0	0	0	15,000	15,010	10
500	500	0	16,000	16,020	20
1,000	1,000	0	18,000	18,015	15
1,500	1,500	0	20,000	20,010	10
2,000	2,000	0	22,000		###
3,000	3,000	0	25,000		###
4,000	4,005	5	30,000		###
5,000	5,005	5	35,000		###
6,000	6,010	10	40,000		###
8,000	8,010	10	45,000		###
10,000	10,010	10	50,000		###
12,000	12,020	20			

Altimeter P/N 5934PA-1A-86

S/N 6E581

Tested to 20,000 Certified to 20,000 Date 3/10/2021 W.O. # 19405

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ENCODER TRANSITION CARD

Reference Altitude in Ft.	Encoder Chg. Pt.	Reference Altitude in Ft.	Encoder Chg. Pt.
-1,000	-960	14,000	13,950
0	-60	15,000	14,950
500	460	16,000	15,950
1,000	950	18,000	17,940
1,500	1,460	20,000	19,940
2,000	1,960	22,000	
3,000	2,960	25,000	
4,000	3,960	30,000	
5,000	4,950	35,000	
6,000	5,960	40,000	
8,000	7,960	45,000	
10,000	9,960	50,000	
12,000	11,960		

P/N AR-850

Date 3/10/2021

S/N 53444

W.O. # 19405

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ALTIMETER CORRECTION CARD

Reference Altitude in Ft.	Altimeter Reads	Error (feet)	Reference Altitude in Ft.	Altimeter Reads	Error (feet)
-1,000	-1,000	0	14,000	13,980	-20
0	0	0	15,000	14,980	-20
500	500	0	16,000	15,980	-20
1,000	1,000	0	18,000	17,980	-20
1,500	1,495	-5	20,000	20,010	10
2,000	2,000	0	22,000		###
3,000	3,000	0	25,000		###
4,000	3,980	-20	30,000		###
5,000	5,000	0	35,000		###
6,000	5,980	-20	40,000		###
8,000	7,980	-20	45,000		###
10,000	10,000	0	50,000		###
12,000	11,990	-10			

Altimeter P/N 5934P-1A-63

S/N L9182

Tested to 20,000 Certified to 20,000 Date 3/10/2021 W.O. # 19405

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

ENCODER TRANSITION CARD

Reference Altitude in Ft.	Encoder Chg. Pt.	Reference Altitude in Ft.	Encoder Chg. Pt.
-1,000	-950	14,000	13,960
0	-50	15,000	14,960
500	450	16,000	15,960
1,000	950	18,000	17,960
1,500	1,450	20,000	19,960
2,000	1,950	22,000	
3,000	2,950	25,000	
4,000	3,950	30,000	
5,000	4,950	35,000	
6,000	5,950	40,000	
8,000	7,950	45,000	
10,000	9,950	50,000	
12,000	11,950		

P/N SSD120-30N

Date 3/10/2021

S/N N14429

W.O. # 19405

W.O. # 19405

QUEST AVIONICS, INC.
FAA Repair Station No. QVNR604L

Date 3/10/2021

ALTIMETER CORRECTION / ENCODER CORRELATION CARD

Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer
-1,000	-1,000	-950	14,000	13,980	13,960
0	0	-50	15,000	14,930	14,960
500	500	450	16,000	15,980	15,960
1,000	1,000	950	18,000	17,980	17,960
1,500	1,495	1,450	20,000	20,010	19,960
2,000	2,000	1,950	22,000		
3,000	3,000	2,950	25,000		
4,000	3,980	3,950	30,000		
5,000	5,000	4,950	35,000		
6,000	5,980	5,950	40,000		
8,000	7,980	7,950	45,000		
10,000	10,000	9,950	50,000		
12,000	11,990	11,950			

Altimeter P/N 5934P-1A-63

S/N L9182

Certified to 20,000

Encoder P/N SSD120-30N

S/N N14429

Correlated to 20,000

QUEST AVIONICS, INC.

W.O. # 19405

FAA Repair Station No. QVNR604L

Date 3/10/2021

ALTIMETER CORRECTION / ENCODER CORRELATION CARD

Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer	Reference Altitude in Ft.	Altimeter Reads	Enc. Chg. Pt. Ref. Alt. Pointer
-1,000	-1,000	-960	14,000	14,020	13,950
0	0	-60	15,000	15,010	14,950
500	500	460	16,000	16,020	15,950
1,000	1,000	950	18,000	18,015	17,940
1,500	1,500	1,460	20,000	20,010	19,940
2,000	2,000	1,960	22,000		
3,000	3,000	2,960	25,000		
4,000	4,005	3,960	30,000		
5,000	5,005	4,950	35,000		
6,000	6,010	5,960	40,000		
8,000	8,010	7,960	45,000		
10,000	10,010	9,960	50,000		
12,000	12,020	11,960			

Altimeter P/N 5934PA-1A-86

S/N 6E581


Certified to 20,000

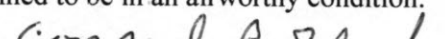
Encoder P/N AR-850

S/N 53444

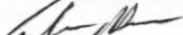
Correlated to 20,000


YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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19 Apr 2021, 965.4 Hobbs / 3995.4 TTAF, Janitrol Heater Hobbs 0.7 / 185.7 TIS. Serviced aircraft 100 hr lubrication items. Cleaned fuel strainer screens. Serviced Left & Right prop unfeathering accumulators. Adjusted Left & Right alternator belt tension. Serviced & charged aircraft batteries. Removed Left & Right brake assemblies, disassembled, cleaned, inspected, & reassembled with new o-rings P/Ns MS28775-222 & -012. Replaced Left & Right brake linings with new P/Ns RA66-44. Replaced remaining Curtis fuel drain valves with 4 new P/N FDV4-P1S valves, S/N 170003, 170004, 170005, & 150183. Replaced Right #2 EGT probe with new JPI P/N M111. Cleaned induction air filters IAW Donaldson SI P46-9075, due replacement IAW AD 84-26-02 at 4389.0 TTAF. CW AD 2017-16-01 & FAR 91-207(d) by inspection & test of Ameri-King AK-450, next due Apr 2022. ELT battery replacement due Dec 2024 on main unit, Mar 2024 on remote. CW AD 76-07-12 by test of left ignition switch (N/A right switch), next due 4095.4 hr aircraft TIS. AD 2004-21-05 Janitrol heater pressure decay test due at 500 hr TIS. Wing spar structure inspection due at 4255.4 TTAF IAW AD 90-08-14. I certify that this aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

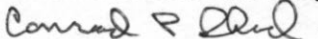
19 Apr 2021, 965.4 Hobbs / 3995.4 TTAF. I certify that this aircraft has been inspected IAW an annual inspection and has been determined to be in an airworthy condition.
Conrad P. Shad A&P 1525270 IA 

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
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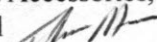
07 Sep 2021, 983.4 Hobbs / 4013.4 TTAF. Removed alcohol tank and reinstalled after weld repair of pinhole leak. Replaced anti-ice pump with new PMA P/N CA476284E-1, S/N 1489 and alcohol quantity sensor with new P/N 58-380006 S/N 1168. Replaced tank to pump aluminum feed tube. T. Humes A&P 2635991 

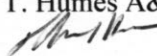
18 Apr 2022, 1015.5 Hobbs / 4045.5 TTAF, Janitrol Heater Hobbs 0.7 / 185.7 TIS. Serviced aircraft 100 hr lubrication items. Cleaned fuel strainer screens, heater fuel pump strainer, & anti-ice pump strainer. Drained, flushed, and serviced anti-ice tank. Serviced Left & Right prop unfeathering accumulators. Serviced & charged aircraft batteries. Repaired cracked defog plenum and modified it to prevent further damage. Replaced duct to defog plenum with new CEET tubing. Cleaned induction air filters IAW Donaldson SI P46-9075, due replacement IAW AD 84-26-02 at 4389.0 TTAF. CW AD 2017-16-01 & FAR 91-207(d) by inspection & test of Ameri-King AK-450, next due Apr 2023. ELT battery replacement due Dec 2024 on main unit, Mar 2024 on remote. CW AD 76-07-12 by test of left ignition switch (N/A right switch), next due 4145.5.4 hr aircraft TIS. AD 2004-21-05 Janitrol heater pressure decay test due at 500 hr TIS. Wing spar structure inspection due at 4255.4 TTAF IAW AD 90-08-14. I certify that this aircraft has been inspected IAW a 100 hr inspection and has been determined to be in an airworthy condition. T. Humes A&P 2635991 

18 Apr 2022, 1015.5 Hobbs / 4045.5 TTAF. I certify that this aircraft has been inspected IAW an annual inspection and has been determined to be in an airworthy condition.

Conrad P. Shad A&P 1525270 IA 

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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13 Sep 2022, 1055.9 Hobbs / 4085.9 TTAF. Replaced Right Tach Generator with P/N EM8000, S/N 31 overhauled by Quality Aircraft Accessories, QYIR334Y under W/O 34298 dated 28 Jun 2006. T. Humes A&P 2635991 

10 Dec 2022, 1063.3 Hobbs / 4093.3 TTAF. Replaced Right alternator belt with new P/N 539547-31.19. Removed battery S/N G02953426, activated and installed new Gill G-25 battery S/N G03168279 IAW Gill service instruction TBP 1560 rev I. T. Humes A&P 2635991 

Avionics Installations, Inc - FAACRS# G43R643N - WO# 52211

Aircraft Details:	
Registration:	N42HF
Contact Name:	HUMES THOMAS M
Contact Tel:	
Contact Email:	
Aircraft Type:	BEECH 95-B55 (T42A)
Serial Number:	TC-1730
Registered Name:	HUMES THOMAS M
Registered Address:	1785 DOOLITTLE CT, PORT ORANGE, FL 32128-6757, UNITED STATES
Aircraft Time:	1069.2 (Hobbs)

Work Order Details:	
Work Order Number:	52211
Work Order Opened:	02/08/2023
Work Requested:	Ifr Cert
Preliminary Inspection:	by John Galbreath on 02/08/2023
Hidden Damage Inspection:	Not Applicable
Work Completed:	Performed ADC Cal Aspen Avionics EFD1000 MAX EFIS Display S/N: 970668 I.A.W. Technical Note TN2017-02. Ops check OK. See 91.411 and 91.413 this date.
91.411/91.413 Status:	Xponder Check (91.413) - Mode C/S Pass IFR Check (91.411) - Passed
Performed:	by John Galbreath on 02/08/2023
Inspected:	by John Galbreath on 02/08/2023

Appliances:			
Manufacturer	Model	Part Number	Serial Number
Aspen Avionics	EFD1000 MAX	910-00001-011	970668
Bendix/King	KT74	89000007-000001	00722
Bendix/King	KT76A	066-1062-00	73419
Narco	AR-850	AR-850	53444
Trans-Cal Industries	SSD120-20	ssd120-XXN()	14429
United Instruments	5934P	5934P	6E581
United Instruments	5934P-1	5934P-1	L9262

The Altimeter/Altitude Reporting/Static system test required by FAR 91.411 was performed and complies with FAR 43 Appendix E. The ATC Transponder test required by FAR 91.413 was performed and complies with FAR 43 Appendix F.

This Altimeter complies with FAR 43 Appendix E. This altimeter is certified to 20,000 feet.

MAINTENANCE RELEASE

THE ITEMS AS IDENTIFIED ABOVE WERE INSPECTED/CERTIFIED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION ADMINISTRATION AND ARE APPROVED FOR RETURN TO SERVICE.

Date: 02/08/2023



John Galbreath

FAACRS# G43R643N

Pertinent details of this repair are on file at this Repair Station.

Avionics Installations, Inc - FAACRS# G43R643N - WO# 52211

Transponder Certification #1	
Make:	Bendix/King
Model:	KT74
Serial No:	00722
Aircraft Registration:	N42HF
Test Completed:	02/08/2023
Frequency (1090 +/- 3MHz):	1090 MHz
Mode-S Check:	Passed
Ident (20 - 30 seconds):	20 secs.
Mode-A Codes:	Passed
Mode-C Codes:	Passed
Mode-A Sensitivity (90% reply = 73 +/- 4 dBm):	-74 dBm
Mode-C Sensitivity (90% reply = +/- 1 dBm of above):	-75 dBm
Decoding:	
Mode-A:	Passed
Mode-C:	Passed
Framing:	Passed
SLS:	Passed
Power (125 - 500 Watts):	316 Watts
A/C Correlation:	Passed
Transponder Test Result:	Passed

Transponder Certification #2	
Make:	Bendix/King
Model:	KT76A
Serial No:	73419
Aircraft Registration:	N42HF
Test Completed:	02/08/2023
Frequency (1090 +/- 3MHz):	1090 MHz
Mode-S Check:	N/A
Ident (20 - 30 seconds):	22 secs.
Mode-A Codes:	Passed
Mode-C Codes:	Passed
Mode-A Sensitivity (90% reply = 73 +/- 4 dBm):	74 dBm
Mode-C Sensitivity (90% reply = +/- 1 dBm of above):	75 dBm
Decoding:	
Mode-A:	Passed
Mode-C:	Passed
Framing:	Passed
SLS:	Passed
Power (125 - 500 Watts):	316 Watts
A/C Correlation:	N/A
Transponder Test Result:	Passed

Avionics Installations, Inc - FAACRS# G43R643N - WO# 52211

Altimeter/Encoder Certification Test:				
	Manufacturer	Model	Serial Number	Comments
Alt #1	Aspen Avionics	EFD1000 MAX	970668	
Alt #2	United Instruments	5934P	6E581	Copilot
Alt #3	United Instruments	5934P-1	L9262	Pilot
Enc #1	Narco	AR-850	53444	74
Enc #2	Trans-Cal Industries	SSD120-20	14429	76

Altimeter Test Data:												
Altitude	Alt #1	Alt #2	Alt #3	Tol +/-	Fric #1	Fric #2	Fric #3	Tol +/-	Enc #1	Enc #2	Tol +/-	
-1,000	-1,010	-1,000	-990	20	-	-	-	-	-	-	-	
0	5	0	0	20	-	-	-	-	-	-	-	
500	500	500	510	20	-	-	-	-	-	-	-	
1,000	1,000	1,000	1,000	20	0	10	10	70	-	-	-	
1,500	1,500	1,500	1,500	25	-	-	-	-	-	-	-	
2,000	2,010	2,000	1,990	30	0	10	20	70	2,000	2,100	125	
2,200	-	-	-	-	-	-	-	-	2,200	2,300	125	
2,700	-	-	-	-	-	-	-	-	2,700	2,800	125	
3,000	3,010	3,000	2,990	30	0	40	20	70	3,000	3,100	125	
4,000	4,015	4,000	3,985	35	-	-	-	-	-	-	-	
5,000	-	-	-	-	0	40	20	70	5,000	5,100	125	
6,000	6,010	5,990	4,980	40	0	40	25	70	-	-	-	
8,000	8,020	8,000	7,980	60	-	-	-	-	8,000	8,100	125	
10,000	10,020	9,980	9,980	80	0	40	40	80	-	-	-	
12,000	12,015	11,970	11,970	90	-	-	-	-	-	-	-	
14,000	14,030	13,970	12,960	100	-	-	-	-	-	-	-	
15,000	-	-	-	-	0	60	60	90	-	-	-	
16,000	16,040	15,960	15,960	110	0	60	60	90	15,900	16,100	125	
18,000	18,055	17,980	17,980	120	-	-	-	-	-	-	-	
20,000	20,060	20,000	19,960	130	0	40	60	100	19,900	20,100	125	

Pressure in/Hg	Alt. Diff	Alt #1	Alt #2	Alt #3	Tol +/-	
28.10	-1,727	N/A	-1,720	-1,725	25	
28.50	-1,340	-1,330	-1,340	-1,330	25	
29.00	-863	-850	-855	-850	25	
29.50	-392	-375	-390	390	25	
29.92	0	5	0	0	25	
30.50	+531	545	540	545	25	
30.90	+893	905	895	890	25	
30.99	+974	-980	975	970	25	
Case Leak at 18,000 ft:		5	20	30	100	
50% Hysteresis Test:		0	20	10	75	
40% Hysteresis Test:		0	20	20	75	
After Effect Test:		0	5	10	30	

	Alt #1	Alt #2	Alt #3	Enc #1	Enc #2	
Pass/Fail:	Passed	Passed	Passed	Passed	Passed	

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
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ROUTINE MAINTENANCE

I certify that this aircraft, **N42HF, Beech Aircraft Corp. Model: 95B55 , S/N: TC1730, Airframe TT:4100.3**

Engine #1: Model: Continental IO-550-E, S/N: 681061, TSN: 1492.7

Engine #2: Model: Continental IO-550-E, S/N: 681060, TSN: 1492.7

Propeller #1: Model: Hartzell EHC-G3YF, TSN: 1492.7

Propeller #2: Model: Hartzell EHC-G3YF, TSN: 1492.7

has been inspected in accordance with an Annual Inspection using the Aircraft Maintenance Manual and according to the FAA Federal Aviation Regulations Part 43 Appendix D and checked against the requirements of Appendix D to 14 CFR 43 to ensure compliance with all applicable airworthiness requirements.

14 CFR part 39 AD COMPLIANCE:

Checked AD compliance and further AD applicable up to Biweekly ²⁰²³⁻⁰⁹ ~~2020-01~~ to this aircraft, engine and propeller at this time.

WORK PERFORMED I.A.W. 14CFR PART 43.3 (d)

By myself under my direct supervision.

MAINTENANCE RELEASE:

The aircraft, airframe, aircraft engine, propeller or applicable identified above was inspected in accordance with current regulations of the FAA, manufactures manual and is approved for return to service.

This aircraft is determined to be in airworthy condition at this time and date only. The next annual inspection is due April 2024

Kornelius Lüling, A&P IA 3579543, April 24, 2024



2023

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