

IR SERVICE

test alt. ft.	tol.	actual +or-ft.	friction	tol.	actual +or-ft.	case leak
-1000	20	0	1000	70	25	0
0	20	0	2000	70	30	hystersis
500	20	0	3000	70	40	+or-ft.
1000	20	+5	5000	70	30	50/+5
1500	25	+5	10000	80	40	40/ 0
2000	30	+10	15000	90	45	after effect
3000	30	+10	20000	100	50	tot + ft.
4000	35	+20	25000	120		10
6000	40	+10	30000	140		
8000	60	-20	35000	160		
10000	80	-25	baro scale check tol. +or-ft. + scale error			date
12000	90	-40				19 AUG
14000	100	-25				2014
16000	110	-40	im.mg	mon.	actual	11/21/79
18000	120	-60	28.10	-1727	1725	Beech
20000	130	-115	28.50	-1340	1335	5-35
22000	140		29.00	-863	855	NARCO
25000	155		29.50	-392	390	AT-150
30000	180		29.92	.0	0	UNITED
35000	205		30.50	+531	530	SID ACT
			30.90	+893	895	
			30.99	+974	985	

670

A/F LOGS VOL V

N217Q

OR SERVICE

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

14

N 2170 MAKE BEECH MODEL C-35
THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.411
HAS BEEN PERFORMED THIS DATE 19 AUG 14
ALTIMETER TESTED IN COMPLIANCE WITH APPENDIX E PART 43
TO 20000 FEET. DATE 19 AUG 14 STATIC SYSTEM CHECK
PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA. F.A.A.

R/S#HS4R243M

SIGNED

UNITED STD

DATE

19 AUG 14

DATE 19 AUG 14

I CERTIFY THIS ATC TRANSPONDER

(MAKE) N/A

(MODEL)

AT-150

(SERIAL#)

HAS BEEN TESTED, INSPECTED AND FOUND TO

COMPLY WITH APPENDIX E OF F.A.R. 43 AND PART 91.413. FAA. R/S#HS4R243M

SIGNED

UNITED STD

DATE

19 AUG 14

TESTS PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA.

STARTED
JAN/2015

LOG BOOK
3.



AIRFRAME MAINTENANCE RECORDS

Registration No. N217Q

Serial No. D7680



AIRFRAME MAINTENANCE RECORDS

Log No. 3

OPENED
12/26/84

Aircraft Registration No. N 2178

Model BEECH 535

Serial No. D 7680

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4/15/2021				SOUTHSIDE AVIATION, INC. 202A AIRPORT PKWY. LAGRANGE GA. 30240 N217Q AFS/N: D-7680 (706) 302-8892 TACH:1863.14 DATE:15 APRIL 2021 AFTT:8625.1 Performed Annual Inspection On this Aircraft IAW Beech S35 inspection guide and the scope and detail of FAR.43. Appendix D, ELT checked per FAR 91.207 D 1-4, found okay for service, ELT Battery Next Due <u>NOV.2021</u>. Replaced Air Induction Filter BA 7112, Replaced Vacuum Filtriers., Replaced Electric Boost Pump With O/H Unit., Replaced Fabric Covers in Wheel Wells., Repair Left Cowl Flap Bracket C/W Gear Swing Test., Lube Airframe., Cleaned Fuel Screen. Serviced Brakes.. CW AD 76-07-12, 89-05-02., 94-20-04 R2 (AD., 95-04-03, P/C/W, Next due at 9082.6, C/W AD 2001-08-08 & 2007-08-08.C/W AD 2017-16-01 NO Defects Noted. AD 2018-06-11 P/C/W on July 25 By Replacement of V Band Clamp on Turbo Exhaust Next Due Replacement, At 9082.6 Hrs. C/W AD 2019-23-10 Right Aileron Cable No Defects Noted.. ADS checked & no new ADS due. Taxi check aircraft and all systems check normal. I certify this Aircraft has been inspected IAW Annual Inspection, and was determined to be in airworthy condition. James J. Mackey Jr. A&P 3044498 IA <i>[Signature]</i>
Oct 01, 2021	TACH 1891.53			INSTALLED SERVICEABLE ENGINE SERVICED ENGINE S/N 814450-E MODEL 10520 BA 38 B with 129ts Phillips in this Beechcraft. S/N D-7680 N217Q Victory 100AW SAE50 IAW Beechcraft MAINTENANCE MANUAL <i>[Signature]</i> ATP 3402017 DAVID A. BURNS
Oct 01, 2021	TACH 1891.53			INSTALL TWO NEW KELLY E S6300 P/N E S 6310 SERIES MAGNETOS RH POS S/N E S 6310 AB LT POS S/N J-K08025 J-K08024 <i>[Signature]</i> ATP 3402017 DAVID A. BURNS
Oct 01, 2021	TACH 1891.53			NEW MAG-HARNESSES ASSY INSTALLED Kelly P/N KA 12381 <i>[Signature]</i> ATP 3402017 DAVID A. BURNS
SUB-TOTALS this page				
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
OCT 01, 2021	TACH 1891.53			Removed & ReINSTALLED McCawkey Propeller model 2A 37C223 BC S/N 910178 on Beechcraft D2170 S/N D 7680 Due to ENGINE change IAW Beech MAINTENANCE MANUAL TORQUED BOTH NUTS TO 45-50 lbs-ft. <i>David A Burns</i> AIP 3402017 DAVID A BURNS

wo. WO1046



Airframe page 1 of 2

Perry Air - 575 Myrtle Field Rd - Perry, GA 31069 4782840880

N2170
TACH: 1896.21

BEECH, S35, S/N: D-7680
TTSN: 8658.17
SINCE OVERHAUL:
1700.1

March 29, 2022

Inspected and lubricated airframe IAW Beech shop manual. Replaced ELT batteries and CW AD 17-16-01, batteries to be replaced by 12-2031. ELT tested IAW FAR 91.207. Inspected brakes and hydraulic fluid reservoir. Replaced left main tire with new Condor 7.00-6 6-ply and replaced tube with new Leak-Guard 700/800-6. Serviced tire pressure. Inspected fuel gascolator, found clean. Replaced nose gear torque link bushings 35-82008 (1ea) and 35-820123 (2ea). Rigged landing gear IAW Beech A36 shop manual and American Bonanza Society Landing Gear Inspection Checklist and Repair Guide. Performed normal and emergency extension/retraction tests. Replaced air filter with new BA-7112 air filter element. Turbocharger pn. 632729-13 sn. MF0131 overhauled by Quality Aircraft Accessories under WO084573. Replaced wastegate manifold assy with new pn. ETI-B-108. Replaced cabin heater assy with new pn. ETI-B-118. Left exhaust assy inspected and repaired by Tornado Alley Turbine. CW AD 01-08-08 and AD 18-06-11 by replacement of v-band clamp assy. pn. 4044C375-M. Replaced pilot's side forward cabin window with LP Aero Plastics 978WV GT sn. ASY4362. and Co-pilot forward cabin window with LP Aero Plastics 979WV GT sn. ASY4299. Windows installed IAW STC SA01078NY. See form 337 this date. Weight change negligible, weight and balance not amended.. Repaired broken wire on tail position light. Replaced positive and negative battery cables with cables manufactured IAW AC43.13-1B.

wo. WO1046



Airframe page 2 of 2

Perry Air - 575 Myrtle Field Rd - Perry, GA 31069 - 4782840880

Airframe annual inspection performed IAW FAR 43 app. D and was determined to be in airworthy condition.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Perry Air under work order: WO1046.

Nathan Bateman A&P/IA 3779033

Nathan Bateman

SUB-TOTALS this page

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04/7/2022 Airframe 1964 Beechcraft S35 Serial# D-7680. Tach 1899.0. A/C TT 8660.96

- Removed existing King blade-type 1090 transponder antenna from location on belly.
- Fabricated new transponder antenna cable from new bulk RG-400 cable/BNC connectors and routed through aircraft structure using previous antenna installation as a guide.
- Installed new RAMI 1090ES transponder blade antenna at location from previously removed King transponder antenna (above) using AN-std hardware.
- Fabricated antenna doubler from .025in thick 2024-T3 sheet aluminum and installed new Garmin GA-35 GPS antenna on centerline of cabin roof just forward of previously installed GA-56 GPS antenna using mfr-supplied template and hardware.
- Fabricated new GPS antenna cable from new bulk RG-400 cable/TNC connectors and routed through aircraft structure using previous antenna cable installation as a guide.
- Removed previously-installed NARCO AT-150 transponder, tray, ACK blind encoder and cabling.
- Installed new Garmin GTX-335 transponder (w/integral GPS, Garmin tray, and Garmin GAE-12 altitude encoder module) at radio stack location from removed Narco transponder (above). Mounted tray using AN-std hardware. Inspected previously-installed power/ground/lighting wiring remaining from removed Narco transponder installation. Connected new GTX-335 transponder harness using a new 4-pin Molex connector to existing wiring. Secured cabling as necessary to prevent interference with aircraft flight controls. Inspected and reused aircraft static system tubing, connected to Garmin blind encoder module.
- Powered up transponder system, configured settings and tested as per Garmin GTX 3X5 Transponder TSO installation manual section 6-No defects noted.
- Removal/Installation has negligible effect on aircraft weight and balance.
- An electrical systems analysis was performed and this installation was found to be within the aircraft's electrical system capabilities.
- For continued airworthiness, maintenance of the GTX-335 system is "on condition" with periodic inspection (Annual or 100Hr) as per the scope and detail of FAR 43, Appendix D. As well as periodic testing as per FAR 91.411 & 91.413 as applicable.

SYSTEM REQUIRES TESTING PRIOR TO USE AS PER FAR 91.413 (VFR/IFR) AND 91.411 (IFR).

REF: Raytheon/Beech 35-series shop manual and Garmin GTX 3X5 Transponder TSO installation manual #190-01499-02

DANA R. THOMAS A&P3037573IA

Date: 2-21-2023

Altimeter System Tests performed to comply with CFR 91.411 and CFR 43 Appendix E has been tested to

20,000 Feet for N217Q

Make/Model: ASPEN EFD 1000

Serial Number: 13141

Work Order # 1841

Authorized Signature Am Bud Myrhol

Great American Barnstormers Inc.
7824 Skyhawk Road
Pace, FL 32571
FAA CRS# N9OR246Y

Date: 2-21-2023

Altimeter System Tests performed to comply with CFR 91.411 and CFR 43 Appendix E has been tested to

20,000 Feet for N217Q

Make/Model: United Inst 5934P-1

Serial Number: N7361

Work Order # 1841

Authorized Signature Am Bud Myrhol

Great American Barnstormers Inc.
7824 Skyhawk Road
Pace, FL 32571
FAA CRS# N9OR246Y

TOT

I Certify this ATC Transponder

Model 6TX 335

S/N 3EE429623

as installed in this aircraft N217Q has been tested as required by CFR 91.413 and meets the requirements of CFR 43 Appendix F for operation.

Work Order# 1841

Great American Barnstormers Inc.
7824 Skyhawk Road
Pace, FL 32571
FAA CRS# N9OR246Y

Authorized Signature John But Myers

Date: 2-21-2023

DATE	TACH	KG
20230328	1929.2	8691.0

S/N D-7680 N217Q Beech Bonanza S35

Inspected/performed an Annual Inspection per Title IV
CFR Part 43 w/ Scope/Detail of Appendix D.

• AirFrame Flight Controls, Landing gear looked per Beech
Bonanza Shop Manual. Serviced ^{A-5606 Phillips 20W50} brakes/engine oil.

Removed Seats/Floor access panels. Reinstalled after
cleaning/inspection (no defect noted). • Fit control
cables, inspected tension w/ allowable limits. • ELT

tested per FAR 91.207 - BAT LIFE GOOD to 2031 Q3

• Inspected fuel gascolator • checked magnetos for
security/wear OK. Replaced vacuum filters

• Verified 24M altimeter/transponder current, OK

• Post run/taxi of aircraft per Continental/Beech
service manuals accomplished. • A list of discrepancies
given to owner. (AD's researched to date) OK

I certify this aircraft has been inspected per
an Annual Inspection w/ Scope/Detail of Appendix D
of Part 43 FAR and determined to be in an
Airworthy Condition

Serry Burns (Burns 2630089 A/FA)

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				TOTALS brought forward from previous page

N217Q / TACH 1929.0 / DATE: FEB 02, 2023

Accomplished Alteration by removing the existing Garmin GNS-430 (s/n 96302899) Unit I.A.W. with the Garmin Installation Manual and a Garmin GPS GA-56 Antenna. Replaced with a Garmin GNS-650 (s/n 128010008) I.A.W. the Garmin STC "SA02019SE-D" and the Garmin Installation Manual P/N #190-01007-A3 Rev: 15 Dated Dec 10, 2020 and also Installed Garmin GA-35 Antenna (s/n 215910) I.A.W. Garmin Installation Manual P/N# 190-00848-00 Rev:B Dated: Mar 2008. The ELA does not exceed 80% of the Electrical Load Capacity. The Weight & Balance was accomplished by Calculation and found to be within the Empty weight and CG range per the Weight & Balance manual section six (6) of AFM and a Revised Weight & Balance report has been inserted into the AFM section 6 for future reference. A magnetic deviation check was accomplished on existing wet compass and no deviation was noted. The owner has been provided a copy of the Garmin GTN-650 AFM Supplements along with the "ICA" for both the GTN-650 and GA35 antenna. I find this Aircraft in an Airworthy Condition for the work as described above and Return to service at this date and time. FAA form 337 has been completed and "Approved" and a copy was sent to the FAA OKC, OK and an original copy was provided to the owner.

Signed: _____

Tommy D. Stallings A&P # 4333941

Date: _____

FEB 02, 2023

N217Q

12/8/2023 Airframe

Replaced throttle cable with McFarlane PMA replacement throttle cable. Adjusted Landing gear warning switch.

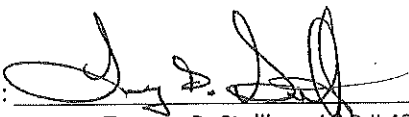
Weld repaired cracks in airbox turbo inlet tube.

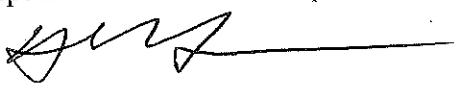
Replaced EGT probe on Cyl no. _____

Kent Gorton 2830329 AP/IA

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				TOTALS brought forward from previous page
N217Q / TACH 1929.0 / DATE: FEB 02, 2023				
Accomplished Alteration by removing the existing PS Engineering PMA6000M-S Audio Control Panel (s/n T03255-D01618M) Unit I.A.W. with the PS Engineering Installation Manual. Replace with Garmin GMA-342 Audio Control Panel (s/n 3YZ001928) I.A.W. the Garmin Installation Manual P/N #190-01878-02 Rev: 5 Dated NOV 2020. The ELA does not exceed 80% of the Electrical Load Capacity. The Weight & Balance was accomplished by Calculation and found to be within the Empty weight and CG range per the Weight & Balance manual section six (6) of AFM and a Revised Weight & Balance report has been inserted into the AFM section 6 for future reference. A magnetic deviation check was accomplished on existing wet compass and no deviation was noted. The owner has been provided with a copy of the Garmin GMA-342 Pilots Operating Guide along with the "ICA". I find this Aircraft in an Airworthy Condition for the work as described above and Return to service at this date and time. FAA form 337 has been completed and "Approved" and a copy was sent to the FAA OKC, OK and an original copy was provided to the owner.				
Signed: 			Date: <u>FEB 02, 2023</u>	
Tommy D. Stallings A&P # 4333941				
20240227		1949.92		Removed Prop For 9/4 s/n 912028 ^{MOORE McCauley 2A37C228-RE} Burns Burns 2630089 JA
20240401		1954		Reinstalled Prop after Major Overhaul per Raytheon Service Manual In 912029 McCauley 2A37C228-RE
				J Burns Burns 2630089 JA
20240427		1954		Performed Annual inspection to this airframe N217Q ^{Sh} 217680
				Landing gear rollers inspected/lubed) airframe inspected (rudder, vofat, wing spar) interior (seats, under floor cables/structure)
				Engine differential press, spark plugs, oil filter, injector
				Fuel Line welds, int filter, intake filter, turbo (v. and claps)
				AP's current to date [TCDS Beechcraft McCauley 3A15, Service Manual Service Manual]
				I certify this Airframe inspected per Annual Inspection
				w/ scope detail of appendix D" FAR 43 part) and determined
				to be in Airworthy condition.
				Servy A Burns Burns 2630089 JA
				SUB-TOTALS this page
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Page No. _____				DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	
				TOTALS brought forward from previous page
4 Jan 2025	1970.21			Oil Change 4w — engine serviced w/Parasol 15100 SAE50 F new Tempest Oil Filter #443109 Jerry D Burns, JRB 2620089 YA
MARC, INC.				4090 AIRPORT ROAD, BOLTON, MS 39041
N217Q	1 SEP 2025	BEECH S35	SN: D-7680	
AIRFRAME	ACTT: 8744.09	TACH: 1982.13		
Inspected IAW Beechcraft Bonanza checklist and FAR 43 Appendix D. Tested ELT iaw FAR 91.207d. Battery replacement due 12/2031. Replaced fuel sender gaskets w/NEW PN 0015-00716 (x2). Replaced cowl door anti-chafe seals. Replaced pilot seat recline springs w/NEW PN 60-530046-0 & -1. Replaced flap indicator lights w/T1-3/4 (x2). Adjusted rudder cable tension to 37 lbs., and elevator cable tension to 25 lbs. Replaced RA-D9-18-1 vacuum filter. Replaced rivets in lower cowlings. Autopilot computer PN 1C515-1 SN 9936B and pitch servo PN 1C508-1-383P SN K24149A repaired (see Palm Beach Avionics 8130-3).				
AD76-07-12 cw by functional test of ignition switch; due 2082.13/8844.09TT.				
AD94-20-04R2 cw by visual inspection of Vtail iaw para(d3); next due 2082.13/8844.09TT.				
AD17-16-01 cw by inspection/test of AK450 ELT; due September 2026.				
I certify that this aircraft has been inspected IAW an annual inspection and was determined in an airworthy condition.				
Billy H. Miller Jr. 428290395IA 				
				SUB-TOTALS this page
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