



The Standard

AIRCRAFT LOG

ASA-SA-2

TH-1018 Book #3

2016 -

Aircraft Record General Information

Manufacturer Beechcraft Model Baron 58
Serial TH-1018 Registration Number N870GH
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR 20 <u>16</u> 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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— September 14, 2016 Hobbs 5036.3 ACTT: 5036.3

— This aircraft has been inspected IAW a 100 hour inspection in reference to Beech long form inspection guide and found to be in airworthy condition. Lubed all flight controls and pivot points. Jacked aircraft and completed landing gear retraction and emergency extension operational checks. Replaced left and right main retract springs and adjusted over center tension. Adjusted left and right downlock cable tension. Adjusted left and right uplock and downlock cable tensions. Replaced left inboard door rod end and adjusted left and right inboard door tension. Replaced nose retract rod aft attach bolt, nut, and tension spring. Adjusted nose up tension. Installed 2ea covers on each inboard door. Secured nose gear right "A" frame bolt. Tightened left main gear forward and aft trunion bolts. Repaired up limit bracket on retract rod. Replaced left throttle warning switch and actuator. Inspected wheels, brakes, and repacked all wheel bearings. Replaced left and right brake disc. Lubed landing gear system. Replaced all fuel cap seals. Replaced main system instrument air filters. Removed right flap due to cracked nose rib at actuator, repaired by SRS aviation, reinstalled, and verified flap rigging. Replaced 2 pulleys aft of rear spar, 2 pulleys under rear cargo floor, and 1 pulley aft of rear bulkhead. Replaced all wing bolts and nuts using wet method. **DUE RETORQUE IN 100 HOURS.** Replaced outboard clip on right forward wing bolt cover plate. Cleaned and treated minor corrosion where heat duct attaches to rear spar. Replaced oil drain patch plated on both lower cowls. Installed new ventral fin fairing. Adjusted lefty and right trim tab position. Repaired overhead dome light. C/W AD 76-07-12 Bendix switch operation. Completed ELT operational test as per FAR91.207 (d). Completed aircraft operational check with all systems performing satisfactorily. Aircraft returned for service.

Chris Brackett
Chris Brackett 3695985 A&P

— September 14, 2016 Hobbs 5036.3 ACTT: 5036.3

— This aircraft has been inspected I.A.W. and annual inspection and found to be in airworthy condition. Aircraft returned for service.

Robert Ripley
Robert Ripley 2049618 IA

MAINTENANCE RECORD

Date: November 4, 2016	Page 1 of 1 Pages	Reg. No: N870GH
Aircraft: Beechcraft 58	Serial #: TH-1018	Hobbs: 5,134.1

The below listed items were accomplished in accordance with the Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's.

Work Order 041607769

- [001] Changed left engine oil & filter. See engine logbook.
- [002] Changed right engine oil & filter. See engine logbook.
- [003] Collected oil samples from left and right engines.
- [004] Checked wing bolts for proper torque.

I certify that the above listed items have been completed, and with regard to the above items, this aircraft has been approved for return to service.

Signed _____

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

2016 ALF

Date 11/18/2016	Number N870GH	Total Time	Tach Time N/A	Hobbs 5151.2	Annual Due
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REPLACED LEFT AND RIGHT MAIN LANDING GEAR TIRES WITH PN: 658C86-4 GOODYEAR FCIII 6.50-8 8 PLY, AND TUBES WITH PN: 092-337-0 MICHELIN 6.50+7.00-8. CLEANED AND INSPECTED ALL MAIN LANDING GEAR WHEEL HALVES, BEARINGS AND RACES, AND LUBRICATED BEARINGS. REPLACED ALL BRAKE LININGS ON LEFT AND RIGHT MAIN LANDING GEAR WITH PN: 066-09700. SERVICED ALL TIRES TO CORRECT PRESSURE. OPERATIONAL CHECK SATISFACTORY.

Dawn Lee Farley A/P 3120278

2016

Date 11/23/2016	Number N870GH	Total Time	Tach Time N/A	Hobbs 5154.6	Annual Due
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REPLACED LEFT ALTERNATOR WITH OVERHAULED TELEDYNE ALTERNATOR P/N 646843, S/N P3100193, SEE FAA FORM 8130-3 ATTACHED TO LOGBOOK. GROUND RUN, OPERATIONAL CHECK SATISFACTORY.

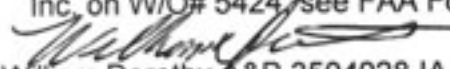
[Signature]

A/P 3717098

12-7-2016, Hobbs 5164.6

N870GH Airframe Log Entry

- Replaced right engine instrument air pump W/Overhauled Unit P/N AA442CW-12, S/N 0BD601. Overhaul was performed by Aero Accessories, Inc. on W/O and FAA Form 8130-3 tracking number 10BD6-0000 dated 8/23/2016. S/N pump removed was 68427. Operational check was good.
- Replaced heater combustion fan motor W/Overhauled unit P/N 27D39. Overhaul was performed by Harold Haskins, Inc. on W/O# 5424, see FAA Form 8130-3 tracking number 6139 dated 5/16/2016. Operational checked good.


William Dorothy A&P 3504028 IA

2016 ALF
Date 12/16/2016 Number N870GH Total Time Tach Time N/A Hobbs 5173.9 Annual Due

INSTALLED OVERHAULED ALTERNATOR DRIVE COUPLING ASSY PN: 646655 (SEE FAA FORM 8130-3 ATTACHED TO LOGBOOK) ON OVERHAULED ALTERNATOR PN: 646843, SN: H2435791 (SEE FAA FORM 8130-3 ATTACHED TO LOGBOOK), AND REPLACED ON RIGHT ENGINE. GROUND RUN, OPERATIONAL CHECK SATISFACTORY.



Burlington Air Center

703 Airport Rd. Burlington, WI. 53105
(262) 763-9500 Fax (262) 763-2910


5/31/2017

N870GH

Hobbs: 5289.1

Oil changed this date: cut open filters and inspected for metal, none found. Installed new CH48108-1 filters and filled each engine with 10qts of Phillips 20W50XC oil. Adjusted engine idle speeds, washed down engines, ran up and checked for leaks, none noted at this time. Serviced tires with dry nitrogen in accordance with placards and markings.

I certify that the work described above has been accomplished and inspected in accordance with current regulations and is approved for return to service.



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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Burlington Air Center

703 Airport Rd. Burlington WI 53105
 (262) 763-9500 Fax (262) 763-2910
 CRS No. J79R390Y

Date 7/10/17

N870G11

Hobbs 5,303.2

Removed Garmin GTX 327 transponder and installed, configured and tested Garmin GTX345 Transponder S/N 3EG007428 in accordance with Garmin installation manual P/N 190-00734-10 Rev. 5 dated 2/22/16. Inserted Airplane Flight Manual Supplement 190-00734-15 Rev. 2 dated 3/8/16 in aircraft Pilots Operating Handbook. Removed Headsup XMD076-01 XM receiver and installed, configured and tested Garmin GDL69A in accordance with Installation Manual P/N 190-00355-00 Rev E. See revised weight and balance and FAA form 337 both dated this date for details.

Transponders, encoder and static system tested in accordance with Part 43. Appendix E & F for compliance with FAR 91.411 & 91.413.

I certify that this airframe, engine, or appliance identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work that was performed.

JTD J79R390Y

YEAR
20
DATE

Burlington Air Center

703 Airport Rd. Burlington, WI. 53105
(262) 763-9500 Fax (262) 763-2910

10/23/2017

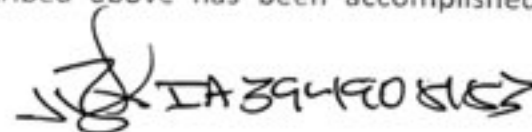
N870GH

Hobbs: 5326.3

AFTT: 5326.3

Completed Annual Inspection this date IAW FAR Pt. 43 App. D. All routine maintenance completed. Cut open oil filters and inspected for metal, none found. Installed new CH48108-1 filters and added 1qt of Phillips 20W-50 make up oil to each engine. Washed down engines, ran up and checked for leaks, none noted at this time. FAR 91.207 ELT inspection/check C/W; No defects noted at this time. ELT Battery expiration date: Dec 2023. All AD's checked. AD 76-07-12 R1 Bendix Ignition Switchers: C/W by function test. No defects noted at this time. Next Due: 5426.3 AFTT. AD 2004-21-05 Heater Pressure Switch: C/W by inspection / test per SB A-103, no defects noted at this time. Next Due: 1439.3 Heater Hobbs, or 11/1/19. AD 90-08-14 Wing Spar: C/W by inspection per SB 2269 Rev. 1. No defects noted at this time. Next Due: 5826.3 AFTT. Repairs as listed: Rigged landing gear, aileron stops, and aft cargo doors per Maintenance Manual / TCDS. Removed LH HC-C4YF-2E propeller SN) GL179, RH HC-C4YF-2E propeller SN) GL180, LH A210800 prop governor, SN) 11482839, and RH A210800 prop governor, SN) 12226007J and sent to Maxwell Propeller for overhaul, reinstalled same propellers and prop governors in original positions after overhaul, see Maxwell Propeller WO#'s: 122378, 122379, 122380, & 122381 for details. Sent both spinners to K&K Precision Welding for repair, see WO# 6375 and yellow tags dated 10/17/17 for details. Removed 8030 B. 294 standby airspeed indicator SN) 71365 and installed overhauled 8030 ASI SN) 217244 and tested. No defects noted at this time, see United Instruments WO# 45260 for details. Removed yoke assembly and landing light bezels, painted, and reinstalled, installed new J-70778-16 engine mounts and BA6205 induction air filter elements on both engines, installed new MS25253-2 gear warning horn switch GE327 bulb in aft cargo door unsafe light, checked operation, and rebuilt FWD/OB/Lower baffle on LH engine using new 96-910020-395 & 102-910024-193 baffle assemblies, repaired OB inter-cylinder baffles on RH engine, AUX terminal wiring on RH alternator, and installed new 002-410038-1 NLG door actuator shaft assembly.

I certify; this Airframe has been inspected in accordance with an Annual Inspection, determined to be in airworthy condition with regard to the work performed, and that the work described above has been accomplished in accordance with current regulations.

 IA 39490 8153

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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Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

9/17/18

N870GH

Hobbs: 5416.2

Oil changed this date: Cut open filters and inspected for metal, none found. Took SOAP samples and sent out for analysis; see Spectro Report s dated **9/10/18** for details. Installed new **CH48108-1** filters and filled each engine with 11qts of Phillips **20W50XC** oil. Washed down engines, ran up and checked for leaks, none noted at this time.

Replaced: Alternate air duct on both engines with new **05-29912** SCAT tubing, and LH **36-380000-3** alternator sensor. Aircraft run up and systems checked satisfactory at this time.

Removed: RH/IB **002-920034-2** fuel bladder and sent to *Eagle Fuel Cells* for repair, see FAA form 8130-3 / Work Order# **46589** for details.

Reinstalled: Repaired bladder with new gaskets supplied and leak checked, found satisfactory at this time.

I certify that the work described above has been accomplished and inspected in accordance with current regulations and is approved for return to service.

J. J. [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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Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

12/21/18 N870GH Hobbs: 5441.6 AFTT: 5441.6

Inspections: Completed Annual Inspection this date IAW FAR Pt. 43 App. D. Beechcraft Landing Gear Rigging Check in accordance with the aircraft service manual, and FAR 91.207 ELT inspection / check C/W, no defects noted. ELT battery exp. date: 12/2023.

All AD's checked:

AD 76-07-12 R1 Bendix Ignition Switches: CW by function test, no defects noted at this time. Next Due: 5541.6 AFTT.


All routine maintenance completed: Greased & serviced props per placards and markings with Aeroshell 5 grease and dry nitrogen per placards and markings. Cut open oil filters and inspected for FOD, none noted at this time. Took SOAP samples and sent out for analysis; see Spectro Reports dated 12/14/18 for details. Installed new CH48108-1 filters and filled each engine with 1qts of Phillips 20W50XC oil. Washed down engines, ran up and checked for leaks, none noted at this time.

Removed: RH/OB 002-381000-3 fuel sending unit SN) CB7780-79G78, and LH fuel bladder to send out for overhaul.

Installed: new MS29513-338 O-rings on fuel caps, RA66-22 brake linings on both wheels, 002-381000-3 RH/OB fuel sending unit SN) 2355, 33-324032 placard, RHB32E spark plug in RH engine #5 cylinder, and overhauled LH fuel bladder.

Repairs as listed: corrected orientation of dual yoke center assembly, and repaired baffle material on RH engine.

I certify; this Airframe has been inspected in accordance with an Annual Inspection, determined to be in airworthy condition with regard to the work performed, and that the work described above has been accomplished in accordance with current regulations.

 IA39490515

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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Burlington Air Center, Inc.

703 Airport Rd. Burlington WI. 53105
(262) 763-9500 Fax (262) 763-2910

Date 11/11/19
W/O: 19-7964

N777TK
TH-1081

HOBBS: 5517.5

Removed number one engine starter P/N: 646275-1R S/N: 1113448 and installed overhauled starter P/N: 646275-1 S/N: H-T073257. Operational check good.

I certify that this airframe, engine, or appliance identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work that as performed.



4266070

Robert J. Hintz

A&P Number

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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20
DA

Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

1/21/2020 N777TK Hobbs: 5523.0 Htr: 1437.4 AFTT: 5523.0

Inspections: Completed Annual Inspection this date IAW **FAR Pt. 43 App. D. Beechcraft Landing Gear Rigging Check** in accordance with the aircraft service manual, and **FAR 91.207** ELT inspection / check C/W, no defects noted. ELT battery exp. date: **12/2023**.

All AD's checked:

AD 76-07-12 R1 Bendix Ignition Switches: C/W by function test, no defects noted at this time. **Next Due: 5623.0 AFTT.**
AD 2004-21-05 Heater Decay: C/W by insp./test per **SB A-103**, no defects noted at this time. **Next Due: 1537.4 Htr. Hobbs or 2/1/22.**

All routine maintenance completed: serviced props with dry nitrogen per placards and markings, installed new **BA-7710** induction air filter elements, **AA48108-2** oil filters and serviced each engine to 10qts of Phillips **20W50XC** oil. Set mag timing per placards and markings, set fuel pressures per **SID97-3C**. Washed down engine, ran up and checked for leaks, none noted at this time.

Removed & Reinstalled: propellers to facilitate engine change in accordance with Hartzell Doc# **115N**, Rev. **21**, dated **3/2015**.

Removed: LH **IO-550-C3F** engine SN) **815355-R**, and RH **IO-550-C3F** engine SN) **815404-R**.

Installed: overhauled **IO-550-BCC** engine SN) **281993-R** in LH position, and overhauled **IO-550-C** engine SN) **810484-R** in RH position. New **DL87002 OPTB** D'Shannon Aviation Products Ltd. baffle kit, in accordance with D'Shannon Installation Manual Doc# **DSP-IM95-4**, Rev. **C**, dated **7/8/15** per **STC# SA09220SC**, and D'Shannon Aviation Products Ltd. High Performance Exhaust for Baron 58 in accordance with Doc#'s: **SR-DSP-Exhaust-58**, Rev. **01**, dated **12/15/19**, **DSP-DL-16-002**, Rev. **01**, dated **1/2/20**, & **DSP-IM-16-002**, Rev. **IR**, dated **12/26/19** per **FAA Form 8110-3** dated **1/15/20**. See FAA form 337's this date for details, Wt&Bal change negligible.

Instructions for Continued Airworthiness: per D'Shannon Doc# **DP-ICA-200**, Rev. **B**, dated **6/29/12**, and **DSP-ICA-16-002**, Rev. **IR**, dated **12/27/19** or later.

Repairs as listed: installed 2) new **50-524504-1** Mixture control knobs, **86160** EGT probe on RH exhaust, and repaired suspect wiring on LH tach generator, all flammable fluid lines in engine compartments sent out for overhaul and reinstalled. Aircraft run up, all systems tested satisfactory at this time.

I certify; this Airframe has been inspected in accordance with an Annual Inspection, determined to be in airworthy condition with regard to the work performed, and that the work described above has been accomplished in accordance with current regulations.

[Signature] FA3446856

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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ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

Burlington Air Center Inc.
CRS No. J79R390Y

Phone: 262-763-9500
Fax: 262-763-2910

703 Airport Dr.
Burlington, WI 53105

N 777TK

S.O. # 19-7993.1

Stby

Test Alt x 1000 Ft.	-1	0	0.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tolerance +/- Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual +/- Ft.	<u>+10</u>	<u>0</u>	<u>0</u>	<u>+5</u>	<u>0</u>	<u>-5</u>	<u>0</u>	<u>0</u>	<u>+5</u>	<u>0</u>	<u>-20</u>	<u>-30</u>	<u>-40</u>	<u>-60</u>	<u>-50</u>
Test Alt x 1000 Ft.	20	22	25	30	35	40	45	50	After Effect		<u>-20</u>				
Tolerance +/- Ft.	130	140	155	180	205	230	255	260	75 Ft. <u>+15</u>		75 Ft. <u>+20</u>				
Actual +/- Ft.	<u>-60</u>								Hy. 50%		Hy. 40%				

Certified that altimeter checks required by FAR 91.411 have been performed and found to comply with Part 43, App. E, Par. B
 Certified that static system checks required by FAR 91.411 have been performed and found to comply with Part 43, App. E, Par. A
 Certified that ATC transponder test and inspections required by FAR 91.413 were performed and found to comply with Part 43, App. F
 Certified that automatic pressure altitude reporting system checks required by FAR 91.217 & FAR 91.411 have been performed and found to comply with Part 43, App. E, Par. C

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date 11/21/20

Signed [Signature]

ALTIMETER
Make <u>Tested</u>
Model <u>in</u>
S/N <u>Aircraft</u>
BLIND ENCODER
Make
Model
S/N
TRANSPONDER
Make
Model
S/N

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.)

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

1-29-21 Hobbs time + total time 5579.8 hrs
Completed an Annual Insp I.A.W
the Beech maintenance manual &
found airworthy Jim Linfield
P/A 353483286.

YEAR

20

DATE

tions
er of
tries.)

N777TK rhrh exhaust

June 20, 2021

N777TK Serial Number: TH-1018

Beechcraft Model: 58

Hobbs: 5617.2

Replaced Right Engine, right side exhaust support clamp, part number DSP-95-950002-87,
due to crack.

Thor Bergquist A&P 3203056

Thor Bergquist

N777TK

March 4th, 2021

N777TK Serial Number: TH-1018

Beechcraft Model: 58

Hobbs: 5586.5

Serviced nose landing gear strut with fluid (MIL-PRF 5606H) and nitrogen, ref Aircraft
Servicing Instructions. Re-attached/positioned forward right seat lap belt to proper
configuration.

THOR BERGQUIST A&P 3203056

Thor Bergquist

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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10/29/2021

Acft Reg: N777TK
 Baron
 AIRFRAME TT:4856.9

Removed instrument panel on the Left side to access the standby attitude indicator. Removed the tubing and the connections from the old unit. The hose needed replacing on the inlet side. Replaced the indicator with similar part with lighting. The PN installed is 1U149-010-1 with 3" light tray BA28-24-BW3G. Installation was performed in accordance with the Baron AMM and the instrument manufacturer's installation instructions. All hoses and connections to the electrical light tray were accomplished and the panel was re-installed. Ops check good.

The aircraft is returned to service.

Michael T Galloway A&P # 3164797 IA Signature:

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