

N328M A/F LOG Vol II

JACOBS AIRCRAFT COMPANY/ JACKSON, MS  
530 TERMINAL DRIVE 39209 / 601-948-1601

23

N328M AIRCRAFT LOGBOOK ENTRY 6-17-11 HOUR METER 1171.9  
AIRCRAFT TOTAL TIME IN SERVICE 1171.9

Aircraft

Reg #

DATE	
Y	M

No AD notes due at this time. See complete AD List in rear of this logbook. Cleaned fuel strainers. Serviced aircraft battery. ELT inspected per FAR 91.207 (d). ELT battery replaced. ELT battery expiration date is MAY 2013. Replaced copilot brake master cylinders, installed P/N 96-380034-23. Replaced seals in left wheel cylinder. Brakes bled. Replaced all brake linings. Aircraft jacked, cleaned and repacked all wheel bearings. Landing gear retraction operational checked. Emergency landing gear extension operational checked. Engines washed and ground run, operational check OK, no leaks noted. Aircraft washed.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in airworthy condition.

David Townes Cox IA 2679578

*David Cox*

LICENSE NUMBER	

9/29/2011 N328M Hobbs 1212.6

Jacked aircraft, removed main struts, installed new seals and O-rings per Beech IPC and MM. Reinstalled struts and serviced with Mil 5606 and nitrogen. Approved for return to service this date.

*James Pace*

James Pace Boler 3155410 A&P

Airframe Maintenance Entry December 11, 2011  
N328M Beech 58 S/N TH-1992  
Aircraft HM 1244.3

**Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358**

Serviced and installed two new G25 storage batteries in accordance with the Gill Flooded Service Manual. Installed serial numbers G02678041 and G02698148.

David C Entrekin A&P 3398557

*David C Entrekin*

## MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

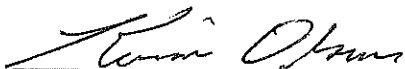
DATE			TIME		ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS				



BEECH 58 S/N TH-1992 REG No. N328M  
 WO # 12-1245 FEBRUARY 8, 2012  
 TOTAL TIME: 1254.0 HOUR METER: 1254.0

- A) REPAIRED L/H WING BY REPLACING THE FOLLOWING PARTS:  
 1) OUTBOARD L/E SKIN P/N 001-110029-3 (FABRICATED FROM .032 2024 T3)
- B) REMOVED / REPAIRED, OVERHAULED, OR REPLACED / INSTALLED THE FOLLOWING ITEMS:  
 1) L/H WING DE-ICE BOOT P/N OFF/ON: 25S-7D5057-01 S/N OFF: UNKNOWN S/N ON: MYB8W70 (NEW)
- C) PERFORMED THE FOLLOWING ADDITIONAL ITEMS:  
 1) FERRIED AIRCRAFT TO THIS FACILITY FOR REPAIRS. SEE LOGBOOK ENTRY DATED JANUARY 4, 2012.  
 2) REMOVED AND REINSTALLED L/H WING TO FACILITATE REPAIRS.  
 3) REMOVED AND REINSTALLED INTERIOR TO FACILITATE REPAIRS.  
 4) REPLACED L/H INBOARD MLG DOOR AFT ATTACH ANGLES (FWD P/N 95-110031-49, AFT P/N 95-110031-51).  
 5) REPLACED L/H WING ATTACH NUTS WITH NEW PARTS.  
 6) RIGGED AND OPERATIONAL CHECKED LANDING GEAR SYSTEM.  
 7) RIGGED L/H FLAP AND AILERON CONTROL SYSTEMS.  
 8) SERVICED AND BLED BRAKE SYSTEM.  
 9) TOUCHED UP PAINT AS REQUIRED  
 10) CORRECTED MISC MINOR DISCREPANCIES ON THIS WORK ORDER.  
 11) REPLACED MISC HARDWARE WHERE NEEDED  
 12) TEST FLEW AIRCRAFT.

ALL WORK PERFORMED WAS ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURER'S MAINTENANCE MANUALS AND CURRENT FEDERAL AVIATION REGULATIONS. NOTE: SEE FAA FORM 337 EXECUTED THIS DATE.


  
 Kevin Olson

AP/IA 3116038

**Airframe Maintenance Entry March 29, 2012**  
**N328M Beech 58 S/N TH-1992**  
**Aircraft HM 1269.7**

**Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358**

Removed left engine aft nacelle panels to gain access. Found high pressure line leaking at bulkhead fitting. Tightened upper and lower 'B' nut connections, serviced with 100 PSI dry nitrogen and leak checked fittings. No leaks noted. Applied vacuum to system overnight. Serviced system with 2 lbs. 6 ozs. R-134A refrigerant using temperature saturation method. System working correctly, no leaks noted. Reinstalled nacelle panels.

  
 Charles R. Hopper  
 AP # 3564582

# Airworthiness Compliance Summary

Airframe - Hawker Beechcraft Corporation - 58

TH 1992

Engine - Teledyne Continental - IO-550-C

(L) 684472

Propeller - Hartzell - PHC-J3YF-2

(L) ED4446B (R)  
ED4445B

Appliance - Heaters - Kelly Aerospace Power Systems

AD #	Category	Subject	Amend. #	Recur.	Date and Hours	Next Due
77-12-06 R2	Propeller	Prop blade	39-3097	No	SUPERCEDED	SUPERCEDED
82-07-03	Appliance	Janitrol combustion heaters	39-4354	No	SUPERCEDED	SUPERCEDED
96-20-07	Appliance	Janitrol combustion heaters	39-9773	No	SUPERCEDED	SUPERCEDED
PL2000-08-51	Engine	Crankshaft connecting rod journal fracture	N/A	No	N/A BY DATE OF MANUFACTURE, LT & RT ENGINES	SUPERCEDED
2000-23-21	Engine	Fracture of the crankshaft connecting rod journal	39-11994	No	NO ACTION REQUIRED BY DATE OF MANUFACTURE	
2001-07-03	Propeller	CORRECTION - Prevent propeller failure of the propellers returned to service by BASCO	39-12168	No	N/A BY S/N'S OF HUBS	
2001-08-01	Appliance	Prevent fuel leakage in airplanes	39-12178	No	SUPERCEDED	SUPERCEDED
2001-11-03	Airframe	Protect the blower motor circuit	39-12244	No	N/A BY S/N	
2001-17-13	Appliance	Potential for fuel leakage in aircraft	39-12404	No	SUPERCEDED	SUPERCEDED
2001-23-10	Airframe	Prevent separation of the flap flex shaft assembly	39-12507	No	10-08-2001 HM 74.1	P/C/W BY REPLACEMENT OF AFFECTED PARTS
2002-09-08	Propeller	Prevent failure of the propeller blade from fatigue cracks	39-12741	No	SUPERCEDED	SUPERCEDED
2002-11-07	Airframe	Prevent damage to the rotating beacon circuit breaker switch	39-12768	No	N/A BY S/N	
2003-01-01	Airframe	CORRECTION - Detect and correct missing rivets in the right hand fuselage panel assembly	39-13012	No	N/A BY S/N	
2003-13-17	Propeller	Detect unsafe conditions that could result in separation of a propeller blade	39-13219	No	N/A PROP NOT O/H AT AFFECTED FACILITY	
2004-08-10	Engine	Prevent loss of engine power	39-13579	No	N/A BY MODEL NO. AND TYPE OF CYLINDER	
2004-21-05	Appliance	Prevent combustion by-products (carbon-monoxide exhaust) and fuel leakage from the combustion heaters	39-13826	Yes	6-14-10 HEATER HM 101.4	DUE EACH 100HRS OF HEATER OPERATION OR 24 MONTHS (JUNE 2012 or 201.4 HEATER HM)
2004-25-16	Appliance	Prevent failure of the fuel regulator shutoff valve	39-13904	No	SUPERCEDED	SUPERCEDED
2004-25-16R1	Appliance	Prevent failure of the fuel regulator shutoff valve	39-14076	No	5-20-08 HM 875.7	DOES NOT APPLY TO THIS VALVE
2005-14-11	Propeller	Prevent blade failure that could result in separation of a propeller blade	39-14188	No	N/A PROP NOT O/H AT AFFECTED FACILITY	
2007-06-07	Airframe	Detect, correct, and prevent any chafing damage of the left propeller accumulator oil tube assembly	39-14988	No	N/A BY S/N	

AD #	Category	Subject	Amend. #	Recur.	Date and Hours	Next Due
2007-08-08	Airframe	Decrease the possibility of gear-up landings caused by seizure of the uplock rollers	39-15025	Yes		N/A BY S/N
2007-26-09	Propeller	To prevent failure of the propeller blade from fatigue cracks in the blade shank radius	39-15311	No		N/A BY PROP S/N'S
2008-13-17	Airframe	To prevent failure of the circuit breaker toggle switch	39-15580	No	10-19-09 HM 964.7	ONE TIME COMPLIANCE
2008-13-28	Propeller	To prevent failure of the propeller hub	39-15591	No		NOT EQUIPED WITH AFFECTED PROPELLERS
2009-16-03	Engine	To prevent the separation of the cylinder head	39-15986	No		NO SUPERIOR CYLINDERS INSTALLED
2009-19-07	Engine	Correction - To prevent loss of engine power due to cracks in the cylinder head, possible engine failure, and fire in the engine compartment	39-16023	No		NO EQ3 CYLINDERS INSTALLED
2009-24-52	Engine	To address rapid wear on the face of hydraulic lifters	N/A	No		SUPERCEDED
2009-25-01	Airframe	To detect and correct an incorrect washer installed in the pilot and copilot shoulder harnesses	39-16118	No		N/A BY SERIAL NUMBER
2010-11-04	Engine	To prevent excessive hydraulic lifter wear	39-16309	No	6-14-10 HM 1000.4	AFFECTED LIFTERS NOT INSTALLED

Airframe Maintenance Entry N328M 12 May 2012  
Beech 58 S/N: TH-1992 HM: 1287.0 TTAF: 1287.0

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

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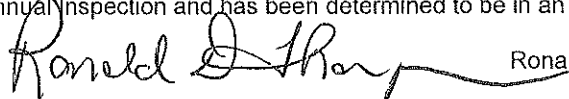
Aircraft

Reg #

DATE

Y M

Performed 100 Hour/Annual Inspection/Maintenance I.A.W. Beechcraft 58 100 Hour/Annual Inspection Long Form. Replaced inline pneumatic filters P/N 2J4-7. Replaced air pump inlet filters P/N D9-14-5. Replaced both Bracket Air Filters, P/N BA-7705. Adjusted cabin door lock cylinder. Removed RH Exhaust Stack on LH engine, and reinstalled after repairs by Aerospace Welding, FAA RS # UWDR792L, Job # 61977. Adjusted Left MLG Uplock to correct tolerance. Removed left Alternator and replaced with O/H Alternator P/N 649303, S/N 009DA0024. Replaced left Alternator Drive Coupling P/N 646655. Replaced partial trim tab hinge half on left Elevator. Replaced #6 EGT probe, P/N M-111, on left engine. Replaced intake couplings, P/N 654439-1, on right engine. Replaced engine mounts, P/N J-10778-16 on right engine. Replaced # 2 cylinder with new ECI steel cylinder assy, P/N 714C, S/N 85622-23, on right engine. Repaired broken wire on right engine fuel flow indicating system. Reconnected loose wire on left engine in prop sync system. Serviced Shimmy Dampner. Re-safetied both props. Work performed by Joshua Miley, James Trigg, Ray Hopper, and David Entekin.  
Performed Annual Inspection I.A.W. 14 CFR 43, App D. Performed operational test of ELT I.A.W. 14 CFR 91.207. No defects noted. ELT battery expires May 2013. AD 2012-03-06C is N/A, no affected parts installed. AD 2004-21-05 Heater Pressure Decay Test and Operational Test of Pressure Switch due by the end of June 2012 or Heater Hobbs 201. Performed ground run, operational and leak checks. No defects noted. I certify this aircraft has been inspected I.A.W. an Annual Inspection and has been determined to be in an airworthy condition. END.



Ronald D. Thompson A&P 3033312 IA

Airframe Maintenance Entry September 14, 2012

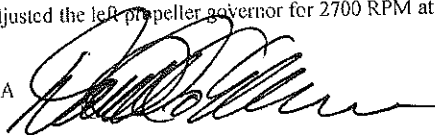
N328M Beech 58

Aircraft HM 1131.1

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Removed the 11 pound antenna transmitter radar unit from the nose bulkhead and sent for repair. Placarded panel and provided temporary weight and balance information. Installed a new 102-389015-5 tachometer generator serial number 5-445B on the left side. Adjusted the left propeller governor for 2700 RPM at takeoff.

David C Entekin A&P 3398537 IA



Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Airframe Maintenance Entry N328M 16 October 2012  
Beech 58 S/N: TH-1992 Aircraft HM: 1344.0

Installed two new Goodyear Flight Custom III 6.50-8 8 ply tires (SN's 21092106 & 21092109) and Aero Class BUTYL tubes on the main mounts. Static balanced assemblies and inflated tires with dry nitrogen. Cleaned and packed wheel bearings. Reinstalled wheels and brakes. END.

  
Charles R. Hopper A&P # 3564582

Airframe Maintenance Entry      N328M      24 October 2012  
Beech 58      S/N: TH-1992      Aircraft HM: 1346.6

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Re-installed radar unit after repairs by Duncan Aviation, CRS# JGVR194F.  
Operational check satisfactory. No defects noted. END.

Harold D. Thompson

Ronald D. Thompson A&P # 3033312

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

**Airframe Maintenance Entry**      **N328M**      **December 6, 2012**  
**Beech 58**      **S/N: TH-1992**      **Aircraft HM: 1357.1**

Removed left brake master cylinder shaft assemblies. Polished scratches from shaft seal regions. Reinstalled and bled brakes, no leaks or anomalies were noted.

David C Entrekina A&P 3398557

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Airframe Maintenance Entry	N328M	December 28, 2012
S/N: TH-1992	Hour Meter: 1361.0	TTAF:

During preflight inspection found left inboard gear door drooping. Jacked aircraft, found forward hinge bracket on inboard left landing gear cracked. Removed seats and spar cover to gain access to landing gear motor. Disconnected rod end and removed left inboard landing gear door. Removed cracked hinge bracket and installed new bracket, P/N 95-110031-45. Reinstalled door and rigged. Cycled landing gear, gear working correctly. Reinstalled seats and spar cover and removed aircraft from jacks. END

Charles R. Hopper  
AP 3564582

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Right Engine Maintenance Entry N328M February 1, 2013  
Teledyne Continental S/N: 684473 Hour Meter: 1368.3

Removed cowl. Drained oil and removed filter. Inspected filter. No metal noted. Collected oil sample mid-stream. Installed new CH48108-1 oil filter and safe tied. Serviced engine sump with 10 quarts Aeroshell 15W50 engine oil. Washed engine. Ground ran. No leaks noted. END

R.G. Sheridan A&P 3405349 1A

## MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_

Serial Number \_\_\_\_\_

WO# 25881

1. CUSTOMER CALLED AND ORDERED EXCHANGE SERVO TO BE DROP SHIPPED. ORDERED SERVO AND CUSTOMER TO RETURN CORE.

Qty	Part # \ Serial #
1.00	KS271C
1.00	UPS

Description
SERVO
SHIPPING

Each	Extended
1,984.000	1,984.00
0.000	0.00

## MAINTENANCE RELEASE /REPAIR STATION #YN1R644K

The Aircraft, component, propeller or appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service.

Inspector/ Authorized Signature

Date

3/20/13

LABOR:	42.50
Parts & Equip:	1,984.00
Shipping & Handling:	110.00
Sub Total:	2,136.50
ARKANSAS SALES:	128.19
CITY OF PINE BLUFF:	34.72
JEFFERSON COUNTY:	34.72

Invoice TOTAL: 2,334.13

E-MAIL JERRY AT JERRY@TOMLINSONAVIONICSINC.COM  
VISIT US ON THE WEB AT WWW.TOMLINSONAVIONICSPB.COM

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Airframe Maintenance Entry N328M March 21, 2013  
S/N:TH-1992 Hour Meter:1381.8

Removed roll servo and installed overhauled roll servo P/N 065-00179-0100, S/N 12446. Servo overhauled by MIDCONTINENT Instruments and Avionics INC, FAA CRS # OL2R061L, W/O 0210261, dated Jan 8, 2013. Tested servo system no issues noted at this time. -END-

Joshua Bradley Miley  
A&P 3608512

NSN: 0052-00-012-9005

Records must contain an installation

**AUTHORIZED RELEASE CERTIFICATE**  
FAA Form 8130-3, AIRWORTHINESS APPROVAL

**MidContinent**  
INSTRUMENTS+AVIONICS

10 E. 34th Street N.  
Hickory, KS 67226-2615

FAA CRS OL2R06

8. Part Number:	9. Eligibility:	10. Quantity:	11. Remarks:
5-00179-0100	N/A	1	
KS-271C			

DESCRIBES THE ACTUAL WORK PERFORMED.


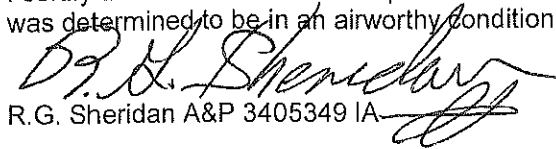
MANUAL # 006-15647-0001 1 10/1/05

carried out in accordance with EASA Part-145 and in respect to that v  
SA Part-145 Approval Number: EASA 145.4675

## MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_


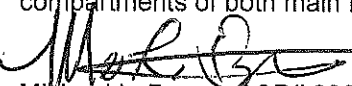

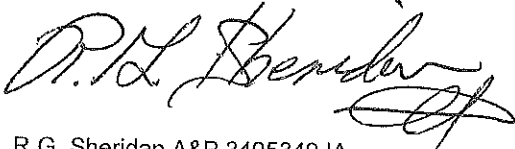
DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				<i>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</i> 		
				<b>Airframe Maintenance Entry N328M June 12, 2013</b> <b>Beechcraft Baron 58 S/N: TH-1992 Hobbs: 1401.4</b>		
				<b><u>Maintenance Actions</u></b>		
				1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Corp. Baron 58 Maintenance Manual Inspection Checklist.		
				2) Performed operational check of ELT in accordance with 14 CFR 91.207(d). No defects noted. Replaced battery, P/N: ELT 110-4, replacement due March 2015.		
				3) Performed Differential Compression Check. Results as follows: Right engine: 1) 68/80, 2) 65/80, 3) 60/80, 4) 72/80, 5) 64/80, 6) 78/80. Left engine: 1) Replaced, 2) 62/80, 3) 55/80, 4) 68/80, 5) 64/80, 6) 70/80.		
				4) Changed oil and filter. Serviced Left engine with 11 quarts Phillips X/C 20W/50 and one each Champion CH48108-1 filter. Cut open and inspected filter, no metal found.		
				5) Changed oil and filter. Serviced Right engine with 11 quarts Aeroshell 15W/50 and one each Champion CH48108-1 filter. Cut open and inspected filter, no metal found.		
				6) Replaced #1 Cylinder assembly on left engine, P/N: TIST714CCA. Had connecting rod re-bushed by Rick Romans, work order # 47920, to new Gideon pin, P/N: 6330046.		
				7) Replaced both brake master cylinders on pilot side, P/N: 96-380034-23.		
				8) Replaced all P/N: RA006-09700, Rapco brake linings, on both calipers.		
				9) Tightened aft exhaust pipe on left side and replaced broken hanger, P/N: 96-950013-10.		
				<Continued>		
				10) Replaced both batteries, P/N: G-25, S/N's: G02738746 and G02747474.		
				11) Replaced Starter on right engine, P/N: 646275-1.		
				12) Replaced left engine induction Scat hose, P/N: SCAT12. Also replaced right engine heater scat, P/N: SCAT6.		
				13) Adjusted Right and Left Landing gear up-lock cable tensions.		
				Work accomplished by: Charles R. Hopper, Michael L. Brown, Josh B. Miley, and Richard G. Sheridan.		
				<b><u>Airworthiness Directives:</u></b>		
				1) Complied With <b>AD 2004-21-05, Amndt. 39-9773</b> , Heater Decay Test, next due @ Heater Hour Meter 270.2 or 06-05-2015.		
				2) Complied With <b>AD 2012-10-02, Amndt. 39-17051 and Service Bulletin-4039</b> . Fuel line inspection.		
				Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.		
				I certify this aircraft has been inspected in accordance with an <b>ANNUAL INSPECTION</b> and was determined to be in an airworthy condition. END.		
				 R.G. Sheridan A&P 3405349 IA		



## MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
<p><i>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</i> </p> <p><b>Airframe Maintenance Entry</b>      <b>N328M</b>      <b>July 17, 2013</b>  <b>Beech 58</b>      <b>S/N:TH-1992</b></p> <p>Complied with Service Bulletin 28-4120 by jacking aircraft and performing visual inspection. Compliance of this Service Bulletin was conducted to verify that fuel selector cables are properly secured and clear of adjacent components within the wheel well compartments of both main landing gears. No discrepancies noted.</p> <p>  Michael I. Brown: A&amp;P# 3606283</p>						
<p><i>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</i> </p> <p><b>Airframe Maintenance Entry</b>      <b>N328M</b>      <b>May 7, 2014</b>  <b>Beechcraft Baron 58</b>      <b>S/N: TH-1992</b>      <b>Hobbs: 1483.1</b></p> <p><b>Maintenance Actions</b></p> <ol style="list-style-type: none"> <li>1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Corp. Baron 58 Maintenance Manual Inspection Checklist.</li> <li>2) Performed operational check of ELT in accordance with 14 CFR 91.207(d). No defects noted. Battery replacement due March 2015.</li> <li>3) Performed Differential Compression Check. Results as follows: Right engine: 1) 66/80, 2) 76/80, 3) 70/80, 4) 74/80, 5) 64/80, 6) 70/80. Left engine: 1) 76/80, 2) 62/80, 3) replaced, 4) 68/80, 5) 72/80, 6) 70/80.</li> <li>4) Changed oil and filter. Serviced Left engine with 11 quarts Phillips 20W50 XC and one each Champion CH48108-1 filter. Cut open and inspected filter, no metal found.</li> <li>5) Changed oil and filter. Serviced Right engine with 11 quarts Phillips 20W50 XC and one each Champion CH48108-1 filter. Cut open and inspected filter, no metal found.</li> <li>6) Replaced #3 Cylinder assembly on left engine, Superior P/N: SA52006-A23P, S/N: 526D1413880, Superior piston pin P/N: SA630046, lot # B140094239, and ECI piston P/N: AEC654857, lot # PIS0909857 rev. L.</li> <li>7) Replaced air induction box to throttle body duct P/N: 96-919111, and gasket P/N: 652163.</li> <li>8) Replaced heli-coil on right engine # 3 cylinder bottom spark plug hole.</li> </ol> <p>Work accomplished by: Charles R. Hopper, David C. Entrekin, James W Trigg, and Richard G. Sheridan.</p> <p><b>Airworthiness Directives:</b></p> <ol style="list-style-type: none"> <li>1) Heater Decay Test, next due @ Heater Hour Meter 270.2 or 06-05-2015.</li> <li>2) Complied With AD 2012-10-02, Amndt. 39-17651 and Service Bulletin-4039. Fuel line inspection.</li> <li>3) Complied with AD 2013-16-01, Amndt. 39-1739 and Service Bulletin - 55-4089, Rev.2. Elevator balance weights, by inspection as per SB. Next inspection due at Tach 1583.1.</li> </ol> <p>Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.</p> <p>This aircraft has been inspected in accordance with an <b>ANNUAL INSPECTION</b> and was determined to be in an airworthy condition. END.</p> <p>  R.G. Sheridan A&amp;P 3405349 IA</p>						

R.G. Sheridan A&amp;P 3405349 IA

# MAINTENANCE/INSPECTION ENTRIES

30

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Airframe Maintenance Entry N328M May 20, 2014  
Beechcraft Baron 58 S/N: TH-1992 Hobbs: 1486.9

Removed both main wheel and tire assemblies and disassembled wheel halves. Installed 2 new Goodyear Flight Custom III tires, P/N 301-036-006, S/N's 21092135 and 20162301 and 2 new Michelin Airstop tubes, P/N 092-337-0. Reassembled wheels and torqued wheel bolts. Serviced with dry nitrogen per P.O.H. and balanced wheel assemblies. Tightened axle bolts and saftied. Reinstalled brake assemblies. -END-

Charles R. Hopper  
AP 3564582

LICENSE  
NUMBER

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Airframe Maintenance Entry N328M June 4, 2014  
Beechcraft Baron 58 S/N: TH-1992 Hobbs: 1492.4

Replaced both right gear inboard door aft hinge support brackets, P/N 95-110032-41 (aft) and 95-110032-39 (fwd). Performed gear swing. No issues noted.

AP 3564582

MECHANIC

INSPECTOR

CUSTOMER Madison Air Center

WORK ORDER # 1648

DATE 7-9-14

P/N B210800

GOVERNOR

Constant Speed

MFG.

WOODWARD

S/N

12402362 J

Drive Gear OK Idler Stud OK Speeder Spring OK Spool OK Idler Gear OK Idler Bearing RPL Relief Spring OK  
Cap OK Sp. Adj. Shaft OK Housing OK Relief Valve OK Flyweight OK Sp. Rack — Control Arm OK  
Return Spring OK Flyweight Pins RPL Assemble RF Test RF

Feathering ✓

Unfeathering ✓

Synchronized ✓

Magnetic Pickup OK Coil OK Motor — Potentiometer — Micro SW — Lift Rod OK Unfeathering Rod OK  
Unfeathering Valve OK Unfeathering Actuator OK Assemble RF Test RF


Turbo —

Primary —

## MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Req # \_\_\_\_\_ Owner's Name \_\_\_\_\_

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

**Airframe Maintenance Entry**      **N328M**      **July 11, 2014**  
**Beechcraft Baron 58**      **S/N: TH-1992**      **Hobbs: 1502.1**

Reinstalled B210800 propeller governors following overhaul by Aircraft Accessories of Oklahoma FAA CRS RV3R829L on July 9, 2014. The left governor, serial 12402362J was overhauled under WO 7648 and the right governor, serial 12402355J was overhauled under WO 7649. The aircraft was ground ran and no anomalies or leaks were indicated. A new static wick and base was installed on the left outboard wing position. Work was performed by JW Trigg.

David C Entrekin A&P 3398557 Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

**Airframe Maintenance Entry**      **N328M**      **August 7, 2014**  
**Beech 58**      **S/N: TH-1992**      **HM 1508**

Installed a new TSO-C80 left outboard fuel tank. The tank was mfg. by Floats and Fuel Cells with a material date of 11/12 and an assy. date of 11-20-13. The unit part number was 2646-3 (60-921046-3 equiv.) bearing SN CR877. The wing was serviced to capacity with fuel and leak checked, no leaks were noted.

David C Entrekin A&P 3398557 
  
 Floats & Fuel Cells Representative

100-00012000 and AS9100 Certificate No. 12986

BILL TO:

MADISON AIR CENTER/MAC AIRCRAFT SERVICE

 7450 OLD CANTON ROAD  
 MADISON, MS 39110  
 US

SHIP TO:

MADISON AIR CENTER/MAC AIRCRAFT

 7450 OLD CANTON ROAD  
 MADISON, MS 39110  
 US

US

CUSTOMER NO	SHIP DATE	SHIP VIA	CUSTOMER PIO NUMBER		
000000074739	7/30/2014	UPS Memphis, TN	N328M		
QTY	QTY TO SHIP	ITEM NO.	DESCRIPTION	UOM	QTY PACKED
1	1	2646-3	BEECHCRAFT FUEL CELL 14 GAL LE S/A 60-921046-3-1 SERIAL NO: CR877	EA	1.00
1	1	NEWKIT	INSTALLATION KIT		

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MBER

PAGE NO

8/7/14  
@ 7500

**Airframe Maintenance Entry**

**N328M**

**October 16, 2014**

**S/N: TH-1992**

**Hour Meter: 1532.1**

Removed landing gear actuator and overhauled in accordance with instructions in MM section 32-30-00, P 205-210. Replaced shaft-handcrank LD PN: 35-810095. Replaced bearing PN: 5201 KD and bearing B-88-OH. Replaced worm gear PN# 35-810076-3. Replaced all seals. Actuator was completely disassembled and inspected, no further damage noted. Installed actuator and checked all rigging, found to be within specifications. Landing gear was operated through four no fault cycles. Work performed by R Sheridan, M Brown.

David C Entrekin A&P 3398557

ENSE  
MBER

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

**Airframe Maintenance Entry**

**N328M**

**May 1, 2015**

**Beechcraft Baron 58**

**S/N: TH-1992**

**Hobbs: 1586.8**

**Maintenance Actions**

- 1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Corp. Baron 58 Maintenance Manual Inspection Checklist.
- 2) Performed operational check of ELT in accordance with 14 CFR 91.207(d). No defects noted. Installed new battery, PN# ELT 110-4. Battery replacement due October 2017.
- 3) Performed Differential Compression Check. Results as follows: Right engine: 1) 70/80, 2) 76/80, 3) 64/80, 4) 66/80, 5) 50/80, 6) 60/80. Left engine: 1) 74/80, 2) 48/80, 3) 70/80, 4) 57/80, 5) 50/80, 6) 45/80.
- 4) Changed oil and filter. Serviced Left engine with 11 quarts Phillips 20W50 XC and one each Champion CH48108-1 filter. Cut open and inspected filter, no metal found.
- 5) Changed oil and filter. Serviced Right engine with 11 quarts Phillips 20W50 XC and one each Champion CH48108-1 filter. Cut open and inspected filter, no metal found.
- 6) Performed pitot static and transponder system check IAW FAR 91.411, and 91.413. No discrepancies noted. Next check due by May 2017.
- 7) Replaced two spark plugs on left engine on #1 Cylinder.
- 8) Removed and replaced all brake linings, PN# 066-9700.
- 9) Replaced o-rings in right brake caliper due to leak. PN# MS28775-132.
- 10) Replaced both main batteries. Gill G-25.
- 11) Installed new diode on left engine surface deice solenoid control valve

Work accomplished by: Charles R. Hopper, David C. Entrekin, James W Trigg, and Richard G. Sheridan.

**Airworthiness Directives:**

- 1) **Heater Decay Test**, next due @ Heater Hour Meter 289.4 or 05-2017.
- 2) **Complied with AD 2013-16-01, Amndt. 39-1739 and Service Bulletin - 55-4089, Rev.2.**  
Elevator balance weights, by inspection as per SB. Next inspection due at Tach 1686.8.  
Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.  
This aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in an airworthy condition. END.

Michael L. Brown A&P# 3606283 IA

**Airframe Maintenance Entry** **N328M** **May 8, 2015**  
**Beech 58** **S/N: TH-1992** **HM: 1589.8**

Removed left engine cowling and co-pilot seat. Recovered refrigerant from air conditioning system. Replaced hose fitting on suction side of compressor. Replaced compressor P/N: 36-555003-3 and receiver/dryer P/N: 90-384019-3. Repaired idler pulley bolt. Purged system and serviced with 2 lbs. 6 oz. R-134A refrigerant using temperature saturation method. System working correctly. Reinstalled seat, seat stops, and cowling.

*CR Hopper*

Charles R. Hopper  
 AP 3564582

**Airframe Maintenance Entry** **N328M** **July 14, 2015**  
**Beech 58** **S/N: TH-1992** **HM: 1611.4**

Installed overhauled 102-380011-31 tachometer indicator on the right side serial 1348. This unit was overhauled by Precision Accessories FAA CRS ZV4R714M on WO 3024178 dated 26 Feb 2014.

*David C Entekin*

David C Entekin A&P 3398557

**Airframe Maintenance Entry** **N328M** **September 30, 2015**  
**Beech 58** **S/N: TH-1992** **HM: 1636.4**

Deice boot activation trips circuit breaker. Isolated components by ease of access, right regulator defeat, ejector valve and timer and left regulator. Left regulator diode was found to be defective and the ejector was found to have a loose connection. Installed new diodes and repaired the wiring. Reinstalled all panels. Deice boot operational check ok.

*David C Entekin*

David C. Entekin  
 AP 3399557

**Airframe Maintenance Entry** **N328M** **March 16, 2016**  
**Beech 58** **S/N: TH-1992** **HM: 1668.1**

Purged air conditioning system. Installed new high pressure switch pn 60-389026-1. Applied vacuum to system. Serviced system with 1 lb 4 oz R-134A refrigerant. Ground ran aircraft and serviced system using temperature saturation method. System operation normal. Re-torqued right wing outboard fuel probe hardware, no leaks noted.

*CR Hopper*

Charles R. Hopper  
 AP 3564582 IA

1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 4986122	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 2186992		
6. Item: 10	7. Description: SWITCH	8. Part Number: 60-389026-1	9. Quantity: 1	10. Serial Number: 1345	11. Status/Work: New	
12. Remarks: AIRWORTHINESS APPROVAL - PARTS.						



Airframe Maintenance Entry N328M May 20, 2016  
Beechcraft Baron 58 S/N: TH-1992 Hobbs: 1687.1 AFTT: 1687.1

**Maintenance Actions**

- 1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Corp. Baron 58 Maintenance Manual Inspection Checklist.
- 2) Performed operational check of ELT in accordance with 14 CFR 91.207(d). No defects noted. Battery replacement due October 2017.
- 3) Performed Differential Compression Check. Results as follows: Left engine: 1) 76/80, 2) 64/80, 3) 78/80, 4) 62/80, 5) 44/80, 6) 64/80. Right engine: 1) 56/80, 2) 70/80, 3) 60/80, 4) 64/80, 5) 60/80, 6) 64/80 (MOT 44).
- 4) Drained left and right engine oil. Removed oil filters and inspected with no metal noted. Installed new CH48108-1 filters and saftied. Serviced both engines with 11 quarts Phillips 20W50 XC.
- 5) Installed two new URHB32E spark plugs in the left engine.
- 6) Installed two new G-25 aircraft batteries sn's G02886313 and G02902892.
- 7) Replaced left and right vacuum system filters pn AAD9-14-5 and AA2J4-7.
- 8) Replaced left and right engine induction air filters pn BA-7705.
- 9) Installed new air conditioner tensioner bolt pn 58-5550156-1.
- 10) Installed new right engine aft baffle bracket pn 96-910020-137.
- 11) Replaced left engine tailpipe attach brackets pn 58-950000-35 with new hardware.
- 12) Cleaned left and right engine fuel injector nozzles.
- 13) Installed new RA164-06106 brake disc, 066-009700 brake linings, 092-337-0 tire and 658C86-4 tube on left and right main gear.
- 14) Complied with 500 hour magneto inspection on left and right engine magnetos. New K3215 carbon brush assembly installed in right magneto on right engine. 1955290 coil installed in left magneto on left engine. Reinstalled magnetos and timed to engines.

Work performed by Charles R. Hopper, David C. Entrekin, R. G. Sheridan and Jacob Cox.

**Airworthiness Directives:**

- 1) Heater Decay Test, next due @ Heater Hour Meter 289.4 or 05-2017.
- 2) Complied with AD 2013-16-01, Amndt. 39-1739 and Service Bulletin - 55-4089, Rev.2. Elevator balance weights, by inspection as per SB. Next inspection due at Tach 1787.1

Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted, at this time.

This aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in an airworthy condition. END

R. G. Sheridan  
A&P/IA 3405349



Airframe Maintenance Entry N328M

Installed new  
leaks noted.

*CRH*

Charles R. Hopper  
AP 3564582

13a. Certifies the items identified above were manufactured in conformity to:

- ☒ Approved design data and are in condition for safe operation.
- ☐ Non-approved design data specified in Block 12.

13b. Authorized Signature:

*Charles R. Hopper*

13c. Approval / Auth. No.:

311103555

14a. ☐

Cert  
and  
Fed  
ret

14b. Au

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

**Airframe Maintenance Entry**

N328M

February 21, 2017

Beech 58

S/N: TH-1992

HM: 1754.4

35

Removed autopilot roll servo. Installed overhauled roll servo pn 065-00179-0100 sn 9189.  
Tensioned bridle cables to 15 lbs.

David C. Entrekin  
AP 3398557

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

**Airframe Maintenance Entry**

N328M

May 19, 2017

Beechcraft Baron 58

S/N: TH-1992

Hobbs: 1772.8 AFTT: 1772.8

**Maintenance Actions**

- 1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Corp. Baron 58 Maintenance Manual Inspection Checklist.
- 2) Performed operational check of ELT in accordance with 14 CFR 91.207(d). No defects noted. Battery replacement due October 2017.
- 3) Performed Differential Compression Check. Results as follows: Left engine: 1) 79/80, 2) 63/80, 3) 76/80, 4) 64/80, 5) 53/80, 6) 66/80. Right engine: 1) 72/80, 2) 78/80, 3) 67/80, 4) 73/80, 5) 60/80, 6) 65/80 (MOT 47/80).
- 4) Drained left and right engine oil. Removed oil filters and inspected with no metal noted. Installed new CH48108-1 filters and saftied. Serviced both engines with 11 quarts Phillips 20W50 XC.
- 5) Resealed front air conditioner compressor crankcase through bolts.
- 6) Repositioned left engine right magneto to facilitate magneto to engine timing.
- 7) Replaced left and right vacuum system filters pn AAD9-14-5 and AA2J4-7.
- 8) Replaced left and right engine induction air filters pn BA-7705.
- 9) Performed heater decay test. Next due May 2019 or heater time 301.6, whichever occurs first.
- 10) Repaired left engine #3 ~~CAT~~ harness connector.
- 12) Cleaned left and right engine fuel injector nozzles.
- 13) Serviced propeller accumulators with nitrogen.

Work performed by Charles R. Hopper, David C. Entrekin and R. G. Sheridan.

**Airworthiness Directives:**

- 1) Heater Decay Test, next due @ Heater Hour Meter 301.6 or 5-2019.
- 2) Complied with AD 2013-16-01, Amndt. 39-1739 and Service Bulletin - 55-4089, Rev.2.  
Elevator balance weights, by inspection as per SB. Next inspection due at Tach 1872.8

Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.

This aircraft has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition. END

David C. Entrekin  
A&P/IA 3398557

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

**Airframe Maintenance Entry**

N328M

November 21, 2017

Beech 58

S/N: TH-1992

HM: 1804.8

Installed new flap motor pn C145-450-3. Flap operation normal.




David C. Entrekin  
AP 3398557

# MAINTENANCE/INSPECTION ENTRIES

36

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
<p><i>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</i> </p> <p>Airframe Maintenance Entry N328M October 27, 2017  Beechcraft Baron 58 S/N: TH-1992 Hobbs: 1796.0 AFTT: 1796.3</p> <p><b>Maintenance Actions</b></p> <ol style="list-style-type: none"> <li>1) Removed left propeller pn PHC-J3YF-2UF sn ED446B and right propeller pn PHC-J3YF-2UF sn ED4445B for overhaul.</li> <li>2) Removed left engine model IO550C31 sn 684472 and right engine model IO550C31 sn 684473.</li> <li>3) Installed D'Shannon Aviation baffling kit sn D4992 on factory new engines, left sn1034576, right sn 1034605 per STC SA09220SC reissue date June 17, 2011..</li> <li>4) Installed factory new IO-550C49B engine sn 1034576 with new Lord mounts pn J10778-16 and new Teflon flammable fluid hose kit pn BE 58-2L from Precision Hose Technology, Tulsa, OK in left position.</li> <li>5) . Installed factory new IO-550C49B engine sn 1034605 with new Lord mounts pn J10778-16 and new Teflon flammable fluid hose kit pn BE 58-2R from Precision Hose Technology, Tulsa, OK in right position.</li> <li>6) Reinstalled exhaust systems after repair by Dawley Aviation FAA CRS NJ5R069N, sales order 108279 dated 10/23/17.</li> <li>7) New exhaust brackets pn 96-950013-9 and 96-640012-5 installed on right engine exhaust.</li> <li>8) Reinstalled propellers after overhaul by First Flight Propeller, LLC FAA CRS FG7R547X on work orders 2294 and 2295 dated 10/12/17.</li> <li>9) Installed new deice brush block pn RA2171on right engine.</li> <li>10) Ground ran engines and set fuel systems per Continental SD97-3</li> </ol> <p>Work performed by Charles R. Hopper, David C. Entrekin and R. G. Sheridan.</p> <p>  Charles R. Hopper  AP 3564582</p>						
<p><i>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</i> </p> <p>Airframe Maintenance Entry N328M April 16, 2018  Beechcraft Baron 58 S/N: TH-1992 Hobbs: 1824.9 AFTT: 1824.9</p> <p><b>Maintenance Actions</b></p> <ol style="list-style-type: none"> <li>1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Corp. Baron 58 Maintenance Manual Inspection Checklist.</li> <li>2) Installed new ELT battery pn 110-4. Performed operational check of ELT in accordance with 14 CFR 91.207(d). No defects noted. Battery replacement due September 2020.</li> <li>3) Performed Differential Compression Check. Results as follows: Left engine: 1) 76/80, 2) 76/80, 3) 72/80, 4) 74/80, 5) 75/80, 6) 75/80. Right engine: 1) 75/80, 2) 76/80, 3) 76/80, 4) 74/80, 5) 75/80, 6) 75/80 (MOT 45/80).</li> <li>4) Drained left and right engine oil. Removed oil filters and inspected with no metal noted. Installed new CH48108-1 filters and saftied. Serviced both engines with 12 quarts Phillips 20W50 XC.</li> <li>5) Replaced left and right vacuum system filters pn AAD9-14-5 and AA2J4-7.</li> <li>6) Replaced left and right engine induction air filters pn BA-7705.</li> <li>7) Installed new right side throttle cable pn 102-389010-47.</li> <li>10) Adjusted left and right engine oil pressures up 1/4 turn.</li> <li>11) Adjusted left and right engine take off fuel flows up 1/4 turn.</li> <li>12) Performed annual capacity check of both aircraft batteries, passed at 83%.</li> <li>13) Installed new 658C86-4 tire and 092-337-0 tubes on left and right main gear.</li> </ol>						



Work performed by Charles R. Hopper, David C. Entrekin, Stephen Brent Duncan and R. G. Sheridan.

**Airworthiness Directives:**

- 1) Heater Decay Test, next due @ Heater Hour Meter 301.6 or 5-2019.
- 2) Complied with AD 2013-16-01, Amndt. 39-1739 and Service Bulletin - 55-4089, Rev.2.  
Elevator balance weights, by inspection as per SB. Next inspection due at Tach 1924.9.

Aircraft M

Reg #

Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.

This aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.  
p

David C. Entrekin  
A&P/IA 3398557



Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Airframe Maintenance Entry N328M May 10, 2019

Beechcraft Baron 58 S/N: TH-1992 Hobbs: 1892.3 AFIT: 1892.3

**Maintenance Actions**

- 1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Corp. Baron 58 Maintenance Manual Inspection Checklist.
- 2) Installed new ELT battery pn 110-4. Performed operational check of ELT in accordance with 14 CFR 91.207(d). No defects noted. Battery replacement due September 2020.
- 3) Replaced left and right vacuum system filters pn AAD9-14-5 and AA2J4-7.
- 4) Replaced left and right engine induction air filters pn BA-7705.
- 5) Installed new R33395 air conditioner belt.
- 6) Installed new right inboard fuel cell pn 2034-4 sn CR1224 and new right wing box tank pn 2503-10 sn CR1392 with new installation kits. Fuel cells produced by Floats and Fuel Cells Memphis, TN.
- 7) Installed one new G-25 aircraft battery.
- 8) Performed heater decay test, no defects noted.
- 9) Installed new 068-02700 shims on left and right brake assemblies.

Work performed by Charles R. Hopper, David C. Entrekin and Stephen Brent Duncan.

**Airworthiness Directives:**

- 1) Heater Decay Test, next due @ Heater Hour Meter 310.1 or 5-2021.

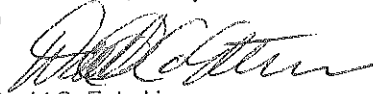
- 2) Complied with AD 2013-16-01, Amndt. 39-1739 and Service Bulletin - 55-4089, Rev.2.  
Elevator balance weights, by inspection as per SB. Next inspection due at Tach 1992.3.

Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.

This aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.

p

David C. Entrekin  
A&P/IA 3398557



# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE		
Y	M	
		<p>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</p> <p><b>Airframe Maintenance Entry</b> N328M May 19, 2020  <b>Beechcraft Baron 58</b> S/N: TH-1992 Hobbs: 1944.4 AFTT: 1944.4</p> <p><b>Maintenance Actions</b></p> <ol style="list-style-type: none"> <li>1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Corp. Baron 58 Maintenance Manual Inspection Checklist.</li> <li>2) Installed new ELT battery pn 110-4. Performed operational check of ELT in accordance with 14 CFR 91.207(d). No defects noted. Battery replacement due September 2020.</li> <li>3) Replaced left and right vacuum system filters pn AAD9 14-5 and AA2J4-7.</li> <li>4) Replaced left and right engine induction air filters pn BA-7705.</li> <li>5) Installed new FAA/PMA right outboard fuel cell pn 2646-4 (S/A 60-921046-2, -4) sn CR1009 produced by Floats and Fuel Cells Memphis, TN.</li> <li>6) New right hand outboard exhaust bracket 96-950013-9</li> <li>7) Installed new Performance Aero landing gear anti-ice covers pn 081 on left and right main gear.</li> <li>8) Installed new GE4596 left landing light bulb</li> </ol> <p>Work performed by Charles R. Hopper, David C. Entekin and Lawrence D. Zavoina.</p> <p><b>Airworthiness Directives:</b></p> <ol style="list-style-type: none"> <li>1) Heater Decay Test, next due @ Heater Hour Meter 319 1 or 5-2021.</li> <li>2) Complied with AD 2013-16-01, Amndt. 39-1739 and Service Bulletin - 56-4089, Rev.2. Elevator balance weights, by inspection as per SB. Next inspection due at Tach 2092.4</li> </ol> <p>Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.</p> <p>This aircraft has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.</p> <p>Charles R. Hopper AP/A 3564582 <i>CR Hopper</i></p>
		<p>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</p> <p><b>Airframe Maintenance Entry</b> N328M May 4, 2021  <b>Beechcraft Baron 58</b> S/N: TH-1992 Hobbs: 1973.4 AFTT: 1973.4</p> <p><b>Maintenance Actions</b></p> <ol style="list-style-type: none"> <li>1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Corp. Baron 58 Maintenance Manual Inspection Checklist.</li> <li>2) Installed new ELT battery pn 452-0130. Performed operational check of ELT in accordance with 14 CFR 91.207(d). No defects noted. ELT Battery replacement due March 2024.</li> <li>3) Replaced left and right air pump inlet and inline filters pn AAD9-14-5 and AA2J4-7.</li> <li>4) Replaced left and right engine induction air filters pn BA-7705</li> <li>5) Installed new C-25 battery in forward position. Aft battery passed annual capacity check at 104%</li> <li>6) Installed new 154-03000 wheel bearing seals on left and right main gear wheels</li> </ol> <p>Work performed by Elliott Sanders, David C. Entekin and Mark A. Ochs.</p> <p><b>Airworthiness Directives:</b></p> <ol style="list-style-type: none"> <li>1) Complied with Heater Decay Test (leakage rate 6 PSI - 5.5 PSI in 45 seconds - passed, next due @ Heater Hour Meter 317 or 24 months (May 2023) whichever occurs first. Note 34E42-2 combustion switch installed).</li> <li>2) Complied with AD 2013-16-01, Amndt. 39-1739 and Service Bulletin - 56-4089, Rev.2. Elevator balance weights, by inspection as per SB. Next inspection due at Tach 2073.4.</li> </ol> <p>Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.</p> <p>This aircraft has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.</p> <p><i>MAO</i>  Mark A. Ochs AP/A 324663586</p>

**Airframe Maintenance Entry**      **N328M**      **5/1/22**  
**Beech 58**      **S/N: TH 1992**      **HOBBS: 1998.4 TTAF: 1998.4**

**39**

Removed inspected and tested ELT IAW FAR 91.207(d) Battery due date 3/23. Removed inspection panels lubricated all control systems. Inspected control cables and pulleys. Removed wheels and inspected and repacked all wheel bearings installed 1ea 13889-20629 wheel bearing and 1ea 13836-20629 race in LH main wheel. Installed 2ea 08125-20692 wheel bearings and 2ea 08231-20692 races in nose wheel. Performed gear emergency and normal retraction test and lubed landing gear. charged batteries and inspected electrical systems. Inspected firewall fuel screens. Inspected vacuum filters. Complied with AD 2013-16-01 elevator balance weights next due 2098.4. Heater decay test PCW due heater HOBBS 317 or May 2023.

Performed Annual Inspection in accordance with Beech Baron 55 and 58 Shop Manual. Performed ground run and operational checks. No defects noted at this time.

I certify this aircraft has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.

  
 Charles R Taylor A&P 3734996 IA


**LICENSE  
NUMBER**

Madison Air, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-1960

**Airframe Maintenance Entry**      **N328M**      **7/29/22**  
**Beech 58**      **S/N: TH 1992**      **HOBBS: 2008.6**

Removed A/C cowl flap actuator P/N 58-380080-3 S/N 730 and replaced with overhauled unit P/N 58-380080-3 S/N 273. OPS check good. NO further defects noted.


John Snazelle A&P 3841033



Madison Air, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-1960

**Airframe Maintenance Entry**      **N328M**      **4/5/22**  
**Beech 58**

Removed GNS 430 to send for repair at Bevan Avionics. Reinstalled and OPS check OK.

  
 Charles R Taylor

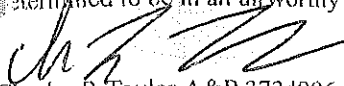
Madison Air, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-1960

**Airframe Maintenance Entry**      **N328M**      **5/12/23**  
**Beech 58**      **S/N: TH 1992**      **HOBBS: 2019.2 TTAF: 2019.2**

Removed inspected and tested ELT IAW FAR 91.207(d) Installed new battery P/N 452-0130 Due date 9/25. Removed inspection panels lubricated all control systems. Inspected control cables and pulleys. Removed wheels and inspected and repacked all wheel bearings. Resealed LH brake caliper with 3 MS28775-222 O-Rings and serviced brake system with 5606. Performed gear emergency and normal retraction test and lubed landing gear. charged batteries and inspected electrical systems. Inspected firewall fuel screens. Inspected vacuum filters. Installed new PPG windshield De-ice plate P/N 102-384017-9 S/N 20308H8863 and sealed with pro seal. See AD listing this date for compliance.

Performed Annual Inspection in accordance with Beech Baron 55 and 58 Shop Manual. Performed ground run and operational checks. No defects noted at this time.

I certify this aircraft has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.

  
 Charles R Taylor A&P 3734996 IA

Maintenance Entry N328M 4/30/24  
Tach: 2032.0

40

Performed main battery capacity test failed @40%. Serviced and replaced batteries with 2ea new Gill G-25 S/N G03223338 and S/N G03223318.

Charles R Taylor AP 3734996

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				<b>HAWKINS SERVICE CENTER</b> JACKSON, MISSISSIPPI  N328M      Model 58      s/n TH-1992      Date 9-18-2024      Hm 2031.0  This aircraft has been inspected and found safe for the intended ferry flight from KMBO to KHKS. Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>		
				→ <b>HAWKINS SERVICE CENTER</b> → JACKSON, MISSISSIPPI  N328M      Aircraft      Date 1-15-2025      Hour Meter & Total Time 2032.7  C/W AD2004-21-05 Heater decay test. C/W AD2013-16-01 Elevator balance weight. ELT inspected per FAR 91.207(d). ELT battery expiration date (9-2025). Aircraft jacked. Cleaned inspected and repacked all wheel bearings. Replaced bearings in lt main and nose wheels. Replaced main and nose tires. Rt and lt brake disc's replaced with p/n RA164-06106. New brake linings installed. Greased landing gear. Replaced seal in gear box. Adjusted lt inbd gear door. Tightened and safetied rt main gear drag brace lower attach bolt. Cycled landing gear. Retract and extension operational check OK. Lubricated emergency exit windows. Operational check OK. Secured lt elevator trim actuator assembly. Replaced elevator inboard hinge bearing assembly with serviceable assy p/n 95-610012019. Replaced rt wing nav light cover. Replaced lt stroke light with serviceable assy. Secured compass. Secured flap roller attach bolts. Serviced brake reservoir. Cleaned fuel strainers. Lubricated aircraft. Engine washed and ground ran. Operational checks OK. No leaks noted.  I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. Sheldon A Burgess A&P 2159379 IA <i>Sheldon A Burgess</i>		

PART IDENTIFICATION ONLY

N 8582 G S/N JA-SLX

Model 65K

MFG Beech

Tach/Hobbs

P/N 95-610012-19

Part Description Hinge

Elevator INBD

Part S/N

Date Removed May 2016

Superseuded by

95-610012-29