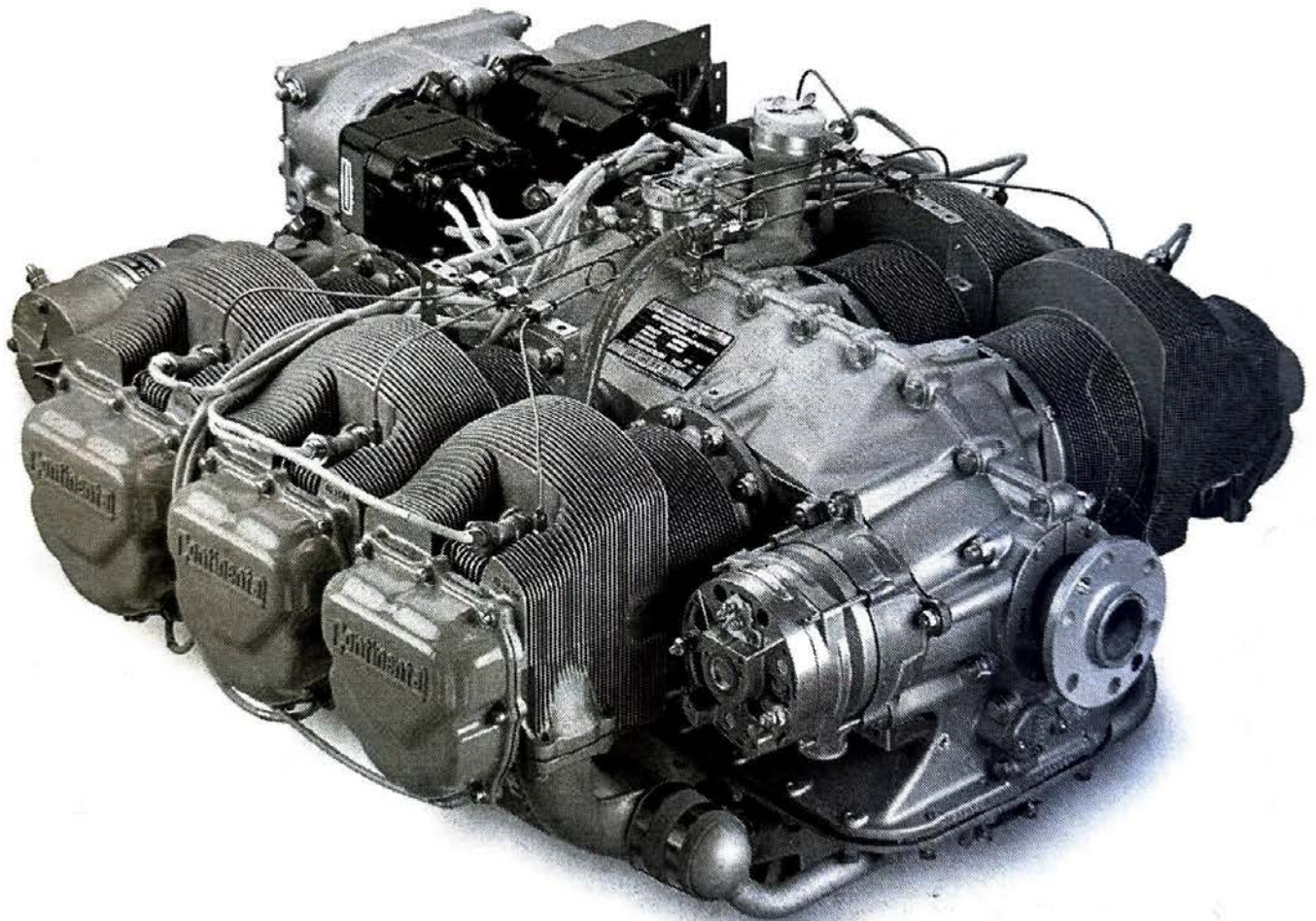


Left
N58TK

ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book
Directly to:

**Engine Return Department
2039 Broad Street
Mobile, AL 36615**

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 08/02/2008

This engine model TSI0520WB3F, Serial No. 518961 was manufactured on 08/01/2008 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Sep 3, 08 '0'					This engine installed on left side of P Baron N587F. New Lord mounts and hardware installed. New hoses installed. New air pump installed. All new exhaust installed. Prop & governor overhauled. New bat fold seals installed. Aeroshell 100 mineral oil installed for 25 hr. break in.
554 on meter					
'0' since new.					
					I certify that this aircraft has been inspected in accordance with a basic inspection and was determined to be in air worthy condition.
					Bobby O'Neil AD1548787AI
Oct 9, 08					Oil & Filter changed.
577 on meter.					Aeroshell 15W50.
23 since new.					Bob O'Neil AD1548787
2-12-09					Oil & Filter changed.
628 on meter					Aeroshell 15W50.
74 since new					Bob O'Neil AD1548787

Make: Teledyne Continental Motors
Model: TSIO520WB3
Serial No.: 518961



TCM CUSTOMER SUPPORT CENTER

Date: 07/22/2009
Hobbs Time: 649.2
Total Time: 95.2

TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed Left: Complied with TCM MSB09-1A by removing all 6 cylinders and installing factory new cylinder and valve assemblies, rings, gaskets and seals. Cylinder serial numbers #1 - AC09EA869, #2 - AC09EA525, #3 - AC09EB089, #4 - AC09EB090 #5 - AC09EB091 & #6 - AC09EB003. Installed a new seal wastegate fitting. Installed a new accessory drive shaft seal. Installed a new turbo compressor outlet seal and aligned outlet with intake tube. Changed oil and filter. Serviced engine with Aeroshell 100 mineral oil. Completed a ground run check and leak check. —END—

Authorized Signature For Repair Station ID4R254M: Michael C O'Neil
Details of the work performed is on file under Work Order No. 4269

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul		
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→		675		on meter.
Aug 27, 09					Oil changed, Aeroshell 15W50, Bob O'Neill AP1548489
Oct 1, 09			684		A 100 hr inspection completed per Beech M/M. Compression all good, checked plugs, mass & timing. Checked exhaust for leaks, checked prop & accessories.
					130 T.T.I.S.
					I certify that this aircraft has been inspected in accordance with a annual <u>annual</u> inspection and was determined to be in air worthy condition.
					Bob O'Neill AP1548489 AI
Oct 27, 09			705		on meter. Oil & Filter changed, Aeroshell 15W50, Bob O'Neill AP1548489
April 13, 2010			755		on meter. Oil & Filter changed, Aeroshell 15W50, Bob O'Neill AP1548489



* TOLEDO REPAIR STATION DSCR311D *
10971 E. Airport Service Rd. * Swanton, Ohio 43558
TEL: (419) 865-2311 FAX: (419) 866-1807

REG: N58TF
S/n: 518961

SN: TJ-292

HOBBS: 794.5

Drained Oil, removed and replaced the oil filter with a new Champion CH48108-1 oil filter, serviced engine with 12 quarts of Aeroshell 15W50 oil IAW Beechcraft M/M P/n 102-590000-5 Ch. 12-10-00 and Teledyne Continental OH manual X30574A Ch. 72-50-04 for torque values. Removed and replaced the Inboard exhaust risers and elbow, installed new risers as a group P# K6407-02 S# 195501 & Elbow P# K6407-10 S# 191279 using new gaskets & hardware. Replaced R/H Heat Shield using new 102-910054-23 & -11, -25 Clips, -13 Doubler; all IAW Teledyne Continental OH manual P/n X30574A Ch. 72-50-04 for torques, and Ch. 72-60-19. Ground run and systems ops / leak check satisfactory. **END**

"MAINTENANCE RELEASE"

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was **APPROVED** for return to service with respect to work performed. Pertinent details of the repair/inspection are on file at this Repair Station # DSCR311D under Work Order # 64762

SIGNATURE:

George Davis
George Davis

July 13, 2010

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brc



* TOLEDO REPAIR STATION DSCR311D *
10971 E. Airport Service Rd. * Swanton, Ohio 43558
TEL : (419) 865-2311 FAX : (419) 866-1807

REG: N58TF
S/n: 518961

SN: TJ-292

HOBBS: 795.2

Removed and replaced the Turbocharger controller with an OH'd P/n 640655-22 (Mfg P/n 481008-9022), S/n XL019439 controller using new gasket P/n 653333; ran engine and performed leak check, found satisfactory, adjusted controller IAW 58P M/M P/n 102-590000-5, Ch 80-00-00 Pg 207. Ground run and systems ops / leak check satisfactory. **END**

"MAINTENANCE RELEASE"

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was **APPROVED** for return to service with respect to work performed. Pertinent details of the repair/inspection are on file at this Repair Station # DSCR311D under Work Order # 64762

SIGNATURE: _____

Steve White
Steve White

July 14, 2010

1



* TOLEDO REPAIR STATION DSCR311D *
10971 E. Airport Service Rd. * Swanton, Ohio 43558
TEL : (419) 865-2311 FAX : (419) 866-1807

REG: 58TF

SN: TJ-292

Hobbs: 795.2

ACTT: _____

An Operational Check Flight Is Required IAW FAR 91.407 (b) for the following system(s): **#1 Engine**; and signed off by an appropriately rated Pilot Prior to Return to Service.

Operational Check Flight Successful

SIGNATURE: _____

John J. Galka
Pilot in Command

1668293
Date: 7-14-2010

2

Sep 15, 2010	871	Oil & Filter changed. Perronell BW50, Bobbie O'Neill AP1548489
--------------	-----	---

3



* TOLEDO REPAIR STATION DSCR311D *
10971 E. Airport Service Rd. * Swanton, Ohio 43558
TEL : (419) 865-2311 FAX : (419) 866-1807

REG: 58TF

SN: TJ-292

Hobbs: 794.2

ACTT: _____

An Operational Check Flight Is Required IAW FAR 91.407 (b) for the following system(s): **#1 Engine**; and signed off by an appropriately rated Pilot Prior to Return to Service.

Operational Check Flight Unsuccessful

SIGNATURE: _____

John J. Galka
Pilot in Command

1668293
Date: 7-13-2010

3

[illegible]

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Eagles Of America
3905 Newton Rd
Ste 111
Albany, GA 31701

ance Record

, Special Inspections,

Brought Forward

10-15-10 TT 295.1 Hrs 849.1
Performed A 100hr inspection using
CONTINENTAL & BEECHCRAFT SERVICE MANUALS
Compression Tested:
#1 $\frac{74}{80}$ #2 $\frac{74}{80}$ #3 $\frac{74}{80}$ #4 $\frac{72}{80}$ #5 $\frac{76}{80}$ #6 $\frac{73}{80}$
INSTALLED NEW CHAMPION RH832E SPARK
PLUGS IN ALL CYLINDERS - CHECKED AND SET
MAG TIMMING, LUBRICATED ALL ENGINE CONTROLS
AND INSPECTED ALL HOSES, INSTALLED NEW
DONALDSON P124439 INDUCTION FILTER ELEMENTS
OIL & FILTER NOT CHANGED AT THIS TIME
FOUND NO CURRENT AD' AT THIS TIME
GROUND RUN UP TEST SATISFACTORY, RETURNED
THE ENGINE TO SERVICE

DATE 10/15/10 TOTAL AIRCRAFT TIME 295.1

TACK / HOBBS READING 849.1

I CERTIFY THAT THIS ENGINE

HAS BEEN INSPECTED IN ACCORDANCE
WITH AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY
CONDITION AS OF THIS DATE

William R. Acker

WILLIAM R. ACKER
A&P 257689405 IA

Mar 25 2011
900 on hour meter

Oil & Filter changed,
Aeroshell 11 15W50,
Bosch O'Neil AP1578489

8-23-11 942°

EAGLES
AMERICA Inc.

Southwest Georgia Regional Airport
3905 Newton Road, Suite 111
Albany, GA 31701 229.434.9177

Date: 8/23/11

N58TF

Beech 58P sn TJ292 hrs. 942
Continental TSIO 520-WB(3) sn 518961 (LEFT)

Drained the crankcase & refilled with 12 qts Aeroshell 15W50 oil.
Installed new Champion CH 48108-1 filter & opened removed filter for
inspection-- OK

Started & ran the engine to operating temperature, found all pressures &
temps satisfactory, no leaks noted.

Returned the engine to service

William R. Acker

William R. Acker

ap 257689405

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
11-84-2011					
979 on meter					
425 TTIS					
					100 hr inspection completed per Beech instructions. Compression tested #1 750 #2 750 #3 750 #4 750 #5 750 #6 750. Oil & Filter changed. Aeroshell 15W50, Air Filter replaced. Plugs cleaned & gapped. Mass & Timing checked. Cylinders inspected per Continental Instructions.
					I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in air worthy condition.
					<u>Bobby D. Paul</u> AP1548489 AI
3-21-2012					
1030					
475 TTIS					
					Oil & Filter changed. Aeroshell 15W-50. <u>Bobby D. Paul</u> AP1548489



National Flight Services Inc.

★ TOLEDO REPAIR STATION DSCR311D ★
10971 E. Airport Service Rd. ★ Swanton, Ohio 43558
TEL: (419) 865-2311 FAX: (419) 866-1807

N58TF

TJ-292

Hobbs:

1060.7

Removed and replaced the LH vacuum pump IAW Beechcraft Baron 58P M/M Ch. 36-00-00 and Tempest AA400 series installation manual, Installed new P/n AA442CW, S/n I684801 Pump, Ops check good.

>>END<<<

"MAINTENANCE RELEASE"
The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was APPROVED for return to service with respect to work performed. Pertinent details of the repair/inspection are on file at this Repair Station # DSCR311D under Work Order #64995

SIGNATURE:

Steve White

Steve White

May 16, 2012

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



Southwest Georgia Regional Airport
3905 Newton Road, Suite 111
Albany, GA 31701 229.434.9177

DATE: 6/05/13 N58TF
Beechcraft 58P s/n TJ292 Hobbs 1168.8
Continental TSIO 520 WB3F s/n 518961 **Left**

Drained the crankcase & refilled with 11 qts Aeroshell 15W50 oil, installed a new Tempest AA48108-2 filter, opened the removed filter for inspection & found no debris.

Started & tested the engine to operating temperature, operation satisfactory, no leaks noted. Released the aircraft for return to service.

Philip M Connor A&P 594203699



Southwest Georgia Regional Airport
3905 Newton Road, Suite 111
Albany, GA 31701 229.434.9177

DATE: 9/9/13 N58TF

Beech 58P sn TJ 292 Hobbs 1201.2
Continental TSIO 520 WB3F sn 518961 (LEFT)

Removed & replaced the alternator using a rebuilt exchange unit from Aerotech, part # 649304 (sre#Go39709.0). Installed a new AEC 646655 gear assy, & 653981 gasket.

Ground run up to operating temperature satisfactory, charging rate found to be within book specifications with load applied.

Released the aircraft for return to service.

Phillip M Connor ap 594203699



Southwest Georgia Regional Airport
3905 Newton Road, Suite 111
Albany, GA 31701 229.434.9177

DATE: 10/03/13 N58TF

Beech 58P sn TJ 292 Hobbs 1217.8
Continental TSIO 520 WB3F sn 518961 (LEFT)

Drained the crankcase & refilled with 11 qts Aeroshell 15 W 50 oil, installed a new Tempest AA48108-2 filter. Opened the removed filter for inspection & found no debris.

Started & operated the engine to normal temperature, found pressure & temps satisfactory, no leaks noted.

Released the aircraft for return to service

William R Acker ap 257689405

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →



Southwest Georgia Regional Airport
3905 Newton Road, Suite 111
Albany, GA 31701 229.434.9177

DATE: 1/3/2013

N58TF

Beech 58P sn TJ292

Hobbs 1137.4

Continental TSIO 520 WB3F sn 518961

(LEFT)

Performed a 100hr inspection using Continental & Beechcraft service instructions & 100 hr inspection sheet.

Compression tested:

#1 74/80 #2 71/80 #3 72/80 #4 72/80 #5 71/80 #6 72/80

Removed, cleaned, gapped, & tested all spark plugs. Set mag timing. Cleaned all fuel screens & strainers. Lubricated all engine controls. Oil & filter NOT changed at this time due to low operating hrs on oil. No current Ads noted as of this date via ATP. Ground run to operating temperature satisfactory, all pressures & temps normal. Released the engine for return to service.

I certify this ENGINE has been inspected IAW an annual inspection & found to be in airworthy condition as of this date

William R. Acker ap 257689405 IA

Entries about order



Southwest Georgia Regional Airport
3905 Newton Road, Suite 111
Albany, GA 31701 229.434.9177

DATE: 8/15/13

N58TF


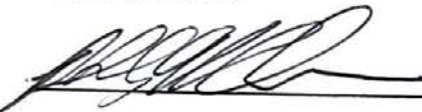


Beech 58P sn TJ 292

Hobbs 1182.1

Continental TSIO 520 WB3F sn 518961

Removed & replaced the accessory drive oil seal using a new CR 8088 seal assy. Cleaned the accessory housing & tested the engine to normal temperature, operation found satisfactory & no leaks are noted.

Philip M Connor A&P 594203699

Date	Total Time		Time Since Last Overhaul		<h2 style="margin: 0;">Engine Service and Maintenance Record</h2> <p style="font-size: small; margin: 0;">Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
					<div style="text-align: center;">  </div> <div style="float: right; font-size: x-small;"> Southwest Georgia Regional Airport 3905 Newton Road, Suite 111 Albany, GA 31701 229.434.9177 </div> <div style="clear: both;"></div> <p>Date: 9/5/14 N58TF Hobbs: 1301.1 Continental TSIO520WB3F S/N: 518961 (Left)</p> <p>Drained crankcase and removed oil filter. Refilled with 12qts Aeroshell 100plus and installed 1/ AA48108 oil filter. Opened removed filter for debris check, none found. Ground run aircraft no leaks found. Return to service.</p> <div style="text-align: right;">  Philip M Connor A&P594203699 </div>
					<div style="text-align: center;">  </div> <div style="float: right; font-size: x-small;"> Southwest Georgia Regional Airport 3905 Newton Road, Suite 111 Albany, GA 31701 229.434.9177 </div> <div style="clear: both;"></div> <p>Date: 4/2/15 N58TF Hobbs: 1328.0 Continental TSIO520WB3F S/N: 518961 TSNEW: 774.0</p> <p>Performed 100hr inspection using Continental and Beechcraft service instructions. Drained oil and removed oil filter. Refilled with 11qts Phillips 20W50 X/C and installed 1/ AA48110 oil filter. Opened removed filter, no debris found. Removed, cleaned and reinstalled spark plugs. Checked mag timing. Cleaned fuel screens. Lubed all engine controls. Inspected all engine hoses and scat ducting. Inspected all exhaust system. Cleaned airfilter. No current AD's as of this date via ATP. Compression Test: 1/ 61/80 2/ 73/80 3/ 77/80 4/ 64/80 5/ 65/80 6/ 62/80 Ground run engine, no leaks or defects noted. Return to service.</p> <p>I certify that this Engine has been inspected in accordance with a Annual Inspection and was found to be in a airworthy condition as of this date.</p> <div style="text-align: right;">  Philip M Connor A&P594203699IA </div>

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought N58TF 19 Feb 11 TACH 1326.5
 R+R oil Filter - cut open & ok
 Press oil pres indicator check
 Remove oil pres Regulator down
 & inspected & reinstalled
 rewired RT CHT Probe &
 installed new Probe - EY was
 Run h/t ops check.
 C. M. Connor
 A/P 1920074

ANGLES
AMERICA Inc.

Southwest Georgia Regional Airport
 3905 Newton Road, Suite 111
 Albany, GA 31701 229.434.9177

Date: 1/13/16
 Continental TSIO520WB3F

N58TF
 S/N: 518961

Hobbs: 1375.6
 (Left)

Drained crankcase and removed oil filter. Refilled with 12qts Phillips 20W50 X/C and installed 1/ AA 48108-2 oil filter. Cut removed filter for debris check, none found. Ground run engine, no leaks or defects noted. Return to service.



Philip M Connor A&P594203699



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

Make: Teledyne Continental Motors
Model: TSIO520WB3F
Serial No.: 518961



Date: 12/5/2016
Hobbs Time: 1393.1
Total Time: 839.1

Continental Motors Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

I certify that this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

Work Performed Left: Completed an ANNUAL inspection in accordance with the scope and detail of the items listed in 14 CFR 43 Appendix D using the Beech Baron 58P and 58TC Maintenance Manual 100-Hour Inspection Checklist as a guide. Completed a compression check and borescope inspection in accordance with CMI Standard Practice Maintenance Manual M-0. Compression check / 80 psi: #1-72, #2-72, #3-73, #4-60, #5-70 and #6-12, with a Master Orifice value of 46 psi. Cylinder compression and borescope results indicate cylinders meet conditions for continued service with the exception of cylinder 6. Cylinder #6 was removed, repaired, and reinstalled. Details of the repairs made to this cylinder on file under Work Order AC-7033. Cleaned fuel nozzles. Cleaned, gapped, tested, and rotated spark plugs. Installed Factory Rebuilt BL-349220-5 left magneto SN F15BA067R and BL349260-6 right magneto SN 15BA145R. Complied with CMI SB669, Magneto Distributer Gear Block Inspection. Next inspection due at the first and every 100-hour, progressive, or annual inspection thereafter not to exceed the applicable time in service requirement. Repositioned oil cooler lower baffle seal and secured. Wastegate PN 635381-2 SN JBN00394 was overhauled by Approved Turbo Components-Florida, Inc. Drained oil and installed new AA48108-2 filter. Serviced engine with 12 quarts of Phillips XC 20W50 oil. Adjusted fuel system using data from Continental Motors Standard Practice Maintenance Manual M-0. Completed ground operational and leak checks.

—END—

Authorized Signature for Repair Station 9CER853B: *Kenneth May*
Details of the work performed are on file under Work Order No. AC-7033

AERO SERVICES, INC.

DATE: 08-15-2017 REG. # N58TF SER. # W.O. 17228
TACH: N/A HOBBS: 1404.0 TSN: TSO:

ENGINE LOG L/H

REMOVED FUEL SERVO AND INSTALLED OVERHAULED SERVO PART NUMBER 2524624-7 S/N 72GX4903. PERFORMED GROUND RUN AND LEAK CHECK, NO LEAKS, ADJUSTED AS REQUIRED, GROUND RUN GOOD.

ROBERT F. McDOWELL III

34635221A



Moultrie Municipal Airport
189 Airport Drive
Moultrie, GA 31768

N58TF - TCM TSIO-520-WB3F
S/N: 518961
SMOH: TSN: 868.6
Hobbs/Tach: 1422.6/0.0

Drained LEFT engine oil, sample taken for analysis, removed oil filter and cut open for inspection, replaced with new oil filter (p/n AA48108-2); re-filled engine with 12qts Phillips 20W50 X/C with 5% Camguard additive. Removed turbine Inlet temperature sensor and replaced with new Alcor sensor (p/n: 86160) along with new gasket (p/n: 70354). Ground check, OK. Details of work performed are on file with Eagles of America Inc. under work order: WO1371. All work performed IAW TCM ICA's.

Powell, Taylor 3742491 A&P IA November 2, 2017

Jayh Powell

Engine Service and Maintenance Record



Moultrie Municipal Airport
189 Airport Drive
Moultrie, GA 31768

N58TF - TCM TSIO-520-WB3F
S/N: 518961
TSN: 817.7
Hobbs: 1431.7

Performed annual inspection; Removed cylinder #4 due to low compression, cylinder was replaced with serviceable cylinder brought to overhauled specs by Gann Aviation. Cylinder was installed with new piston rings and all new gaskets. Cylinder differential pressure test resulted as follows; Master Orifice 45/80, #1 74/80, #2 72/80, #3 72/80, #4 72/80, #5 74/80, #6 70/80. Check magneto to engine timing. Removed all spark plugs, cleaned, inspected, re-gapped & re-installed in engine. Ground check, OK. Details of work performed are on file with Eagles of America Inc. under work order: WO1383. No other applicable AD's as of this date. All work performed IAW TCM ICA's & an annual checklist. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Powell, Taylor A&P IA 3742491 February 5, 2018

Jaule Powell



Moultrie Municipal Airport
189 Airport Drive
Moultrie, GA 31768

N58TF - TCM TSIO-520-WB3F
S/N: 518961
TSN: 908.0
Hobbs: 1462.0

1. Drained LH engine oil, sample taken for analysis, removed oil filter and cut open for inspection, replaced with new oil filter (p/n AA48108-2); re-filled engine with 12qts Phillips 20W50 X/C with 5% Camguard additive.

Ground check, OK. Details of work performed are on file with Eagles of America Inc. under work order: WO1452. All work performed IAW TCM ICA's.

Powell, Taylor 3742491 A&P IA August 3, 2018

Jaule Powell

1 of 1



Eagles of America Inc.
189 Airport Drive
Moultrie, GA 31768
229.890.9464

N58TF
TCM TSIO-520-WB3F
S/N: 518961

Tach:
Hobbs: 1473.7
TSN: 919.7
SMOH:

1. Performed annual inspection; Drained engine oil, removed oil filter and cut open for inspection, replaced with new oil filter (p/n AA48108-2); re-filled engine with 12qts Phillips 20W50 X/C. Cylinder differential pressure test resulted as follows; Master Orifice 45/80, #1 64/80, #2 65/80, #3 62/80, #4 74/80, #5 70/80, #6 73/80. Check magneto to engine timing. Removed all spark plugs, cleaned, inspected, re-gapped & re-installed in engine. Checked engine fuel pressure and adjusted per ICA's.
2. Removed waste-gate (p/n: 470892-9002 s/n: JBN00394) and sent to Main Turbo Systems (CRS# MAMR190K), for overhaul; see 8130-3 for work performed.
3. Re-installed waste-gate after overhaul along with new lock-tabs.

Ground check, OK. Details of work performed are on file with Eagles of America Inc. under work order: WO1549. No other applicable AD's as of this date. All work performed IAW TCM ICA's & an annual checklist. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Powell, Taylor 3742491 A&P IA September 1, 2019

Jaule Powell

1 of 1

N58TF

DATE: 11/18/2020 MODEL: 58P S/N: TJ-292 TT: 6,230.3 HM: 1,490.3
LEFT ENGINE: TSIO520WB3F S/N: 518961 TSN: 936.3

Broug

1. Completed 100-hr/Annual Inspection with lubes per FAR 43 appendix D and HBC MM 5-20-00 as guide
2. Complied with engine oil change with Aeroshell 15W50 and installed new AA48108-2 filter.
3. Removed left engine turbocharger s/n KCL00202. Installed overhauled exchange p/n 640327-11 s/n H-XIR00009 iaw Continental EMM. Performed ground runs, operational checked good with no leaks noted.
- 4.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100-HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

SIGNED

R. Karl Trenor A&P 2834048 IA



KRUQ- Rowan County Airport
 3680 Airport Loop Rd
 Salisbury, NC 28147
 (704) 310-1421

Make: Continental Motors Reg: N58TF SN: 518961 Page 1 of 1
 Date: 3/24/2022 Model: 58P Hobbs: 1498.7 Aircraft Total Time: 6238.7
 Left Engine: Model: TSIO-520-WB3F TTN: 944.7 TSMOH: 944.7

Performed 100 hour inspection on this engine. Washed down engine for inspection. Drained oil and serviced with 11 QTS of Aeroshell 15w50. Removed old oil filter and installed new filter P/N: CH48109-1. Torqued and saftied. Cut open old filter, no contaminants. Lubed engine controls and linkages. Compression test (Continental SB03-3) 73, 65, 71, 73, 72, 62. Checked magneto timing. Work with reference to Beechcraft Baron 58P and 58TC Maintenance Manual.

by: *[Signature]*

AP227863044IA

I certify this Engine has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthy condition.

by: *[Signature]*

AP227863044IA



KRUQ- Rowan County Airport
 3680 Airport Loop Rd
 Salisbury, NC 28147
 (704) 310-1421

Make: Continental Motors Reg: N58TF SN: 518961 Page 1 of 1
 Date: 08/09/2022 Model: TSIO-520-WB3F SN: 518961 Hobbs: 1539.1 ATT: 6279.1 TTN: 985.1 TSMOH: 985.1
 Left Engine: Replaced Alternator with overhauled TCM Alternator 649304 S#C049104.0. Operational run-up satisfactory. Work with reference to Beechcraft Baron 58P and 58TC Maintenance Manual.

by: *[Signature]*

AP227863044IA



KRUQ- Rowan County Airport
 3680 Airport Loop Rd
 Salisbury, NC 28147
 (704) 310-1421

Make: Continental Motors Reg: N58TF SN: 518961 Page 1 of 1
 Date: 05/03/2023 Model: 58P Hobbs: 1541.4 Aircraft Total Time: 6281.4
 Left Engine: Model: TSIO-520-WB3F TTN: 987.4 TSMOH: 987.4
 Performed 100 hour inspection on this engine. Washed down engine for inspection. Drained oil and serviced with 12 QTS of Aeroshell 15w50. Removed old oil filter and installed new filter P/N: CH48109-1. Torqued and saftied. Cut open old filter, no contaminants. Lubed engine controls and linkages. Compression test (Continental SB03-3) 61, 66, 68, 63, 60, 64. Checked magneto timing. Work with reference to Beechcraft Baron 58P and 58TC Maintenance Manual.

by: *[Signature]*

AP227863044IA

I certify this Engine has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthy condition.

by: *[Signature]*

AP227863044IA

ce Record

ecial Inspections,

Date: 8/23/23 Registration: N58TF
Model: Beechcraft 58P S/N:

Hobbs Time: 1548.9
Aircraft Total Time:

Removed L engine top cowling. Repaired oil hose fitting seal leak at wastegate. Cleaned engine and cowling. Performed adjustment of engine idle speed and mixture per CMI MM-0. Engine ground run op check and leak check satisfactory.

Ludvik J. Svetlik
Ludvik J. Svetlik

A&P / IA 3435603

Date: 10/9/23 Registration: N58TF
Model: TSIO520 WB3F S/N: 518961

Hobbs Time: 1548.9
Aircraft Total Time:

Removed L engine top cowling. Removed engine starter drive for repair due to oil seal leak. Reinstalled starter drive P/N 55267 S/N H-V083052 following overhaul by Aircraft Accessories of OK. Removed and replaced turbo oil hose with new P/N BE58-2R due to bad fitting nut. Cleaned engine and cowling. All work performed following TCM TSIO 520 Overhaul Manual. Engine ground run op check and leak check satisfactory.

Ludvik J. Svetlik
Ludvik J. Svetlik

A&P / IA 3435603