

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

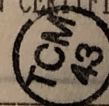
This engine model I0470K3B, Serial No. 818516-R, was rebuilt/zero timed on 05/27/00 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB	AD	REMARKS
M70-10	70-14-07	REPLACED WITH NEW PART
M79-2	79-05-09	REPLACED WITH NEW PART
M88-4	88-03-06	REPLACED WITH NEW PART
N/A	91-19-03	REPLACED OIL FILTER
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVED
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE
CSB94-15	N/A	CRANKCASE STUD INSPECTION
MSB96-10	N/A	CRANKSHAFT ULTRASONIC INSPECTION
MSB94-8A	N/A	MAGNETO TO ENGINE TIMING

SB	AD	REMARKS
CSB9710A	97-21-02	PISTON PIN PLUG WEAR
CSB98-1	N/A	INTAKE AND EXHAUST VALVE INSPECTION
MSB00-5A	2000-08-51	CRANKSHAFT MATERIAL INSPECTION
CSB99-3A	99-09-17	CRANKSHAFT ULTRASONIC INSPECTION

Records reflecting this rebuilding are on file at Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601.

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508



TRIPRA - TRAVEL AND ACCOMMODATION REPORT

DATE: 12/18/2023 TO: 12/22/2023 FROM: [Name] TO: [Name]

TRIP PURPOSE: [Faded text describing the purpose of the trip, such as a business meeting or conference.]

TRIP SUMMARY: [Faded text providing a brief overview of the trip activities and expenses.]

TRIP DETAILS: [Faded text detailing the itinerary, including dates, locations, and transportation.]

EXPENSES: [Faded text listing the various expenses incurred during the trip, such as travel, lodging, and meals.]

APPROVED BY: [Signature] DATE: [Date]

REPORTING OFFICER: [Signature] DATE: [Date]

[Handwritten signature or initials at the bottom of the page.]

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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				

Otten Aviation, 10998 Hwy 52, Versailles, Mo 65084, (573)378-6373

12/01/04 N1718G TACH 671.5 SMOH 113.2

C/W 100 HR. INSPECTION IN ACCORDANCE WITH PART 43 APP. D. PERFORM COMPRESSION TEST PER TELEDYNE CONTENINTAL SERVICE BULLITEN SB03-3 USING MASTER ORIFICE TOLL P/N 646953. MINIMUM ACCEPTABLE CYLINDER PRESSURE LEAKAGE LIMIT 41/80. COMP #1-70/80 #2-62/80 #3-65/80 #4-67/80 #5-66/80 #6-71/80. CHANGE OIL, AND FILTER INSPECT FOR METAL (NONE FOUND). INSTALL FILTER P/N CH48109, TORQUE AND SAFETY. ADD 10 QTS W-100. CHECK ENGINE CONTROLS FOR SECURITY AND LUBE, INSPECT ENGINE MOUNT. INSPECT EXHAUST. INSPECT ALL HOSES. INSPECT INDUCTION SYSTEM, WASH DOWN ENGINE, RUN UP AND CHECK FOR PROPER OPERATION AND OIL LEAKS. FILE 337 FORM FOR PETERSON AVIATION AUTO FUEL STC, SEE 337 THIS DATE. RESEARCH AD'S THRU 2004-23. SEE AD LIST. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION THIS DATE.


 RICHARD RHEA, A&P 569130890

4/3/06	TACH: 713.6	TSOH: 155.3	<p>Performed 100 Hour Inspection IAW TCM and Beechcraft Service Instructions. Primed oil. Removed and cut Filter. NO Abnormalities noted. Serviced with AEROSHELL 15W50. Cleaned, gapped, rotated Spark Plugs. Performed Compression test IAW TCM SB 03-3. MASTER "O" 38/80. #1 $\frac{74}{80}$ #2 $\frac{72}{80}$ #3 $\frac{74}{80}$ #4 $\frac{72}{80}$ #5 $\frac{76}{80}$ #6 $\frac{74}{80}$. Cleaned, Ground Run, checked for leaks. All checks okay. I certify I have inspected this engine IAW an 100 Hour Inspection and determined it airworthy at this time.  AP 268265M</p>
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Brought Forward



Columbia Avionics, Inc.
Columbia, Missouri 65201
CRS C42R104N

Date: 10-10-2006
Tach Time: 751.8
Total Time: Unknown
Model: B-33
S/N: CD 484

EngTSFRem 193.5h Removed and reinstalled engine driven fuel pump p/n 646212-12 s/n C210003BR (with new gasket) after overhaul by Approved Aircraft Accessories, Inc. on their W.O # 129229/4010, maintenance release attached to this page. Adjusted fuel pressures as required. Pertinent details on work order #M1059.

Cliff D. Hampton
Inspector

TC ~~APR 07~~
~~#111127~~

compressor part #1 64/80 #2 54/80
#3 54/80 #4 64/80 #5 65/80 #6 64/80
change oil check filters and nutal
prevent. Service with 100ts
new oil 15w50 replace
engine inductor filter
replace right exhaust
stack and muffler. Wash
engine ground run check
for leaks. none noted.
at this time AD'S checked
 thru 2007-07

DATE ~~11/11/07~~ ~~TACH~~ 768
TOTAL TIME 210 SMOH 210 I CERTIFY
AS OF THIS DATE THAT I HAVE INSPECTED THIS
AIRCRAFT ~~IN~~ CONFORMANCE WITH FAR #
APPENDIX D FOR ANNUAL/100 HR INSPECTION
NO RETURNED SERVICE ~~part~~

compressor part #1 60/80 #2 59/80
#3 58/80 #4 62/80 #5 60/80 #6 64/80
change oil & filter service
with 120ts AS 15W50
check mag to engine temp
Wash engine ground run check
for leaks none noted AD'S
76-12-22 N/A per style of
filter adapter AD 07-04-12 PI
NA not installed AD'S checked
 thru 2008-08 - NEXT PAGE

Date

Part Number

8

Description

Aerospace Welding Minneapolis, Inc.

Hrs. Min. Hrs. Min.

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

Brought Forward →

DATE 29 APR 2009 TSMOH 337
TOTAL TIME 231 TSMOH 337 I CERTIFY
AS OF THIS DATE THAT I HAVE INSPECTED THIS
AIRCRAFT ENGINE IN ACCORDANCE WITH FAR 43
APPENDIX D FOR ANNUAL/100 HR INSPECTION
AND RETURNED ~~IT~~

James J. Lupinski 487645203 APJA

MAY 1, 2009 Tach 906.8 TSMOH 348.5 TSN 348.5

changed oil & filter service with Aeroshell 15W-50
installed new induction filter, cleaned fuel injectors
cleaned & gapped spark plugs installed new hardware
Right exhaust ball joint. Retorque exhaust manifold RH side
to cylinders tighten alternator belt. Compression test as
follows #1 63/80 #2 57/80 #3 53/80 #4 65/80 #5 62/80 #6 66/80 I certify that
this engine has been inspected in accordance with
a 100HR inspection and it was determined to be in
airworthy condition James J. Lupinski: AEP 3209151

May 20, 2009

R&R brush & brush block Holder in alternator
Run-up charging system working normal
James J. Lupinski: AEP 3209151

June 19, 2010 Tach 951.1 TSMOH 3928 TI 392.8

Changed oil & filter service with Aeroshell 15W-50
cleaned fuel injectors cleaned plugs installed new valve
cover gaskets installed new EGT probe #6 cylinders
installed new induction filter cleaned fuel screen
installed new Left hand exhaust Riser manifold using
new exhaust gaskets compression test as follows
#1 69/80 #2 53/80R #3 54/80R #4 68/80 #5 59/80R #6 66/80 I certify
that this engine has been inspected in accordance with
a 100 HR inspection and it was determined to be
in Airworthy Condition Engine Run-up normal
James J. Lupinski: AEP 3209151

Feb 15, 2011 Tach - 995.4 changed oil & filter w Aeroshell 15W-50
engine hours - 437.1 TSMOH 437.1 Jim Lupinski

Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
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Brought Forward →

July 1, 2011 Tach 1024.4 TSMOH 464.1 TT 464.1
 Changed oil & filter inspected filter service with
 Aeroshell 15W-50 cleaned fuel injectors and fuel screen
 cleaned plugs. tightened alternator belt. installed new
 induction filter compression test #1 55%OR #2 55%OR #3 55%OR
 #4 69%OR #5 62%OR #6 67%OR I certify that this engine has been
 inspected in accordance with a 100HR inspection and it
 was determined to be in airworthy condition

James J. Hovey AEP 5009151

12-9-2011 1079.9 tach time

Engine oil & filter change
 Aeroshell 15W50
 RP Bennett owner Private Pilot # 3533851

7-1-2012 1110.0 tach time

Engine Oil change
 Aeroshell 15W50 RP Bennett owner
 Private Pilot # 3533851

ENGINE MODEL:
 ENGINE S/N:
 REG. NO: 1718G
 WORK ORDER: 8585

Columbia Avionics & Aircraft Services, Inc.

Repair Station No. C42R104N
 11200 Airport Road
 Columbia, MO 65201
 Phone: 573-874-4141

DATE: 03 July, 2012
 A/C TSN:
 ENG TT:
 TSMOH:
 TACH:

1112.2

Engine Entries

(1) Performed fuel set-up IAW TCM SID97-3E for the IO-470K using the Porta Test unit. Set mixture rise & idle RPM's. Removed Porta test unit and performed ground run and leak checked good.

Maintenance Release

The aircraft, airframe, or appliance on N1718G was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 8585, Dated 03 July, 2012.

DATE: 03 July, 2012

SIGNED:

William O. Hovey
 Certified Repair Station No. C42R104N

William Hovey

Work Order: 8585

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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 →				
8-17-2010	Tach 1198.5	TSMOTR 568.2 TSN 568.2		
	changed oil & filter service with Amshell 15W-50			
	installed new induction filter installed #6 cylinder			
	EGT probe installed new #6 cylinder exhaust			
	push rod seal installed new induction Heat shields			
	Compression test #1 5 ³ / ₈₀ Rings #2 5 ² / ₈₀ Rings #3 5 ² / ₈₀ Rings			
	#4 6 ² / ₈₀ Rings #5 5 ⁶ / ₈₀ Rings #6 6 ³ / ₈₀ Rings Master			

2-13-13

2-13-13

NOTICE

Be entered in the appropriate aircraft record. An alteration must be in conformity with the applicable airworthiness requirements.

(Aircraft nationality and registration mark and date work completed.)

N1718G	OCT 10 2013
Nationality and Registration Mark	Date

335D12C and installed General Aviation Modifications, Inc.
 STC No. SE09217SC PMA No. PQ821SW per GAMI injectors®
 dated 11 Oct 2002. No change in weight or balance.

//////////////////////
 //END////////////////////////////////////

Richard Castle
 25093 Ebony Avenue
 Callao, Missouri 63534
 660-768-5794

N1718G Oct 8, 2013. Tach Time 1194.9
Smoh 634.6 Total Time 634.6
 Drained oil and removed filter and cut open and checked for contamination and none found. Installed new filter and Filled w/10 qts 20/50 oil. Checked compressions and all cyls below minimums due to rings and one cyl w/crack in injector port. Removed all cyls for overhaul. Overhauled cylinders by Gipson Aviation were installed w/new pistons and rings and all new gaskets. Removed injectors and replaced with new GAMI injectors. Martin Induction overhauled fuel servo, throttle body and flow divider and they were reinstalled. Installed new Brackett air filter element. Cleaned, inspected and tested spark plugs and reinstalled. Mufflers and exhaust system inspected. Inspected starter, alt, belts and hoses and all related systems and engine controls. Washed down engine and test ran, all ops normal.
 I certify that this engine was inspected in accordance with an **annual inspection** and found to be in an airworthy condition.

Richard Castle
 Richard Castle A/P 2759485 I/A

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



Model Beech B33
S/N CD481
Reg. No. N1718G
501 Airport Rd, Jefferson City, MO 65101

Date October 10, 2013
Hr. Mtr. 1197.7
W/O # 9739
FAA CRS# J4YR693J

Checked and adjusted fuel flow settings per Continental SID 97-3F. Checked and adjusted idle mixture and idle speed.
This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature  Date 10-10-2013

Richard Castle
25093 Ebony Avenue
Callao, Missouri 63534
660-768-5794

N1718G Nov. 15, 2013 Tach Time 1207.1

Removed engine cowlings and drained engine oil and removed filter and cut open, small amount of iron shaving found as expected on new cylinder overhaul at 1197.9 hours. Installed new filter and safetied and filled with 10 qts Philips 20/50 x/c oil. Installed new fuel flow sending unit on engine to hook up to Insight engine monitor. Washed down engine and test ran for leaks- none found.


RICHARD E. CASTLE AP/ 2759485 /IA



Model Beech B33
S/N CD481
Reg. No. N1718G
501 Airport Rd, Jefferson City, MO 65101

Date December 20, 2013
Hr. Mtr. 1212.2
W/O # 9785
FAA CRS# J4YR693J

Checked and adjusted fuel flow settings per Continental SID 97-3F. Checked and adjusted idle mixture and idle speed. Installed new owner supplied starter clutch spring s/n 12-184-42 in engine starter adapter.

This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature  Date 12-20-2013

DATE
NUMBER
CUSTOMER

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

Engine Service and Maintenance Record

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

Brought Forward →

Feb 16-2014	1232.6	Tach	Drained oil & refilled with Aerashell 15W50. Replaced oil filter. Robert P Benoit owner PP# 3533851
		6747SN	

Richard Castle
25093 Ebony Avenue
Callao, Missouri 63534
660-768-5794

N1718G June 16, 2014 Tach Time 1250.2

Trouble shoot engine due to rough magneto. Cleaned and tested all spark plugs and replaced two. Tested all plug wiring. Removed right Bendix magneto and replaced with new Bendix magneto Serial number #F14DA228R. Removed left Bendix magneto and replaced with new Bendix magneto Serial number #F14EA243R. Reset both new magneto timing to 22 degrees btc. Old mags had 620 hours time in service. New magnetos were from Continental Motors. Test ran and flew aircraft and all ops normal. Returned to service this date.

Richard Castle
Richard Castle A/P 2759485 I/A

July 2/14	1251	Tach time	Drained oil & refilled w/ Phillip XC 20W50 Replaced oil filter, cut to check for metal. Robert P Benoit owner Private pilot # 3533851
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Edge Aviation LLC
26280 Hwy Spur 15
Paris Missouri 65275

N1718G November 2, 2014 Tach time 1282.8
TTE 756.5 SMOH 756.5
STOH 127.9

Removed all cowlings and drained oil and removed filter and cut open to check for contamination -none found. Installed new oil filter and filled with Philips 20/50 x/c oil. Removed and cleaned and tested spark plugs and reinstalled. Compressions were as follows #1-75, #2-73, #3-75, #4-72, #5-74, #6-68. Inspected exhaust system; fuel lines and related systems, engine mounts, engine controls, starter, alternator, and hoses. Installed new Brackett air filter element. Washed down engine and test ran and all ops normal. I certify that this engine was inspected in accordance with an **annual inspection** and found to be in an airworthy condition.

Richard Castle
Richard Castle A/P 2759485 I/A

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.

C. M. Brought Forward →

DATE 18 JAN 17 TACH HOBBS 1487
 TOTAL TIME 940 TSMOH 960
 AS OF THIS DATE I HAVE INSPECTED THIS
 AIRCRAFT ENGINE IN ACCORDANCE WITH FAR 43 APPENDIX
 D FOR ANNUAL / 100 HRS INSPECTION AND
 RETURNED TO SERVICE
 [Signature] 3361811 AP IA

June 11
2017

1537 HRS - Oil & filter change
 Phillips XC 20W50 & 12 oz
 AV blend -
 Cut filter, nothing found
 Robert Benoit owner, Private Pilot #3533851

NOV 18, 2017

TACH 1575.6
~~1049.3~~
 1049.3 TSMOH

ENGINE REMOVED FOR REPAIR DUE TO
 PROP STALL STRIKE
 [Signature] AP41140780



Certified Repair Station E5ZR316Y
 4760 Airport Road, Hangar 6 513-871-9966 fax 513-871-9261
 Cincinnati, Ohio 45226

LOGBOOK ENTRY

Date: 08/Feb/2018 Model: IO-470-K S/N: 818516-R W.O. E7431 TSMOH: 1049.3

Disassembled engine for prop strike inspection. Magnafluxed and zygloed parts. Assembled engine with inspected crankshaft, new gasket set, oil seal, main bearing, rod bearings, c.w. pins, c.w. bushing, blade bushings, c.w. plates, c.w. circlips, r/g lifters, new camshaft, crank bolts, mag coupling, rod bolts, rod nuts, push rods, and repaired starter adapter. Installed overhauled magnetos by Professional Aircraft Accessories. Test run in test cell to check operations. All work done according to applicable Continental parts and manuals. Copy of compliance record and engine build sheet supplied in logbook. END

[Signature]
 Terrence McRoberts, Inspector CRSE5ZR316Y

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	→				

OZARK AIRCRAFT MAINTENANCE LLC

Cape Girardeau Regional Airport
Cape Girardeau MO 63701

March 8, 2018 ^{N1718G} ~~N1817G~~ Beechcraft 35B33 S/N CD481
Continental IO-470K S/N 818516-R1-18-171-18-17 / 1487
Tach 1575.6 Total time 1049.3 TSOH 1049.3

Reinstalled engine after repair by Signature engines on W/O E7431. Added 9 qts Aeroshell 100 mineral oil. Installed new engine shock mounts P/N J2245-1 and replaced attach AN7-36A bolts and nuts with new. Replaced fluid carrying hoses as needed P/N. Rigged engine controls. Installed overhauled propeller P/N 2A36C23-P-CEG S/N 664002. Installed new prop governor P/N ATA210760L S/N 181007 and replaced bearing end on cable. Rigged all engine controls. Original cooling baffles found severely corroded and cracked beyond economical repair. Cooling Baffle Assemble described herein has been rebuilt with material equal to or greater the Manufacture, original pieces reused as needed. Repairs have been completed using AC43-13 1B & 2B and Beechcraft Maintenance Manual as a guide where appropriate. Installed using Beechcraft Maintenance Manual and D'Shannon Installation Manual No. DSP-IM-010 Rev. IR Dated 3-10-2016. The baffle repairs above were performed in accordance with applicable airworthiness standards. This baffle reinstalled on ~~N1817G~~ ^{N1718G} and secured using original fastener locations. Installed new muffler and heat exchanger P/N 186-30, 189 and attached using new bolt and spring kits. Replaced right tailpipe with new. Installed and torqued original exhaust risers after cleaning and inspecting. Fabricated and installed new rigid fuel return line from fuel pump to firewall. Reinstalled original alternator and tensioned belt. Installed original vacuum pump and installed new flexible lines. Installed new engine inlet Bracket air filter assy P/N BA-7102. Cleaned and inspected engine compartment wiring and replaced corroded Adel Clamps. Ground ran engine no leaks or defects noted and set fuel pressures IAW TCM Service Manual M-0.

I certify that this engine has been inspected IAW FAR 43 App (d) a 100 hour inspection and was determined to be in an airworthy condition.

Brian J. Ozark
Brian J. Ozark
AP41640790

3-6-'18 Tac Time 1591.9 Drained oil and replaced filter with new (Tempest spin on AA481090) and filled with 9 qts Aeroshell 100 mineral oil. No evidence of metal in filter. Installed EZ engine preheater (prt #07-05345) as prescribed by manufacturer. No STC required checked for operation and adhesion to block. A&P 2187943

Dennis McArthur

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.	
C/M Brought Forward →					

ENGINE LOG

CONTINENTAL IO-470K S/N 818516-R

Date 12-10-2019 Tach 1612.1 TTSMO 1085.8

Serviced engine with 10 quarts Phillips X/C 20W-50 engine oil. Remove and inspect oil filter and screen (no metal found). Install new AA48109-2 oil filter and reinstall oil screen. Cleaned, gapped and rotated all spark plugs. Check engine to mag timing (no adjustment needed). C/C #1 76/80 #2 68/80 #3 70/80 #4 68/80 #5 72/80 #6 72/80 (cold). Checked all controls for full travel and lubricate. Ran engine and checked for leaks and proper mag drops.

Signed D. Van Donselaar Danny Van Donselaar A/P2769760I/A

ENGINE LOG

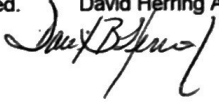
CONTINENTAL IO-470K S/N 818516-R

Date 12-10-2019 Tach 1612.1 TTSMO 1085.8

I certify that this engine has been inspected in accordance with FAR43 App (d) a 100 hour inspection and was determined to be in airworthy condition.

Signed D. Van Donselaar Danny Van Donselaar A/P2769760I/A

				Cardinal Aviation Murray, KY 42071
				3-14-2020 N1718G 1632 TACH TIME
				Drilled and taped a 1/8-27 hole in #2 rocker cover to accommodate a oil drain line for the vac. pump air/oil separator.
				Ernest Jirak A&P1913684 <i>Ernest Jirak</i>
4/29/2020	1662	1135.8		CHANGED OIL FILTER SAMPLE TO BLACKSTONE ADDED 7.75 QTS PHILLIPS X/C 20W-50 NO METAL IN FILTER INSTALLED NEW FILTER TEMPEST SPENON AA 48109 <i>Joseph Adams PP 4000262</i>
6/20/2020	1714	1188.4		CHANGED OIL FILTER SAMPLE TO BLACKSTONE ADDED 7.2 QTS PHILLIPS X/C 20W-50 INSTALLED NEW TEMPEST FILTER AA 48109 RUN UP - NO LEAKS - <i>Joseph Adams PP 4000262</i>

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	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
JUNE 30/2020	17	1	11	88	Removed, cleaned, capped, protected ALL SPARK PLUGS DID RUN UP - NO PROBLEMS NOTED USDA DeLain - PPL - 4000262
REG: N1718G DATE: 7/20/2020 TACH: 1724.00 MAKE: Beech MODEL: 35-B33 S/N: CD-481 HOBBS:					
1. Replaced cylinder #1 Lower spark plug with new Tempast URHM40E.					
Jeff Maclean 3253940 A&P *****END*****					
24 SEP 20	17	4	12	30	Changed oil & Filter - POST RUN UP NO LEAKS 8 QTS Phillips XC 20W50 NEW FILTER AA 48109 USDA DeLain PPL 4000262
Cardinal Aviation Murray, KY 42071 October 30, 2020 Tach: 1240 Installed Airwolf Filter Corp Air/Oil Separator system on Lt aft side of engine baffle. Removed engine plug from engine at Lt aft engine mount pad location for oil drain back to engine. Routed wet vacuum pump discharge to air/oil separator and engine. Routed air/oil separator drain back to engine. Routed engine breather vent to air/oil separator. Removed engine breather vent piping aft of engine baffle. See FAA form 337 dated November 3, 2020. Updated Equipment List and W&B. I certify this aircraft is in airworthy condition with respect to work completed. David Herring A&P 3075656 					

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Engine Service and Maintenance Record

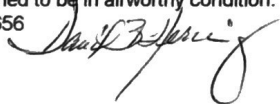
Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

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

Brought Forward →

Cardinal Aviation Murray, KY 42071

March 2, 2021 Tach: 1827 Total Time: 1269
 Completed 100 Hr Inspection of engine in accordance with inspection guide for Beechcraft 35B33 engines and FAR Part 43 Appendix D. Completed Airworthiness Directive check through 2-2021. Compression check: #1- 76/80, #2- 68/80, #3- 76/80, #4- 58/80, #5- 68/80 and #6- 72/80. Replaced air filter BA-7112. Drained oil, serviced 9 Qts Phillips X/C 20W50. Removed oil filter for insp, installed AA48109. Removed Rt exhaust manifold, re-installed with New gaskets after repair. Replaced engine mounts and bolts. Replaced starter alternator pulley shaft oil seal with New 534938. Trimmed baffle aft of #2 cyl intake pipe. Removed fuel injectors for cleaning and leaks, re-installed same locations. Washed eng compartment. Ran engine, checked for leaks none found. I certify this engine has been inspected in accordance with an 100 Hr Inspection and was determined to be in airworthy condition.
 David B Herring A&P 3075656



10 JUNE 21 1326

TACH 1884.6

DRAINED OIL - SAMPLE TO BLACKSTONE

16 AUG 21 1390

TIT 1948.8 - DRAIN OIL - SAMPLE TO B/S (69.2 HRS ON OIL) ADDED 9 QTS DURING DURATION

18 OCT 21 1454 / 1472

~~1454~~

TACH 1980.5

CLEANED - GAPPED - ROTATED SPARK PLUGS
 INSTALLED NEW FRONT TIRE -
 RUN-UP - GOOD
 TEST - FLIGHT - GOOD

10 NOV 21 1478.8 ~~1479~~ 1447
 (SINCE BOTTOM OH 430)

TACH 2005.1 (56.3)

DRAIN OIL - REPLACE FILTER
 ADD 8 QTS PHILLIPS X/C 20W50
 INSTALL NEW FILTER.
 RUN UP-

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 →					

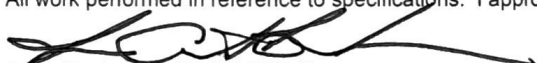


Baker Aviation
333 South Street, New Smyrna, FL
386-837-4073

Date:	02/01/22
Registration:	N1718G
Make/ Model:	35-B33
Serial Number:	CD-481
Tach / Hobbs:	2040.0
TTAF:	8278.0

ELT Battery Date	Jan 2024
Engine Type	IO-470-K3B
Serial Number	818516R
TTSMOH:	1513.7
TTIS:	1513.7
Propeller Type	2A36C23-P-CEG
Serial Number	664002
TTSMOH:	464.4
TTIS:	UNK

- Performed Annual Inspection in accordance with 14CFR 43 appendix D, the Bonanza 33, 35, & 36 Annual Long Form Inspection Guide, reissued March 1985, and the Continental M-0 Maintenance and Overhaul Manual as reference.
- Performed Compression check, numbers listed below. Compression check performed using TCM master orifice. Failing indication is 42/80 or below.
- (1) 56/80 (2) 66/80 (3) 60/80 (4) 52/80 (5) 70/80 (6) 58/80
 - Lapped #4 exhaust valve to improve compression.
- Drained engine oil and service with 10 quarts Phillips 20W50 and new Tempest AA48109-1 filter. Cut old filter to check for contaminants, none noted.
- Cleaned and tested all spark plugs.
- Cleaned fuel injectors
- Check fuel screen for contaminants. None noted.
- Replaced left and right mufflers with new.
- Replaced starter drive adapter shaft seal and o-ring with new.
- Lubed all engine controls.
- Run-up, mag check, prop check, fuel pressure & flow check, idle & mixture check satisfactory.
- All AD's researched through this date.
- I certify this **ENGINE** has been inspected in accordance with an **Annual** inspection and is found to be in an airworthy condition.
- All work performed in reference to specifications. I approve this airplane for return to service.


Curtis Boulware A&P 3232817 IA

----- END -----

3-2-22	TAC	206	2.8	
Removed #4 cyl + REPLACE WITH TCM NEW CYL + VALVE ASSY 658818 8 41 WITH NEW PISTON & WRIST PIN (539467) TORQUE PER CONT MANUAL. VALVE CLEARANCE CHECKED, REPLACED ALL GASKETS & SEALS, (3) NEW EX GASKETS. ENGINE GROUND RUN 3 min. NO OIL LEAKS NOTED. Lay Mc Carl AUP 2148841				
3-3-22				FLEW INR CYL BREAKIN OVER KFES 7590 PUR THEM TO KFAM FLEW TO KCEY USING POWER SETTINGS 7590 - 6590.

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.

C. Mught Forward —

Cardinal Aviation Murray, KY 42071
 3-14-22 N1718G Tach time 2064 SMOH 1537 STOH -0-
 Removed #1,3,5, & 6 Cylinders from Continental engine IO470K3B, s/n 818516R, installed 5 new cylinder assy. (658818A4) WG-AC21EC516, WG-AC21EC571, AG-AC21EC602, WG-AC21EC673, & WG-AC21EC712. Rings for the cyl. assy. were checked for proper end gap clearance. New Piston pin and rocker shaft were used. Installation was done using new exhaust, intake, rocker cover, push rod and base gaskets. Engine was serviced with 10 qts. of Phillips 20W50 oil engine was run to check for leaks, none found.
 Ernest Jirak A&P1913684. *Ernest Jirak*

(1) NEW CYLINDER AT #2 WAS INSTALLED ON 3-2-2022 TACH 2062.

3/26				FLEW 1 HR. CYL BREAK IN - 75% POWER OVER KEY
3/27				FLEW 1 HR CYL BREAK IN 75% - 65% VARYING POWER SETTINGS
APR 16, 2022 TT 2086.1				P/N G 455 CARWIN 9K 4876 INSTALLED NEW VAC PUMP TEST - RUN - NO LEAKS <i>Ernest Jirak A&P1913684</i>
	S105 580H	21.1 STOH		CHANGED OIL & FILTER CUT OPEN & INSPECT FILTER SERVICED W/ NEW FILTER & 10 QTS PHILLIPS 20W50 OIL <i>Ernest Jirak</i>
APRIL JUNE 15	2143.7 TAC	57.6 STOH		CHANGED OIL & FILTER W/ PHILLIPS 20W50 (9 QTS)
	1016 SMOH			2 NEW MAIN TIRES & TUBES WASHED ENGINE COMPT & EXTERIOR

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.	
12 AUG 22					
Brought Forward	→		1665		ENGINE TEAR DOWN/INSPECT @ 17 HRS
STOH	128	-			SPOH @ 17
12 AUG 22			1665		TACH 2192.5 OIL & FILTER - CLEAN - GAP TEST ROTATE SPARK PLUGS - NEW OIL FILTER - 9 QTS X/C 20W50 ★ NEW PROP & GOVERNOR 2211 TT
6 OCT 22			1705		TACH 2233 OIL & FILTER - NEW FILTER 9 QTS X/C 20W50 - PUT OPEN & INSPECT OIL FILTER - NO METAL INSTALLED NEW AIR FILTER
STOH	108				
NEW PROP	22				
GOV					

AERO TURBINE	ENGINE	LOGBOOK ENTRY
MAINTENANCE	N1718G	4 JAN 23
(731) 514-9331	AFTT: 8494.9 TACH: 2256.9	
1. INSTALLED NEW OIL COOLER P/N 8000925. S/N 853		
		<i>Garrett Wade</i> Garrett Wade A&P 38389721A

OZARK AIRCRAFT MAINTENANCE LLC

Cape Girardeau Regional Airport
Cape Girardeau MO 63701

February 8, 2023 N1718G Beechcraft 35B33 S/N CD481
Continental IO-470K S/N 818516-R
Tach 2258.0 Total time 1731.7 TSOH 1731.7

On this date performed the following work: On this date performed the following work; drained oil and inspected filter. Added 11 qts Phillips 20W50 oil, Installed and torqued 1 AA48108 filter. Cleaned gapped and tested spark plugs Replace 6 ea plugs and tested ignition leads. Check compression all cylinders 1. 70/80 2. 71/80 3. 70/80 4. 72/80 5. 72/80 6. 70/80. Cleaned fuel screens, leak check ok. Ground ran engine not leaks noted.

I certify that this engine has been inspected IAW a FAR43 appendix (d) 100 hour inspection and was determined to be in an airworthy condition.

Brian J. Ozark
Brian J. Ozark AP41640790