

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

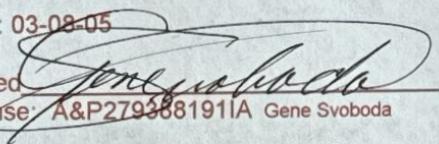
Magnum Engines, Inc.

IMPORTANT

Airworthiness of engine, components and accessories must be determined by the installing mechanic per FAR part 43 before aircraft is returned to service.

Date: 03-08-05

Signed


License: A&P2793881911A Gene Svoboda

Magnum Engines, Inc.

56 E. Spring Valley Rd., Centerville, OH 45458
PHONE (937) 436-5080



**ENGINE
MAINTENANCE
RECORDS**

MAGNUM ENGINES, INC.

56 E. Spring Valley
Centerville, OH 45458

Phone: (937) 436-5080 • Toll Free (877) 436-5080

Fax: (937) 436-5088 • E-Mail: MagnumEng@aol.com



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. 9597R

Engine Manufacturer TCM

Model IO470.C

Serial No. 71698-9-C

Date installed on aircraft _____

Time Between Overhauls (TBO) 1500 Hours
12 years

If used on multi-engine aircraft:

- Right Left
- Front Rear

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965
 (516) 765-9375
 1-800-235-6444
 FAX: (516) 765-9359

This Document is To Serve As
CERTIFICATION

of
Engine Overhaul
by

Magnum Engines, Inc.

MFG: TCM Model: IO470-C Serial No: 71698-9-C

Tach Total Time: 3630.2 (0) SMOH

A.D. Notes: Reference Engine Log Book

Pertinent Details of the Work Performed are on File at this Company under Work Order

Number: ME1258

Date: 03-08-05



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56 E. Spring Valley Rd., Centerville, OH 45458

Phone: (937) 436-5080

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03-08-05 This engine Model IO470-C, Serial # 71698-9-C was overhauled by Magnum Engines, Inc., of Centerville, OH according to factory recommended procedures, specifications, limits and pertinent Federal Aviation Regulations.

All internal steel parts were magnafluxed and all non-ferrous materials were zygo inspected. All the guidelines from the TCM Table of Limits and Overhaul Manual were followed at time of repair.

The magneto Bendix overhauled. Crankshaft polished and new dampners installed with pin, plates & lock rings. Crankshaft ultrasonic inspected per TCM Service Bulletin. All serviceable tags or 8130-3 received from the suppliers are located at the rear of this log book including crankcase.

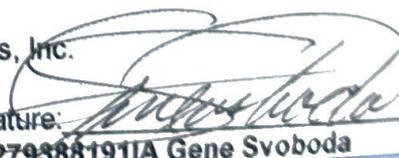
Crankcase replaced by Crankcase Services, Inc. New TCM camshaft, lifters installed, camshaft cam design profile performed. Installed new bushings in rods and rocker arms. Six (6) new TCM cylinders with piston, rings, rocker shafts. Cylinder barrels were nickel coated by ECI. Cylinders all flow matched with Magnum Engines valve setup. A new ignition harness and a new set of spark plugs were installed.

Crankshaft, rods and pistons dynamically balanced as an assembly. Fuel system overhauled per TCM (reference 8130-3). Fuel nozzles flow matched. Oil cooler overhauled. New rod bolts, bearings, gaskets and seals installed with new hardware at build up. Starter drive overhauled and starter. Governor overhauled. All engine baffling stripped, repaired as required, alodined, zinc paint applied with final coat of white paint and new baffle seal material installed. All engine baffling installed on engine.

WORK ORDER # ME1258

Magnum Engines, Inc.

Centerville, OH

Authorized Signature: 

License # A&P279388191IA Gene Svoboda

Magnum Engines, Inc.

56 E. Spring Valley Rd., Centerville, OH 45458

Phone: (937) 436-5080

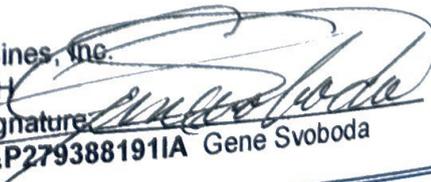
03-08-05 All recommended parts listed in the TCM Overhaul Manual and applicable Service Bulletin were installed at time of this repair. For a complete list reference Work Order # ME1258 on file at Magnum Engines.

* FAA-PMA parts are frequently substituted for TCM factory parts if necessary.

WORK ORDER # ME1258

Magnum Engines, Inc.

Centerville, OH

Authorized Signature: 

License # A&P279388191IA Gene Svoboda

Magnum Engines, Inc.

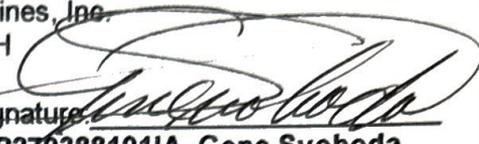
56 E. Spring Valley Rd., Centerville, OH 45458

Phone: (937) 436-5080

03-08-05 After assembly, this engine was set up and ground test run on aircraft by Magnum Engines, Inc. with all temperatures, pressures and performance specifications within the limits prescribed by the factory, TCM.

WORK ORDER # ME1258

Magnum Engines, Inc.
Centerville, OH

Authorized Signature: 
License: A&P2793881911A Gene Svoboda

Magnum Engines, Inc.

56 E. Spring Valley Rd., Centerville, OH 45458

Phone: (937) 436-5080

03-08-05 TCM IO470-C Serial # 71698-9-C

* All AD's & SB's listed were checked or complied with by visual check or inspection.

AD's

SB's

70-14-07R2
72-20-02
79-05-09
88-03-06
91-19-03
93-08-17
94-14-12
95-21-15
97-21-02
PL98-01-08
98-17-11
99-19-01
2000-23-21

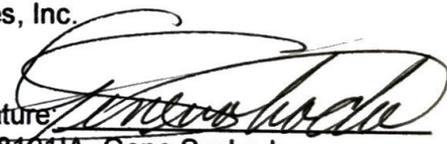
M70-7
Thru
M93-4

96-7
94-8
94-2

End.

WORK ORDER # ME1258

Magnum Engines, Inc.
Centerville, OH

Authorized Signature: 
License # 2793881911A Gene Svoboda

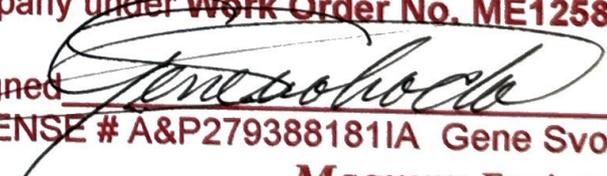
Magnum Engines, Inc.

MAINTENANCE RELEASE

The aircraft engine and/or component identified was overhauled and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this company under **Work Order No. ME1258**

Date: 03-08-05

Signed: 
LICENSE # A&P2793881811A Gene Svoboda

Magnum Engines, Inc.
56 E. Spring Valley Rd., Centerville, OH 45458
PHONE (937) 436-5080

CAUTION

This engine has been test run according to factory recommended procedures. Avoid prolonged ground run or slow flight as this causes new engine damage and will void warranty. **For proper warranty coverage consult Magnum Engines before any repairs or adjustments are made on the engine.**

CAUTION

Warranty will be voided if all oil fed accessories are not cleaned, tagged and recorded in log book at time of engine overhaul; eg. prop, prop governor, oil cooler, oil tank, and all fuel and oil lines.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
	TACH			
June 1 2005	254			<p>INSTALLED THIS ENGINE AFTER OVERHAUL BY MAGNUM ENGINES - SEE WORK ORDER ME1258. INSTALLED USING NEW LORD MOUNTS, MOUNT BOLTS & NUTS. SERVICED ENGINE WITH 9 QUARTS AEROSHELL 80 80 MINERAL OIL. INSTALLED NEW CH48109 OIL FILTER. GROUND RUN SATISFACTORY. NO OIL LEAKS NOTED.</p> <p>C/W 100 Hr. Inspection I/A/W <u>Beech</u> Inspection Form. AD's checked through current issue. Serviced engine with <u>9</u> qts of Aeroshell <u>80</u> Min. oil. Cyl. diff. Press. Cyl #1 <u> </u> /80 Cyl #2 <u> </u> /80 Cyl #3 <u> </u> /80 Cyl #4 <u> </u> /80 Cyl #5 <u> </u> /80 Cyl #6 <u> </u> /80. Ground run satisfactory. NEW CYLS</p> <p>I certify this ENGINE Serial No. <u>71698-9-C</u> has been inspected I/A/W a/an <u>100HR</u> Annual Inspection and was determined to be in an airworthy condition. Date <u>June 1 '05</u> Tach Reading <u>254</u> Total Time on Aircraft/Engine/Prop <u>3630</u> TSO <u>0.0</u></p> <p> GW Aviation, Inc. <u>Tim Masters</u> 140 N. Valley Road Xenia, OH 45385 <u>#1220663</u></p>
7/31/05	(21.5) 275.5			<p>CHANGED OIL & REPLACED FILTER. ADDED (16) QUARTS AEROSHELL OIL 80 MINERAL OIL. FILTER CHAMPION CH48109-1. E-W-F. 7/31/05 OWNER/RECOT</p>
MAR 18 '06	321.6			<p>C/W 100 Hr. Inspection I/A/W <u>Beech</u> Inspection Form. AD's checked through current issue. Serviced engine with <u>10</u> qts of Aeroshell <u>100</u> Min. oil. Cyl. diff. Press. Cyl #1 <u>72</u> /80 Cyl #2 <u>75</u> /80 Cyl #3 <u>74</u> /80 Cyl #4 <u>73</u> /80 Cyl #5 <u>73</u> /80 Cyl #6 <u>70</u> /80. Ground run satisfactory.</p>

(CONT.)

TOTAL TIME IN REPAIR	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		TOTALS brought forward from previous page
		I certify this <u>ENGINE</u> Serial No. <u>71698-9-C</u> has been inspected I/A/W a/an <u>100 Hr</u> / Annual Inspection and was determined to be in an airworthy condition.
		Date <u>MAR 18, '06</u> Tach Reading <u>321</u> Total Time on Aircraft Engine Prop <u>3697</u> TSO <u>67</u>
		<u>Tim Masters A3P 2802663</u>

ENGINE MODEL:
ENGINE S/N:
REG NO N9597R
WORK ORDER:
121-12-2006

Kalamazoo Aircraft, Inc.

Repair Station No. K9AR289N
2729 E Milham Rd.
Kalamazoo, MI 49002
Phone: 269-381-0790

DATE: 1/20/2007
A/C TSN: 7258.23
ENG TT:
TACH: 409

Engine Entries

ENGINE ANNUAL INSPECTION COMPLETED PER BEECH INSPECTION GUIDE AND FOUND TO BE IN AN AIRWORTHY CONDITION. COMPRESSION CHECK: 1 78/80, 2 77/80, 3) 77/80, 4) 78/80, 5) 77/80, 6) 78/80.... CHANGED OIL AND FILTER, INSPECTED REMOVED FILTER, NO DEFECTS FOUND, SERVICED ENGINE WITH 9 QUARTS OF AERO SHELL 15 W50 OIL, RAN, LEAK AND OPS CHECK GOOD.... REMOVED ENGINE FUEL PUMP SEND IN FOR REPAIRS REINSTALLED PUMP RAN ENGINE AND ADJUSTED PER TCM SID 97-3C NO LEAKS FOUND... REMOVED RH AND LH EXHAUST MUFFLERS AND COWL FLAP DOORS, BRACKETS FROM FIREWALL, FABRICATED NEW BRACKETS, INSTALLED ON FIREWALL, REINSTALLED EXHAUST.... REPOSITIONED RH EXHAUST TAIL PIPE... REPLACED MISSING EXHAUST NUT ON #2 CYLINDER... REMOVED OIL COOLER AND ADAPTER, CLEANED OFF OLD GASKETS, REPLACED WITH NEW GASKET, REASSEMBLED AND TORQUED LEAK CHECKED OK... RETIGHTNED ALL ROCKER COVER BOLTS... INSTALLED STUD IN ENGINE TO FACILITATE ATTACHMENT OF BAFFLE MOUNTING TAB FWD OF STARTER ON RH SIDE. ATTACHED BAFFLING WITH LOCK NUT... REPLACED BRACKET AIRFILTER BOX AND ELEMENT NEW UNIT PN BA-7110 & BA-7112... REMOVED AND CLEANED #6 INJECTOR. REINSTALLED AND TORQUED... REPOSITIONED BAFFLE SUPPORT AND TIGHTENED BOLT BETWEEN CYL #2 & 4... REPLACED MOUNTING TABS ON OIL COOLER BAFFLE WITH NEW TABS REPLACED PROP CONTROL CLAMP BOLT WITH NEXT LONGER BOLT... PRESSURE LUBED THROTTLE AND MIXTURE CONTROLS

DATE: 1/20/2007

SIGNED:

Ralph Michalka

Work Order: 121-12-2006

Ralph Michalka
Certified Repair Station No. K9AR289N

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Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342

N9597R

HM: 500.7

ENG TSO: 246.7

03/21/2008

ACTT: 7349.93

ENG TT: 3876.9

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon 35 maintenance manual as a guide.
2. Changed oil and filter Serviced with Aeroshell 15W50 oil.
3. Compressions: 1-72/80, 2-74/80, 3-74/80, 4-72/80, 5-74/80, 6-75/80.
4. Removed oil cooler. Reinstalled with new gaskets.
5. Replaced seals on cylinders # 4 and 6 pushrods.
6. Repaired baffles in various places.
7. AD's checked thru issue 2008-06.
8. Completed ground run and leak checked satisfactory.

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

Billy C. Haggin - I/A 448587094

Aviation Sales, Inc.
10600 Springboro Pike Miamisburg, OH 45342

N9597R
TACH: 502.1

05/21/2008

1. Replaced generator with an overhauled unit. Installed p/n 1101912, s/n 1583.
2. Completed ground run and checked satisfactory.

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

Joseph D. Kelly AP2263396

Aviation Sales, Inc.
10600 Springboro Pike Miamisburg, OH 45342

N9597R
TACH: 517.1

05/01/2009
ACTT: 7366.33

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon 35 maintenance manual as a guide.
2. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 15W50 oil.
3. Compressions: 1-74/80, 2-72/80, 3-72/80, 4-70/80, 5-72/80, 6-72/80.
4. Replaced induction filter.
5. Replaced generator belt.
6. AD's checked thru issue 2009-08.
7. Ground run and checked good.

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

Joseph D. Kelly IA 2263396

Aviation Sales, Inc.
10600 Springboro Pike Miamisburg, OH 45342



N9597R
TACH: 528.8
ENG TSO: 274.8

03/05/2010
ACTT: 7378.03
ENG TT: 3905.0

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon M35 maintenance manual as a guide.
2. Compressions: 1-77/80, 2-74/80, 3-76/80, 4-78/80, 5-77/80, 6-77/80.
3. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 15W50 oil.
4. Replaced induction filter element.
5. Ground run and leak checked good.

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

William C. Craig AP2444721 IA

TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON
			TOTALS brought forward from previous page

02/06/12 Tach 544.8 - Aircraft TT 7410.03 - Engine TT 3921.0 – SMOH 290.8. Installed Shadin Microflow Fuel Flow System. (See FAA 337 Engine and FAA 337 Airframe, both dated 2/2/12 Weight and Balance and Equipment Lists updated to reflect above. Aircraft will be weighed during Annual Inspection and Weight and Balance will be corrected as necessary.


 Clayton E Talley AP510441751



Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342

TR
I: 545.3
NE TSO: 291.3

6/01/2012
ACTT: 7394.53

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon 35 maintenance manual as a guide.
2. Compressions: 1-68/80, 2-74/80, 3-75/80, 4-78/80, 5-76/80, 6-76/80.
3. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 15W50 oil.
4. Replaced induction filter element.
5. Removed both mags. Replaced coil, points, capacitor, and gear and lock assembly in the right mag. Replaced points, capacitor, and gear and block assembly in the left mag. Reassembled both mags and timed internally. Reinstalled and timed to engine.
6. Resealed pushrod housings on cylinders #2, 4, and 6.
7. AD 2010-11-04 does not apply to the installed lifters.
8. AD 2012-03-06C does not apply to the installed servo.
9. AD's checked for compliance thru current issue.
10. Ground run and checked good.

I certify that the above work has been completed in accordance with current FAA regulations and this aircraft is approved for return to service.

Joseph W. Lally, IA 2263396



Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342

N9597R
TACH: 545.3
ENGINE TSO: 291.3

6/01/2012
ACTT: 7394.53

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon 35 maintenance manual as a guide.
2. Compressions: 1-68/80, 2-74/80, 3-75/80, 4-78/80, 5-76/80, 6-76/80.
3. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 15W50 oil.
4. Replaced induction filter element.
5. Removed both mags. Replaced coil, points, capacitor, and gear and lock assembly in the right mag. Replaced points, capacitor, and gear and block assembly in the left mag. Reassembled both mags and timed internally. Reinstalled and timed to engine.
6. Resealed pushrod housings on cylinders #2, 4, and 6.
7. AD 2010-11-04 does not apply to the installed lifters.
8. AD 2012-03-06C does not apply to the installed servo.
9. AD's checked for compliance thru current issue.
10. Ground run and checked good.

I certify that the above work has been completed in accordance with current FAA regulations and this aircraft is approved for return to service.

Joseph W. Lally, I, A2263396

Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342

N9597R
TACH: 559.6

07/18/2012

1. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 15W50 oil.
2. Ground run and checked good.

I certify that the above work has been completed in accordance with current FAA regulations and this aircraft for return to service.

Joseph W. Lally, A2263396

TOTALS-Carry forward to next page



Aviation Sales, Inc.
10600 Springboro Pike Miamisburg, OH 45342

N9597R
TACH: 672.5
Engine TSO: 293.43

08/01/2014
ACTT: 7521.73

1. Completed annual inspection in accordance with FAR 91.409 using the Raytheon M35 maintenance manual as a guide and this aircraft has been determined to be airworthy.
2. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 15W50 oil.
3. Compressions: 1-79/80, 2-72/80, 3-78/80, 4-76/80, 5-78/80, 6-78/80.
4. AD's checked for compliance thru current issue.
5. All work completed in accordance with the Raytheon M35 maintenance manual.
6. Ground run and checked good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

Joe Kelly JA263396



Aviation Sales, Inc.
10600 Springboro Pike Miamisburg, OH 45342

N9597R
TACH: 705.4

02/24/2015

1. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 15W50 oil. Ground run and leak checked good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

Bill C. King AT3444771

Aviation Sales, Inc.
10600 Springboro Pike Miamisburg, OH 45342



N9597R
TACH: 768.1
Engine TSO: 389.03

10/01/2015
ACTT: 7617.33
Engine TT: 4019.23

1. Completed an annual inspection in accordance with FAR 91.409 using the Raytheon M35 maintenance manual as a guide and this engine has been determined to be airworthy.
2. Compressions: 1-76/80, 2-76/80, 3-78/80, 4-79/80, 5-77/80, 6-78/80.
3. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 15W50 oil.
4. AD's verified thru current issue.
5. Run up and tested good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

James Whaley

Aviation Sales, Inc.
10600 Springboro Pike Miamisburg, OH 45342



N9597R
TACH: 842.0
Engine TSO: 462.93

11/4/2016
ACTT: 7691.23
Engine TT: 4093.13

1. Completed an annual inspection in accordance with FAR 91.409 using the Raytheon M35 maintenance manual as a guide and this engine has been determined to be airworthy.
2. Compressions: 1-73/80, 2-68/80, 3-71/80, 4-70/80, 5-69/80, 6-67/80.
3. Changed oil and filter. Inspected filter and no defects noted. Serviced with Aeroshell 15W50 oil.
4. AD2016-16-12 does not apply to the installed cylinders.
5. AD's verified thru current issue.
6. Run up and tested good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

James Whaley



Aviation Sales, Inc.
10600 Springboro Pike Miamisburg, OH 45342

N9597R
TACH: 956.7
ENGINE TSO: 577.33

02/16/2018
ACTT: 7805.93
Eng TT: 4207.83

1. Completed an annual inspection in accordance with FAR 91.409 using the Raytheon M35 maintenance manual as a guide and this engine has been determined to be airworthy.
2. Compressions: 1-74/80, 2-69/80, 3-74/80, 4-70/80, 5-68/80, 6-67/80.
3. Changed the oil and filter. Inspected the filter and no defects noted. Installed a new AA48109 filter and serviced with Aeroshell 15W50 oil.
4. AD 2016-16-12 does not apply to the installed cylinders.
5. AD's verified thru current issue.
6. Run up and tested good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

Handwritten signature: Harold C. Hajer AP 5444771 EA



Aviation Sales, Inc.
10600 Springboro Pike Miamisburg, OH 45342

N9597R
TACH: 1032.0
Engine TSO: 652.63

03/19/2019
ACTT: 7881.23
Engine TT: 4283.13

1. Completed an annual inspection in accordance with FAR 91.409 using the Raytheon M35 maintenance manual as a guide and this engine has been determined to be airworthy.
2. Compressions: 1-76/80, 2-66/80, 3-76/80, 4-70/80, 5-64/80, 6-62/80.
3. Changed the oil and filter. Inspected the filter and no defects noted. Installed a new AA48109 filter and serviced with Aeroshell 15W50 oil.
4. Replaced the spark plugs with new RHM40E plugs.
5. Removed both magnetos. Disassembled and inspected. Replaced the points in the right magneto with new 10-357174 points. Reassembled both magnetos, timed internally, reinstalled and timed to the engine.
6. Replaced the alternator belt and tensioned as required.
7. AD's verified thru current issue.
8. All of the above described work was completed in accordance with the Beech M35 maintenance manual.
9. Run up and tested good.

I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

Handwritten signature: J. W. Hajer AP 5444771 EA

E

TOTAL
TIME
IN
SERVICE

TOTAL
TIME
SINCE
OVERHAUL

TACH OR
RECORDING
METER
TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

ENGINE MODEL IO-470-C
ENGINE S/N 71698-9-C
REG NO N9597R
WORK ORDER
31583-03-2020



First Flight Aviation

10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 937-885-5580

DATE 4/7/2020
A/C TSN 795943
ENG TT 436133
TSMOH 730.83
TACH: 11102

Engine Entries

- (3) Completed an Annual inspection in accordance with FAR 91.409 using the Hawker Beechcraft Corporation M35 maintenance manual as a guide and this engine has been determined to be airworthy. AD's researched thru current date.
- (5) Changed oil & filter. Serviced with Aeroshell 15W50 and AA48109 filter.
- (6) Checked Compression - 1) 72 /80; 2) 75 /80; 3) 64/80; 4) 74 /80; 5) 65 /80; 6) 50 /80; MO 42/80.
- (31) Adjusted engine oil pressure (down) removed 2 washers.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy
The aircraft and/or component(s) on N9597R was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service Pertinent details of the repair are on file at this repair station under Work Order No 31583-03-2020

DATE: 4/7/2020

SIGNED:

Hegi, Billy, IA. AP3444771

Work Order: 31583-03-2020

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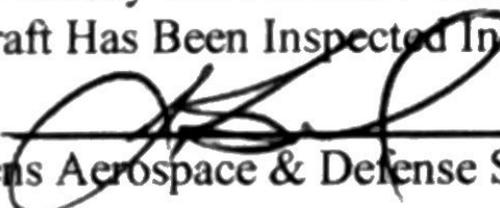


Date: 7/12/2021

Engine

Model:	IO-470-C	N#:	N9597R
Serial No.:	71698-9-C	H.M./Tach:	1190.6
TSN:	4441.73	TSO:	811.23
		A/C TT:	8039.83

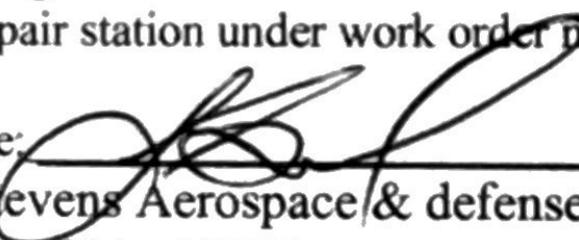
This Is To Certify An Annual / 100 Hr Inspection Has Been Accomplished In Accordance With FAR 43 Appendix "D".
This Aircraft Has Been Inspected In Accordance With Current FAA Regulations Is Airworthy And Approved For Return To Service.

Signature:  7/12/2021
For, Stevens Aerospace & Defense Systems, CRS VIB4368K, Dayton Int'l Airport, Vandalia, Ohio 45377

Compressions: 1-76/80, 2-70/80, 3-72/80, 4-75/80, 5-50/80, 6-71/80.

1. Reinstalled #5 cylinder p/n 653446 s/n 113116 following overhaul by Gibson Aviation under Work Order 113116. Reference FAA form 8130-3 dated 07/JUN/2021.
2. Replaced starter contactor solenoid with new p/n STS-S12 s/n 80V34250, ops. check good.

The Aircraft, Airframe, Aircraft engine, Propeller, and/or Appliance Identified Above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair(s) are on file at this repair station under work order no(s). DAY-WO- 968

Signature:  7/12/2021
For, Stevens Aerospace & defense Systems, CRS VIB4368K, Dayton Int'l Airport,
Vandalia, Ohio 45377

Date: 8/11/2021

Engine

Model: IO-470-C
 Serial No.: 71698-9-C
 TSN: 4453.4
 TC

N#: N9587R
 H.M./Tach: 1202.3
 A/C TT: 8051.5
 A/C TC:

1. Replaced #5 cylinder intake pushrod housing packings with new using (2) ea. p/n 534610 and (1) ea. gasket p/n 655528.
2. Drained oil and replaced filter with new using (1) ea. p/n CH48103-1. Serviced using Aeroshell 15W50 oil. No leaks noted following engine run.

The Aircraft, Airframe, Aircraft engine, Propeller, and/or Appliance Identified Above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair(s) are on file at this repair station under work order no(s). DAY-WO- 1074

Signature: [Signature]
 For, Stevens Aerospace & Defense Systems, CRS VIB4368K, Dayton Int'l Airport,
 Vandalia, Ohio 45377

Date: 06/27/2022

Engine

Model: IO-470-C
 Serial No.: 71698-9-C
 TSN: 4486.1
 TC

N#: N9597R
 H.M./Tach: 1226.9
 A/C TT: 8084.2
 A/C TC:

1. Replaced LH exhaust tailpipe clamp with new using (1) ea. p/n 35-910003-41.
2. Replaced induction filter with new using (1) ea. p/n BA-7112 IAW Brackett I-194 ICA.
3. Cleaned ignition leads, checks good during ground run.

The Aircraft, Airframe, Aircraft engine, Propeller, and/or Appliance Identified Above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service at this repair station under work order no(s). DAY-WO- 1323

Signature: [Signature]
 For, Stevens Aerospace & Defense Systems, CRS VIB4368K, I
 Vandalia, Ohio 45377

Blue Ash Aircraft Service N9597R

Date: 11-14-22 Tach/Hobbs 1292.

Remove left mag 500 hr inspection by professional aircraft mechanics
reinstall any ground run up OK

Paul B. [Signature]

Date 9-26-23 Annual/100hr inspection Tach 1240.4 Change oil

B Prtygs 20-50 -Check & clean fuel screens-Clean gap & test sparkplugs

-Check Mags, Starter & Alternator-Check Exhaust system for leaks & cracks

A -Check & lube all engine controls- wash engine & cowl down-run up and leak check. Lap #4 of 6 cylinders (exhaust valves) replace

A work rocker cover gaskets 4 & 6.

S

1 64 3 67 5 68

2 64 4 60*6 66*

80 * After lap

F Date 10-14-24 Annual/100hr inspection Tach 1370. Change oil & filter

B Pwlyls 20-50 -Check & clean fuel screens-Clean gap & test sparkplugs
-Check Mags, Starter & Alternator-Check Exhaust system for leaks & cracks

A -Check & lube all engine controls- wash engine & cowl down-run up and leak
check. Replace Air Filter. Check AD's to date.

A _____

S _____
MWJG HP 3673236

Compression

1	<u>64</u>	3	<u>69</u>	5	<u>71</u>
2	<u>60</u>	4	<u>69</u>	6	<u>71</u>
80					

ORIK

Date 1-1-26 Annual/100hr inspection Tach 1420 Change oil & filter

B Pwlyls 20-50 -Check & clean fuel screens-Clean gap & test sparkplugs
-Check Mags, Starter & Alternator-Check Exhaust system for leaks & cracks

A -Check & lube all engine controls- wash engine & cowl down-run up and leak
check. Check AD's to date

A _____

S _____
MWJG HP 3673236 IA

Compression

1	<u>71</u>	3	<u>72</u>	5	<u>68</u>
2	<u>62</u>	4	<u>66</u>	6	<u>67</u>
80					