

ENGINE RECORD

- 1. Make Jacobs
- 2. Model B755-A2M
- 3. Specification E-237
- 4. Manufacturer's Serial Number 12318
- 5. Date of Manufacture —
- 6. Overhaul Period 1400 HRS

DATE	RECORDER		TOTAL TIME SINCE NEW	
	HRS.	MIN.	HRS.	MIN.

BROUGHT FORWARD →

R755-A2M S/N: 12318 1480TT 4/20/2015

This engine overhauled in accordance with manufacturers overhaul instructions. Converted to R755A2M in accordance with Air Repair, Inc. SB 82. New production aluminum crankcase serial #AR020. New data plate installed. Ferrous & non-ferrous parts were NDT inspected as necessary. Cylinders were nu-chrome plated by Aircraft Cylinders of America. NAR7A carburetor, serial #: 5698337 overhauled by Air Repair, Inc. VMN7DF5-ARMOD Magnetos, serial #217 and serial #218 modified per STC SE04135AT, overhauled and installed per STC #SE02589AT. Installed exhaust valve rotators per STC #SE572SW (see 337). New ignition wire and flex leads. See attached parts list for new parts installed. Complied with Service Bulletins 53, 54C, 56, 57 and incorporated the following new Service Bulletins: 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, & 79. Test run 4 hours. All systems checked OK. Engine is ready for installation on aircraft. This engine meets the requirements of Service Bulletin 80 for 1400 hr T.B.O. when an Airwolf oil filter and Brackett air filter are installed in conjunction with this overhaul.

[Signature]
Peter M. Jones A&P 587546591

NEW PARTS LIST

14 4275 Compression Ring	1 4292 Oil Control Ring	1 4273 Scrapper Ring	
1 4018 Data Plate	1 4022 Shaft	1 4023 Bearing	1 4515 Bearing
1 4024 Spacer	1 4025 Bearing	1 4026 Washer	1 4516 Key
1 4027 Nut	1 4028 Key	1 4030 Washer	1 4517 Gear
1 4031 Nut	1 4033 Washer	1 4036 Sleeve	1 4518 Gear
14 4037A Tappet	14 4039 Roller	14 4040 Pin	1 4519 Gear
1 4041A Cam	1 4044 Bearing	1 4045 Spacer	1 4520 Washer
1 4046 Key	1 4048 Sleeve	4 4049 Ring	1 4521 Nut
4 4050 Ring	1 4051 Bearing	1 4052 Slinger	1 4557 Bearing
1 4053 Spacer	7 4319A Rotator	14 4320 Lock	1 4604A Shaft
14 4321 Lock	7 4322A Rocker	7 4323A Rocker	1 4700A Oil Pump
14 4329 Shaft	7 4334A Pushrod	7 4335A Pushrod	1 4759A Line
28 4340 Nut	7 4345 Nut	1 4411 Sleeve	1 4760A Line
1 4502 Bearing	1 4507 Tube	1 4509 Gear	1 4761A Line
1 4762A Line	1 4055 Shim	1 4056 Plate	1 4057 Nut
6 4105 Bolt	2 4124 Bearing	1 4125 Washer	1 4126 Nut
1 4209 Plug	1 4210 Bolt	1 4212 Bolt	1 4213 Nut
1 4251 Bearing	1 4252 Dowel	1 4253 Bushing	1 4254 Pin
6 4256 Rod	6 4257 K-Pin	12 4258 Washer	6 4259 Bolt
6 4265A Pin	5 4276 Piston	7 4309 Guide	7 4310 Guide
7 4313 Valve	7 4314 Valve	7 X4315 Seat	7 4316 Washer
14 4317 Spring	14 4318 Spring	1 4512A1 Gear	7 4319 Washer
7 4343 Flange	1 4511 Washer	1 4510 Bolt	1 4512A1 Gear Assembly
1 4751A Distributor	1 4813A Conduit	1 4814A Conduit	1 4503 Bearing
1 4017 Flange	1 90028 Strainer	2 4290 Pistons	14 REM37BY Plugs
1 4950A Gasket Set	1 4962A Hose Set	1 4513A1 Gear	1 4100A Crankcase



ENGINE SERVICE AND MAINTENANCE RECORD

T D	RECORDER		TOTAL TIME SINCE NEW	
	HRS.	MIN.	HRS.	MIN.

INSPECTION, REPAIRS & REPLACEMENT

08/18/2015 S/N 12318

This engine installed on YMF WACO F5C Serial Number F5C-8-143, Reg. No. N949GS on this date by WACO Classic Aircraft Corporation.

Total Time in service: 1480.0 Hrs.
Time Since Major Overhaul: 0 Hrs.



Carl L. Dye, Chief Inspector
WACO Classic Aircraft Corporation

Reg.: N949GS Make: Jacobs Model: R755A2M S/N: 12318
Tach: 157.9 SMOH: 157.9 TT: 1637.9

1. Completed 100 hr. inspection per WACO Classic manual YMFAMM-1 Ref. F. and Jacobs Operators Manual.
2. Compressions: #1 80/80 #2 78/80 #3 76/80 #4 78/80 #5 78/80 #6 78/80 #7 76/80.
3. Replaced left and right magneto drive seals P/N4558 in accessory drive for in accordance with Jacobs service manual.
4. Completed valve clearance inspection in accordance with Jacobs manual.
5. Completed cylinder base nut torque inspection in accordance with Jacobs manual.
6. Drained oil, cleaned screen. Cut open filter and inspected for debris, no defects noted. New CH48109-1 filter was installed. Serviced with 5 gallons Phillips XC25W/60.
7. Adjusted ignition timing in accordance with STC SE0289AT installation instructions 1200C. Adjusted left and right magneto point gap.
8. Cleaned, gapped and tested spark plugs. Replaced one REM37BY spark plug
9. Drained fuel strainer, checked screens. No debris found.
10. Adjusted idle mixture and idle speed. Leaned mixture, reduced idle speed.
11. Tightened all oil hose clamps.
12. No AD's due at this time.
13. Post inspection run up and leak checks found to be satisfactory..

I certify this engine has been inspected in accordance with an 100 hr. inspection and was found to be in airworthy condition.

This aircraft was repaired and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order #SO-16-0030.


Joe Newman Inspector DATE: 9-13-2016
Centennial Aircraft Services, Inc., 15955 S. Airport Rd., Battle Creek, MI 49015 CRS # W2OR467Y

ENGINE SERVICE AND MAINTENANCE RECORD

DATE	RECORDER		TOTAL TIME SINCE NEW		INSPECTION, REPAIRS & REPLACEMENT	
	HRS.	MIN.	HRS.	MIN.	Model: R755A2M	S/N: 12318

BROUGHT FORWARD

Reg.: N949GS Make: Jacobs
Tach: 157.9 SMOH: 157.9

- Installed P/N-4650A adaptor on accessory drive pad. Installed propeller governor on adaptor. Installed required oil lines. Installation was completed in accordance with Classic Aircraft Corp drawing 50670 and Jacobs operators manual.
- Post inspection run up and leak checks found to be satisfactory.

This aircraft was repaired and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order #SO-16-0031.

Joe Newman
 DATE: 9-13-2016
 Joe Newman Inspector CRS # W2OR467Y
 Centennial Aircraft Services, Inc., 15955 S. Airport Rd., Battle Creek, MI 49015

Reg.: N949GS Make: Jacobs Model: R755A2M S/N: 12318
Tach: 170.5 SMOH: 170.5 TT: 1650.5

- Removed propeller governor P/N-1A4-G5 S/N-265722 and adaptor P/N-4650A. Removed required oil lines. Installed original accessory pad cover plate with new gasket. Reinstalled crankshaft oil plug.
- Post inspection run up and leak checks found to be satisfactory.

This aircraft was repaired and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order #SO-16-0040.

Joe Newman
 DATE: 11-04-2016
 Joe Newman Inspector CRS # W2OR467Y
 Centennial Aircraft Services, Inc., 15955 S. Airport Rd., Battle Creek, MI 49015

R755-A2M

S/N: 12318

Date: 11/08/17

Replaced crankshaft with overhauled unit Serial Number S3990. All new crankshaft bearings, new master rod, new slinger and thrust nut. Serviced mags. Engine test run and ready for reinstallation.

Peter M. Jones
 Peter M. Jones A&P 587407882



ENGINE SERVICE AND MAINTENANCE RECORD

Approving Competent Authority/Country
 Zuständige Genehmigungsbehörde / Staat
 Luftfahrt-Bundesamt / Germany

DATE	RECORDER		TOTAL TIME SINCE NEW		INSPECTION, REPAIRS & REPLACEMENT
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	→				

N949GS
 12318
 R755A2M
 WO# S-17-1189

Tom's Aircraft
LLC
 2721 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806
ENGINE LOG ENTRY

DATE 12/01/2017
 HOBBS 217
 T TIME 1697
 TSMOH 217

- # 1 COMPRESSION TEST: #1 78/80, #2 78/80, #3 76/80, #4 72/80, #5 75/80, #6 78/80 and #7 76/80
- # 2 REMOVED AND REPLACED THIS ENGINE FOR REPAIR. SEE AIRREPAIR LOG BOOK ENTRY DATED 11/08/2017
- # 3 CHANGED THE OIL AND FILTER, PN# CH48109-1, 5 GAL PHILLIPS 25W60.
- # 4 ENGINE WAS REINSTALLED USING THE ENGINE MOUNTS, FUEL AND OIL HOSE AND ALL ACCESSORIES AS REMOVED.
- # 5 ENGINE WAS REINSTALLED WITH NEW GASKETS AND SEALS AS NEEDED AND SUPPLIED BY AIRREPAIR.
- # 5 INSTALLED AND TIMED THE MAGS AS PER THE INSTALLATION INSTRUCTIONS IN STC SE02589AT, REPORT # 1200C

This ENGINE has been inspected in accordance with a 100HR/annual inspection as per FAR PART 43 APPENDIX D. This inspection used the JACOBS service manual as a reference. This engine was found to be in an airworthy condition. Washed and ran the engine. All systems ops check good. This Engine is approved for return to service.
FRANCIS SALISBURY FAA REPAIR STATION VTMR569K

2. AUTHORISED RELEASE CERTIFICATE
 EASA FORM 1

2019				
4/2/19	TAHCT.	214.0		Performed an Annual Inspection I.A.W. FAR 43 Appendix "D" And Jacobs m.m. Lubed All Pivot Points, Changed oil And Filter serviced with Phillips 25w-60 5 gallons Installed new Champion 48109-1 Filter, cleaned screen no metal found. Removed crankshaft oil plug and installed Prop Governor PT# 2A4-65 s/n 271635 And new oil lines, on adapter PT# 2657a2 Installed MTV-15-AA-C/J236-29 s/n# 190932 And Spinner PT# 1394-2. Installed new bracket Air filter PT# BA-2705. Cleaned and gapped plugs, mag timing checked "OK" Compression Test #1 78/80 #2 78/80 #3 76/80 #4 72/80 #5 75/80 #6 78/80 #7 76/80 Installed new Jasco Alternator PT# 7555T s/n# H-504- 0737. Ops checks "OK" Identify this engine has been inspected I.A.W. An Annual Inspection And was found to be in Airworthy condition as of this date 4/2/19 <i>Francis Salisbury</i>
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TOTAL SINCE NEW				

3. Form Tracking Number
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 0608/15

ENGINE SERVICE AND MAINTENANCE RECORD

DATE	RECORDER		TOTAL TIME SINCE NEW		INSPECTION, REPAIRS & REPLACEMENT
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

N949GS
12318
R755A2M
WO# 20-641

OCR Aviation

Phone 1-562-426-5331 FAX 1-562-426 1052
2721 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806

ENGINE LOG ENTRY

DATE 08/25/2020
HOBBS 245.3
T TIME 1707.6
TSMOH 227.6

2.1 Completed a 100hr / Annual Inspection
2.2 Changed the oil and filter, PN# CH48109-1, Added 5 GAL PHILLIPS 25W60.
2.3 Completed the compression test: # 1 78/80, # 2 78/80, # 3 00/ 80, # 4 78/80, # 5 76/80, #6 77/80 and # 7 77/80
2.4 Installed New Spark Plugs PN: REM37BY QTY14, Installed using the YMF WACO F5 Series Maintenance Manual PN: YMFAMM-1 as a reference.
2.5 Installed an Overhauled #3 Cylinder PN:755A2 SN:107, Installed using the Jacobs Aircraft Engine Model R755A and R755B Operators Manual Page 31 Cylinder removal and installation as a reference.

This ENGINE has been inspected in accordance with a 100HR/annual inspection as per FAR PART 43 APPENDIX D. This inspection used the JACOBS service manual as a reference. This engine was found to be in an airworthy condition. Washed and ran the engine. All systems ops check good. This Engine is approved for return to service.

FRANCIS SALISBURY

FAA REPAIR STATION VTMR569K

N949GS
12318
R755A2M
WO# 22-1323

OCR Aviation

Phone 1-562-426-5331 FAX 1-562-426 1052
2721 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806

ENGINE LOG ENTRY

DATE 08/22/2022
TACH 232.6
T TIME 1712.6
TSMOH 232.6

2.1 This ENGINE has been inspected in accordance with a 100HR/annual inspection as per FAR PART 43 APPENDIX D. This inspection used the JACOBS service manual as a reference.
2.2 Completed the compression test: # 1 78/80, # 2 78/80, # 3 78/ 80, # 4 75/80, # 5 70/80 and # 6 76/80, # 7 75/80
2.3 CHANGED THE OIL AND FILTER, PN# CH48109-1, 5 GAL PHILLIPS 25W60.
2.4 Installed new Induction Air Filter PN:BA-2705.
2.5 Installed new #1 Cylinder Spark Plug PN: UREM37BY.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 22 - 1323.

FRANCIS SALISBURY

FAA REPAIR STATION VTMR569K

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TOTAL SINCE NEW					

ENGINE

MAINTENANCE RECORD

ENGINE RECORD

1. Make Jacobs
2. Model R755-A2M
3. Specification E-237
4. Manufacturer's Serial Number 12318
5. Date of Manufacture —
6. Overhaul Period 1400 Hrs

ENGINE SERVICE AND MAINTENANCE RECORD

DATE	RECORDER		TOTAL TIME SINCE NEW		INSPECTION, REPAIRS & REPLACEMENT
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					

R755-A2M S/N: 12318 1480TT 4/20/2015

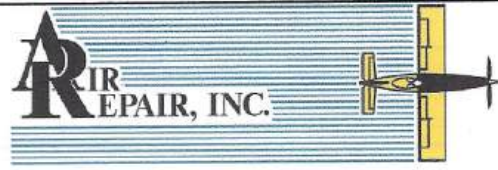
This engine overhauled in accordance with manufacturers overhaul instructions. Converted to R755A2M in accordance with Air Repair, Inc. SB 82. New production aluminum crankcase serial #AR020. New data plate installed. Ferrous & non-ferrous parts were NDT inspected as necessary. Cylinders were nu-chrome plated by Aircraft Cylinders of America. NAR7A carburetor, serial #: 5698337 overhauled by Air Repair, Inc. VMN7DF5-ARMOD Magnetos, serial #217 and serial #218 modified per STC SE04135AT, overhauled and installed per STC #SE02589AT. Installed exhaust valve rotators per STC #SE572SW (see 337). New ignition wire and flex leads. See attached parts list for new parts installed. Complied with Service Bulletins 53, 54C, 56, 57 and incorporated the following new Service Bulletins: 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, & 79. Test run 4 hours. All systems checked OK. Engine is ready for installation on aircraft. This engine meets the requirements of Service Bullentin 80 for 1400 hr T.B.O. when an Airwolf oil filter and Brackett air filter are installed in conjunction with this overhaul.

Peter M. Jones

Peter M. Jones A&P 587546591

NEW PARTS LIST

14 4275 Compression Ring	1 4292 Oil Control Ring	1 4273 Scrapper Ring		
1 4018 Data Plate	1 4022 Shaft	1 4023 Bearing	1 4515 Bearing	
1 4024 Spacer	1 4025 Bearing	1 4026 Washer	1 4516 Key	
1 4027 Nut	1 4028 Key	1 4030 Washer	1 4517 Gear	
1 4031 Nut	1 4033 Washer	1 4036 Sleeve	1 4518 Gear	
14 4037A Tappet	14 4039 Roller	14 4040 Pin	1 4519 Gear	
1 4041A Cam	1 4044 Bearing	1 4045 Spacer	1 4520 Washer	
1 4046 Key	1 4048 Sieve	4 4049 Ring	1 4521 Nut	
4 4050 Ring	1 4051 Bearing	1 4052 Slinger	1 4557 Bearing	
1 4053 Spacer	7 4319A Rotator	14 4320 Lock	1 4604A Shaft	
14 4321 Lock	7 4322A Rocker	7 4323A Rocker	1 4700A Oil Pump	
14 4329 Shaft	7 4334A Pushrod	7 4335A Pushrod	1 4759A Line	
28 4340 Nut	7 4345 Nut	1 4411 Sleeve	1 4760A Line	
1 4502 Bearing	1 4507 Tube	1 4509 Gear	1 4761A Line	
1 4762A Line	1 4055 Shim	1 4056 Plate	1 4057 Nut	
6 4105 Bolt	2 4124 Bearing	1 4125 Washer	1 4126 Nut	
1 4209 Plug	1 4210 Bolt	1 4212 Bolt	1 4213 Nut	
1 4251 Bearing	1 4252 Dowel	1 4253 Bushing	1 4254 Pin	
6 4256 Rod	6 4257 K-Pin	12 4258 Washer	6 4259 Bolt	
6 4265A Pin	5 4276 Piston	7 4309 Guide	7 4310 Guide	
7 4313 Valve	7 4314 Valve	7 X4315 Seat	7 4316 Washer	
14 4317 Spring	14 4318 Spring	1 4512A1 Gear	7 4319 Washer	
7 4343 Flange	1 4511 Washer	1 4510 Bolt	1 4512A1 Gear Assembly	
1 4751A Distributor	1 4813A Conduit	1 4814A Conduit	1 4503 Bearing	
1 4017 Flange	1 90028 Strainer	2 4290 Pistons	14 RBM37BY Plugs	
1 4950A Gasket Set	1 4962A Hose Set	1 4513A1 Gear	1 4100A Crankcase	
1 4200A Crankshaft				



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ENGINE SERVICE AND MAINTENANCE RECORD

DATE	RECORDER		TOTAL TIME SINCE NEW		INSPECTION, REPAIRS & REPLACEMENT
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

NG49GS
 12318
 R755A2M
 WOC# S-17-1189

Tom's Aircraft
LLC
 2721 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806
ENGINE LOG ENTRY

Phone 1-562-426-5331 DATE 12/01/2017
 FAX 1-562-426 1052 HOBBS 217
 T TIME 1697
 TSMOH 217

- #1 COMPRESSION TEST: #1 78/80, #2 78/80, #3 76/80, #4 72/80, #5 75/80, #6 78/80 and #7 76/80
- #2 REMOVED AND REPLACED THIS ENGINE FOR REPAIR. SEE AIRREPAIR LOG BOOK ENTRY DATED 11/08/2017
- #3 CHANGED THE OIL AND FILTER, PN# CH48109-1, 5 GAL PHILLIPS 25W60.
- #4 ENGINE WAS REINSTALLED USING THE ENGINE MOUNTS, FUEL AND OIL HOSE AND ALL ACCESSORIES AS REMOVED.
- #5 ENGINE WAS REINSTALLED WITH NEW GASKETS AND SEALS AS NEEDED AND SUPPLIED BY AIRREPAIR.
- #6 INSTALLED AND TIMED THE MAGS AS PER THE INSTALLATION INSTRUCTIONS IN STC SE02589AT, REPORT # 1200C

This ENGINE has been inspected in accordance with a 100HR/annual inspection as per FAR PART 43 APPENDIX D. This inspection used the JACOBS service manual as a reference. This engine was found to be in an airworthy condition. Washed and ran the engine. All systems ops check good. This Engine is approved for return to service.

FRANCIS SALISBURY

FAA REPAIR STATION VTMR569K

2019				
4/2/19	TCHT.	214.0		Performed an Annual Inspection IAW FAR 43 Appendix "D" And Jacobs m.m. Lubed all pivot points, changed oil and filter. SERVICED WITH PHILLIPS 25W-60 5 gallons. Installed new Champion 48109-1 FILTER, CLEANED SCREEN AND METAL FOUND. Removed CRANKSHOET oil plug and installed Prop Governor PT# 2A4-G5 s/n 271635 And new oil lines, On Adapter PT# 265722 Installed MTV-15-AA-C/L236-29 s/n# 140932 And Spinner PT# 1394-2 Installed new bracket Air filter PT# BA-2705. Cleaned and gapped plugs, Mag timing checked "OK" Compression TEST #1 78/80 #2 78/80 #3 76/80 #4 72/80 #5 75/80 #6 78/80 #7 76/80 Installed new Jasco Alternator PT# 7533T s/n# H-504-0737. Ops checks "OK" I certify THIS ENGINE HAS BEEN INSPECTED IAW An Annual Inspection And WAS Found To BE In Airworthy condition AS OF THIS DATE 4/2/19
TOTAL THIS PAGE				
TOTAL FROM PREV. SUMMARY				
TOTAL SINCE NEW				