

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. _____

Engine Manufacturer _____

Model _____

Serial No. _____

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- Right Left
 Front Rear

Thoroughbred Aviation Maintenance, LLC.

Date: 05/Dec/2016	Powerplant	Tach: 4059.9	Hobbs: 3384.5
AC N: 7607H	WO: 2176	Acft TT: 4059.9	
Eng PN: O-470-U	AC SN: 18267922	EngTT: 1991.8	Eng TSO: 1991.8
	Eng SN: 286553-R		

1. Drained oil, installed new owner supplied Saf-Air F62 oil drain valve.
2. Serviced w/ 10qts Phillips W100AD.

-----End-----

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service. "Pertinent" details of the repair are on file at this agency under Work Order # 2176 Date: 05/Dec/2016

Signed:  Jaret Voshell AP3156299



(All applicable information must be filled in)

AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

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				

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: Invoice #9793	
4. Organization Name and Address: Signature Engines, Inc., 4760 Airport Road, Cincinnati, Ohio 45226				5. Work Order/Contract/Invoice Number: E7064	
6. Item:		7. Description:		8. Part Number:	
1		Continental Motors Engine		O-470-U	
9. Quantity:		10. Serial Number:		11. Status/Work:	
1		286553-R		Overhauled	
12. Remarks: THIS ENGINE HAS BEEN OVERHAULED IN ACCORDANCE WITH THE APPLICABLE CONTINENTAL MOTORS MANUALS. A LIST OF ALL PARTS, F.A.A. AIRWORTHINESS DIRECTIVES AND MANUFACTURER'S SERVICE BULLETINS COMPLIED WITH ARE A PART OF THESE RECORDS. ALL PARTS HAVE BEEN INSPECTED AND HAVE BEEN DETERMINED AIRWORTHY TO RETURN TO SERVICE. ENGINE TEST RUN PER OVERHAUL MANUAL. TEST SHEET FURNISHED. THIS ENGINE IS AIRWORTHY FOR RETURN TO SERVICE.					
PARTS AND ACCESSORIES REPLACED: 6 New Superior Millennium Cylinders 2 Overhauled Bendix Magnets 1 New Harness 1 Overhauled Carburetor 1 New Set of Spark Plugs					
Engine T.S.M.O. 0 Hours Engine T.T.S.N. 1993.9 Hour					
13a. Certifies the items identified above were manufactured in conformity to:			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12		
<input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.:	
				E5ZR316Y	
				14d. Name (Typed or Printed): Terrence McRoberts, Inspector	
				14e. Date (dd/mm/yyyy): 18/Jan/2017	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005

Thoroughbred Aviation Maintenance Engine

Date: 20/Feb/2017 WO: 2247 Tach: 4062.1 Hobbs: 3386.9
AC N: 7607H AC SN: 18267922 Acft TT: 4062.1
Eng PN: O-470-U Eng SN: 286553-R EngTT: 1993.9 Eng TSO: 0.0

1. Installed OH'd engine on aircraft. See CRS# E5ZR316Y 8130 dated 18/Jan/2017, wo#E7064.
2. Performed 100H/Annual inspection IAW Cessna 182R MM and TCM O-470-U OM inspection checklist to include the scope and detail of 14CFR43 Appendix D.
3. Serviced w/ 12qts Aeroshell 80 Mineral oil.
4. Performed ground run and leak check. No discrepancies noted.

End

I certify that this aircraft has been inspected/serviced/repared referencing Cessna 182R and TCM O-470 Technical Publications, applicable FARs and found to be in airworthy condition at this time.

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service. "Pertinent" details of the repair are on file at this agency under Work Order # 2247 Date: 20/Feb/2017
Signed: Jaret Voshell AP31562991A

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TOTALS-Carry forward to next page

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
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FRIENDSHIP FLYING SERVICE (606) 439-5140
April 16, 2017 *4106.3*
CESSNA 182, N7607H, TACH: ~~5061.8~~

Drained oil and changed filter. Replaced with ~~10~~ *20W50* quarts mineral oil and Ch48108 oil filter. Ground ran and checked O.K.

Jeffrey Hylton A&P 3336360



Thoroughbred Aviation Maintenance, Inc.
Powerplant

Date: 22/Sep/2017
AC: N7607H
Eng PN: O-470-U

WO: 8400
AC SN: 18267922
Eng SN: 286553-R

Tach: 4121.7
Eng TT: 2053.6
Eng TSO: 59.6

1. Performed 100 Hour/Annual Inspection IAW Cessna 182R MM and TCM O-470-U OM inspection checklist to include the scope and detail of 14 CFR Part 43 Appendix D.
2. Drained Engine Oil
3. Removed Engine Oil Filter. Cut and Inspected. No Defects Noted. Installed new filter CH48108-1
4. Serviced Engine with 11 quarts of Phillips 66 X/C 20W50.
5. Performed compression test (Hot) Results: #1 73/80 #2 65/80 #3 65/80 #4 71/80 #5 71/80 #6 73/80
6. Removed, Cleaned, Inspected, Rotated and Installed Spark Plugs using new gaskets P/N: M674 and Antiseize.
7. Verified magneto to engine timing.
8. Performed Leak and Operational Check Out. No Defects Noted.

End

I certify that this engine has been inspected in accordance with 14 CFR Part 43 appendix D 100 Hour inspection and found to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service. "Pertinent" details of the repair are on file at this agency under Work Order:8400 Date: 22/Sep/2017
Signed: For CRS: R81R199Y

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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				
03/01/2018		SMOH 122.6	TACH 41184.0	Drained oil and serviced with 10 quarts of 20W-50. Removed and Replaced Oil Filter PLV. CH 48108-1, no contaminants noted. Ground Run check checked good. Return to service. Billy P. AIP 3705875



Thoroughbred Aviation Maintenance, Inc.
Engine

Date: 6/28/2018 Reg. #: N7607H WO: 3125
 Type: Cessna 182R SN: 18267922
 Eng.: TCM O-470-U SN: 286553-R Tach 4220.7
 Prop: C2A34C204/90DCB-8 SN: 811331

1. Hot Compressions (MO 42/80) #1.70/80 #2.64/80 #3.70/80 #4.61/80 #5.67/80 #6.68/80
2. Serviced engine with 11 qts. Phillips X/C 20W-50 oil and new Champion CH48108-1 oil filter.
3. Oil sample taken and sent to AOA for oil analysis
4. No abnormal particles found in old oil filter.
5. Removed, cleaned, inspected, and gapped spark plugs. Plugs installed with new M674 copper gaskets.
6. Installed new BA-8103-1 air induction filter. Next due in 100hrs. or next annual.
7. Installed new Oil Temperature sending unit, p/n: S2335-1.
8. I certify this engine has been inspected per annual inspection IAW 14 CFR part 43 appendix D and found to be in airworthy condition, using the Cessna 182R checklist as a guide.

-----End-----

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service. "Pertinent" details of the repair are on file at this agency under Work Order: 3125 Date: 6/28/2018
 Signed: *[Signature]* AP/IA #: 3596771

Date: 08/29/19 N7607H Make: CONT. Model: 0470U
 Vin: 286553R SMOH: 282.0 TACH: 4343.2

Performed annual inspection on engine using the continental service manual as a guideline. Checked compression as follows
 1/76 2/77 3/77 4/76 5/75 6/74 Drained engine oil and replaced oil filter with ch48109 and 10 qts Phillipps 15/50. Cut filter to inspect for metal, none noted. Checked all hoses, rod ends, cables, and lincage cleaned and gapped spark plugs and checked magneto timing to factory spec. Cleaned gascolator filter, test run, chk for leaks and return to service. I certify that this engine has been inspected IAW an annual/ INSPECTION per far 43 appendix d.

Ronald Herald AIP 3587880
 Signed: *[Signature]*

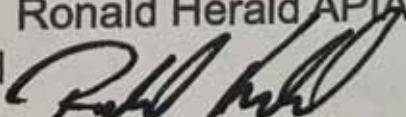
TOTALS-Carry forward to next page

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				
11-27-19			4419.4	Drained oil and serviced with 10 qts of Phillips 20W/50. Removed and Replaced CH 48108 oil filter, no contamination, Ground Run Leak check good, Return to service <i>[Signature]</i> A+P 3336360
SUB-TOTALS this page				
TOTALS -Carry forward to next page				

Date: 03/10/20 N7607H Make:CONT. Model: 0470U
Vin:286553R SMOH:378.7 TACH:4439.7

Performed annual inspection on engine using the continental service manual as a guideline. Checked compression as follows

1/78 2/74 3/74 4/72 5/72 6/70 Drained engine oil and replaced oil filter with ch48109 and 10 qts Phillipps 15/50. Cut filter to inspect for metal, none noted. Checked all hoses, rod ends, cables, and lincage cleaned and gapped spark plugs and checked magneto timing to factory spec. Cleaned gascolator filter, test run, chk for leaks and return to service. I certify that this engine has been inspected IAW an annual/ INSPECTION per far 43 appendix d.

Signed  Ronald Herald APIA 3587880