



Model 0-360-A3A

W.O. E2728

Serial L-5454-36

Date 2-25-94

Limited Warranty

It is expressly agreed that we, warrant re-built engines and accessories (except those accessories being re-built or purchased from another vendor who has warranted said accessory and whose warranty will be passed through to the purchaser and be the only warranty on such accessory) to be free from defects in material and workmanship, under normal use and service, for 240 hours of operation or 180 days from date of sale, whichever ever occurs first, in accordance with the following conditions:

1. T. W. SMITH ENGINE CO., INC. reserves the right to repair or replace, or to authorize repair or replacement, any items which fall due to defect in material or workmanship, and further provided that the engine has been operated under normal use and service, according to aircraft operation manual, unless otherwise specified.
2. T. W. SMITH ENGINE CO., INC. is notified before any repairs are performed.
3. T. W. SMITH ENGINE CO., INC. shall have the option to furnish any parts or accessories required, and provided further that defective parts or accessories are promptly returned to T. W. SMITH ENGINE CO., INC. freight prepaid.
4. All repairs are performed on a standard charge basis and not on an overtime basis, that the cost of all charges must be agreed upon prior to any warranty work being accomplished. All labor charges paid on flat rate labor schedule furnished by manufacturer.
5. Provided this engine was installed by a Federal Aviation Administration certified mechanic or repair station.

6. That the owner has available and has read the aircraft flight manual for said engine and T. W. SMITH ENGINE CO., INC. reserves the right to deny any warranty claim if it reasonably determines that the engine or part thereof has been subjected to accident or used, adjusted, altered, handled, maintained or stored other than as directed in said owners manual.

This engine is further warranted on a prorated basis except that no labor allowance will exist after the period of 240 hours of operation or 180 days from the date of sale and said further prorated basis shall be subject to the provisions herein. The engine proration is based on the ratio of hours logged or at the rate of 40 hours per month, whichever is greatest, over the TBO of the engine. No other express warranty and no affirmation of the seller, its agent, employee, or representative, by words or actions shall constitute a warranty, unless specifically included within this written agreement.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESS OR IMPLIED OR STATUTORY, WHETHER ORAL OR WRITTEN, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTY ARISING FROM ANY COURSE OR PERFORMANCE OR DEALING OR TRADE USAGE. THIS WARRANTY IS ALSO IN LIEU OF ANY OTHER OBLIGATION, LIABILITY, RIGHT OR CLAIM, WHETHER IN CONTRACT OR IN TORT, INCLUDING ANY RIGHT IN STRICT LIABILITY IN TORT OR ANY RIGHT ARISING FROM NEGLIGENCE ON THE PART OF T. W. SMITH ENGINE CO., INC. AND T. W. SMITH ENGINE CO., INC.'S LIABILITY ON SUCH CLAIM SHALL IN NO CASE EXCEED THE PRICE ALLOCABLE TO THE ENGINE OR PART WHICH GIVES RISE TO THE CLAIM.

LIMITATION OF LIABILITY

IN NO EVENT, WHETHER AS A RESULT OF A BREACH OF WARRANTY, CONTRACT OR ALLEGED NEGLIGENCE, SHALL T. W. SMITH ENGINE CO., INC. BE LIABLE FOR SPECIAL OR CONSEQUENTIAL OR OTHER DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OR PROFITS OR REVENUES, LOSS OF USE OF THE ENGINE OR COST OF A REPLACEMENT, DAMAGES AND PERSONAL INJURIES OR ANY OTHER COST INCURRED SAVE AND EXCEPT THOSE EXPRESSLY IN WRITING AGREED TO BY T. W. SMITH ENGINE CO., INC.

This warranty setting forth T. W. Smith Engine Company's obligations shall not be varied in any way unless such variance is in writing and signed by a duly authorized officer of T. W. Smith Engine Co., Inc. or its duly authorized representative.



T. W. SMITH ENGINE CO., INC.

HANGAR #1 • LUNKEN AIRPORT • CINCINNATI, OHIO 45226

MAINTENANCE RELEASE

The aircraft and/or component identified above 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 agency.

CERTIFIED REPAIR STATION
No. CB1R054K

Work Order No. E2728 Date: 3-22-94

Model: 0-360-A3A Serial No. L-5454-36

Date Re-built 2-23-94

Total Accumulated Time 2010.6 HOURS

Signed: J. M. Yz

The above listed component has been overhauled and inspected, and test run as prescribed by manufacturer's specifications. All steel parts magnafluxed and non-ferric parts zygloed. No further run-in of the installation is required. List of manufacturer's bulletin and AD Notes complied with, recorded in back of logbook.

AD NOTES AND SERVICE BULLETINS COMPLIED WITH AT TIME OF ENGINE RE-BUILD

| | | |
|-------------------------|-------------------------|--------------------|
| <u>A.D.-81-18-04 R2</u> | <u>S.I.-1164A</u> | <u>S.I.-1341</u> |
| <u>S.B.-439</u> | <u>A.D.-91-14-22</u> | <u>S.B.-475A</u> |
| <u>S.I.-1228A</u> | <u>S.I.-1277</u> | <u>S.I.-1218A</u> |
| <u>S.I.-1290D</u> | <u>A.D.-87-10-06 R1</u> | <u>S.B.-477A</u> |
| <u>S.I.-1125B</u> | <u>S.I.-1059C</u> | <u>S.B.-400</u> |
| <u>S.B.-404</u> | <u>S.I.-1028A</u> | <u>S.I.-1035A</u> |
| <u>S.I.-1037J</u> | <u>S.I.-1059</u> | <u>S.I.-1136A</u> |
| <u>S.I.-1243</u> | <u>S.I.-1340</u> | <u>S.B.-240K</u> |
| <u>S.L.-84-001</u> | <u>S.L.-84-004</u> | <u>S.L.-84-005</u> |
| <u>S.L.-85-004</u> | <u>S.L.-91-001</u> | <u>S.B.-501B</u> |
| <u>A.D.-92-12-05</u> | | |

THIS ENGINE WAS OVERHAULED ACCORDING TO MANUFACTURER'S MANUAL AND MUST BE OPERATED IN STRICT ACCORDANCE WITH ORIGINAL ENGINE MANUFACTURER'S OPERATIONS MANUAL.

ENGINE TEST RUN PER MANUFACTURER'S SPECIFICATION FOR 2.25 HRS. ON 3-22-94 T.W. SMITH ENGINE CO., INC. *J m. Yr*

IN SOME INSTANCES P.M.A. PARTS ARE USED OTHER THAN THE ORIGINAL MANUFACTURER'S.

P.M.A. PARTS MEET F.A.A. SPECIFICATIONS.

ENGINE EQUIPPED WITH NU-CHROME CYLINDERS

THIS OVERHAULED ENGINE INSTALLED IN N 7367W ~~XXXXXXXXXXXX~~
~~XXXXXXXX~~ WITH:

| | |
|-----------------------|-----------------------|
| HARNES | MAGNETOS |
| STARTER | XXXXXXXXXX |
| XXXXXXXXXX | XXXXXXXXXX |
| XXXXXXXXXX | XXXXXXXXXX |
| XXXXXXXXXX | CARBURETOR |
| XXXXXXXXXX | XXXXXXXXXX |
| XXXXXXXXXX | XXXXXXXXXX |
| XXXXXXXXXX | XXXXXXXXXX |
| XXXXXXXXXX | XXXXXXXXXX |
| FUEL PUMP | XXXXXXXXXX |
| XXXXXXXXXX | XXXXXXXXXX |
| XXXXXXXXXX | MOUNT RUBBERS |
| XXXXXXXXXX | XXXXXXXXXX |
| <i>EGT Probe</i> | |

REPAIR WORK ORDER # S7589 TACH 2868.9
BY: *J m. Yr* DATE 3-22-94



LUNKEN AIRPORT, CINCINNATI, OHIO 45226

FAA Repair Station No. CB1RO54K

ENGINE DESCRIPTION

BR LYCOMING MODEL 0-360-A3A
R L-5454-36 DATE OF MANUFACTURE _____

| | | MANIFOLD PRESSURE |
|--------|--------|---------------------------------------------------------|
| 8-7-94 | 2894.4 | OIL + FILTER CHANGE AEROSHELL 15W50 CHAMPION CH48110 |

Date: Oct. 15, 1994 Tach: 2902 hrs. SMOH: 33 hrs.
Annual inspection: Inspected engine controls, exhaust system and associated hardware. Rebuilt muffler from Dawley aviation and new exhaust gaskets installed. Cleaned and gapped plugs. Old oil filter cut open and inspected, checked OK.
Compression check on cylinders as follows:
#178\80, #278\80, #378\80, #476\80
Engine run up and checked operationally. Propeller inspected and found OK. Engine AD's c/w at engine overhaul.
I certify that this engine has been inspected IAW an ANNUAL INSPECTION and found to be airworthy.

G. Ramaswamy
G. Ramaswamy A&P284747337IA

| DATE | TOTAL TIME | |
|------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5-20-95 | TACH TIME 2929.6 TT 2929.6 TT SMOH 60.7 | <p>COMPLIED W/ LYCOMING SB 518C (MANDATORY), BY INSTALLATION OF THERMOSTATIC BY PASS VALVE PN 75944 SN 136208, SUPPLIED BY T.W. SMITH ENG. CO. ALSO COMPLIED W/ LYCOMING SERVICE INSTRUCTION NO. 1423. OIL & FILTER CHANGED - AEROSHELL 15W50 CHAMPION CH 48110. ENGINE GROUND TESTED, AND AIRSR APPROVED FOR RETURN TO SERVICE</p> <p style="text-align: right;">Richard Blum 279548782 ATP</p> |
| 17 Oct '95 | Tach 2944.8 SMOH 75.9. | <p>Completed annual inspection Drain oil, check over, oil filter, fuel with 8,5 Aeroshell 15/50 oil and CH48110 filter. Check mag tip. Check oil quantity spark plugs. Drain fuel tank, check fuel over. Flight deck BA-3. Flight</p> |

alternator belt. Cooper's Check all 78/80. All
 ground over safety.

I certify that this Engine has been
 inspected in accordance with Annual
 inspection and was determined to be in
 airworthy condition. Date 17 Oct '95
 Tach. Reading 2944.8 Total Hours 75.9 SMOH
 Chesapeake Aviation Service, Inc.

Signed Lawrence J. South
 IA 216688993

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 31 Oct '96 | 2962.2 | SMOH 93.3 Completed annual maint. 25 gal oil chg'd filter. Serv with 8, 5 Avialite 15750 oil and CH98110 filter. Checked mag for 97th condenser in left mag. PIN 10-51676. Checked oil gages & oil plugs. Spun fuel tank, checked fuel cov. 97th air filter B-3 Caprom Check #1 $7\frac{5}{80}$ #2 $7\frac{1}{100}$ #3 $7\frac{5}{80}$ #4 $7\frac{5}{80}$ All good run out. |
| <p>I certify that this <u>Engine</u> has been inspected in accordance with <u>Avialite</u> inspection and was determined to be in airworthy condition. Date <u>31 Oct 1996</u> Tach. Reading <u>2962.2</u> Total Hours <u>93.3 SMOH</u> Chesapeake Aviation Service, Inc.</p> <p>Signed <u>[Signature]</u> IA216688993</p> | | |

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20 Oct 97 | 2979.3; 110.4 SMOH; | Oil + filter changed, screen checked 20 service with 7 qts 15W50 Avialite. Compression test: #1 $7\frac{5}{80}$, #2 $7\frac{5}{80}$, #3 $7\frac{5}{80}$, #4 $7\frac{5}{80}$. Plugs cleaned + checked. Magnos + timing checked. Replaced condenser in h. mag. PIN 10-51676. Fuel strainer + card cleaned, drained + checked for leaks. Oil hoses inspected. Exhaust system checked. Removed 1 washer from OP relief valve + re-sealed. Prop dressed, re-installed + torqued + sealed. Engine cleaned, serviced + inspected. Air filter replaced. Ground run + checked for leaks. Operational check satisfactory. |
| <p>I certify that this <u>Engine</u> has been inspected in accordance with <u>Avialite</u> inspection and was determined to be in airworthy condition. Date <u>21 Oct 97</u> Tach. Reading <u>2979.3</u> Total Hours <u>110</u> Chesapeake Aviation Service, Inc. <u>SMOH</u></p> <p>Signed <u>[Signature]</u> IA1600126</p> | | |

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED |
|----------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10/22/98 | TACH 2997.22 SMOH 102.82 | TT 2997.22 DRAINED OIL. CHANGED FILTER. TOPPED W/ SHELL 15W50 AD OIL (8 QT'S). INSTALLED CH48110 FILTER. INSTALLED BA-104 BRACKET AIR FILTER. CLEANED ALL PLUGS. COMPRESSION CHECK ALL CYLS GREATER THAN 78/80. TACH TIME 2997.22 TIS 2997.22 SMOH 102.82 CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE 10/22/98 Terry I. A & P 305547795 |
| 11/19/99 | TACH 3014.4 SMOH 120.0 | TIS 3014.4 DRAINED OIL, CHANGED FILTER. INSTALLED CH48110 FILTER. TOPPED WITH 7 QT'S SHELL 15W50 AD OIL. INSTALLED NEW BA3 FILTER ELEMENT. CLEANED ALL PLUGS. |

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO. |
|---------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | PERFORMED COMPRESSION CHECK - ALL CYLS 74 OR ABOVE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Terry I. A & P 305547795 |
| 8/10/00 | Tach 3024.4 SMOH 155.5 | Completed annual engine check oil, check fuel, check Chubb mag. Check oil gages, check plugs renew: Spark with Avco 15/60 oil CH48110 Repl with RA-3 spark plug boots, check fuel renew: Repl aluminum belt Comp Chub #1 74/60 #2 74/60 #3 74/60 #4 74/60 N/C gear run out |

I certify that this Esire has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Date 8 Nov '00
 Tach. Reading 30244 Total Hours 155.5 SA01A
 Chesapeake Aviation Service, Inc.

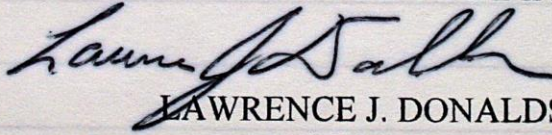
Signed [Signature]
 IA 216688993

| 2002 INSPECTION & MAINTENANCE RECORD | | |
|--------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO. |
| 01-01-02 | | |
| TACK | 3039.68 | Completed Annual Inspection per AD 70-16-05 By Visual Insp. of Muller. |
| SMO 17: | 170.71 | AD 95-26-13 Oil, Nozzle Run 11/05 or 4044 hrs; Prand and chud screen Replaid Filter. CH48100 Chud + gapped spark Plugs. chud My timing Performed compression chud #1 74 #2 74 #7 76 #7 76, Servo Exam 18 #15-150 Acovskull, Chud all Fuel screen ch AD 99-05-09 By Visual Insp of AD Filter Exam serv Rem Safety |
| | | I certify that this <u>Esire</u> was been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>01-01-02</u> Tach. Reading <u>3039.68</u> Total Hours <u>170.71</u> SMO Chesapeake Aviation Service, Inc. IA 214621824 Signed <u>[Signature]</u> |

JANUARY 19, 2004 N7367W PA-28-180 S/N 28-1249 TTAF 3045.3
SMOH 176.4

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN,
CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110
FILTER. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS.

DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED ALL
EXHAUST STACKS WITH NEW, SEE YELLOW TAGS. COMPRESSION CHECK
#1 76/80 #2 76/80 #3 76/80 #4 74/80. A/C GROUND RUN SATIFACTORY. I
CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



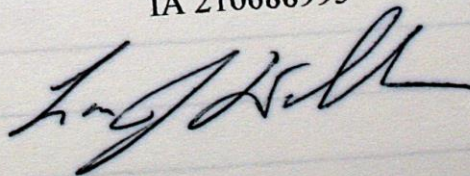
LAWRENCE J. DONALDSON

IA 216688993

JANUARY 11, 2005 N7367W PA-28-180 S/N 28-1249 TTAF 3051.5
SMOH 182.6

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN,
CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110
FILTER. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS.
DRAINED FUEL BOWL, CLEANED FUEL SCREENS. REPLACED VACUUM
PUMP P/N 215CC S/N A14536. COMPRESSION CHECK #1 76/80 #2 76/80 #3
78/80 #4 76/80. A/C GROUND RUN SATIFACTORY. I CERTIFY THAT THIS
ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

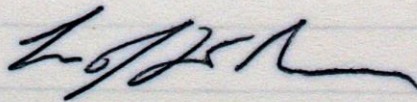
LAWRENCE J. DONALDSON
IA 216688993



MAY 3, 2006 N7367W PA-28-180 S/N 28-1249 TTAF 3053.5
SMOH 184.6

COMPLETED ANNUAL INSPECTION. C/W AD 98-02-08 BY VISUAL INSP OF CRANKSHAFT, DUE 5/11. DRAINED OIL, CLEANED SCREEN, CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110 FILTER. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS COMPRESSION CHECK #1 76/80 #2 76/80 #3 76/80 #4 76/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

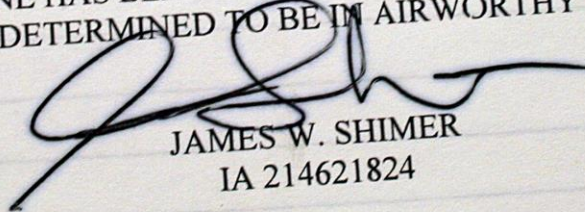
LAWRENCE J. DONALDSON
IA 216688993



June 8, 2007
MAY 3, 2006 N7367W PA-28-180 S/N 28-1249 TTAF 3056.5
SMOH 187.6


COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN, CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110 FILTER. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS COMPRESSION CHECK #1 74/80 #2 76/80 #3 76/80 #4 76/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

JAMES W. SHIMER
IA 214621824



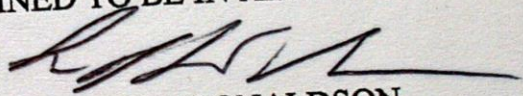
SEPTEMBER 8, 2008 N7367W PA-28-180 S/N 28-1249 TTAF 3063.4
SMOH 194.5

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN,
CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110
FILTER. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS.
DRAINED FUEL BOWL, CLEANED FUEL SCREENS COMPRESSION CHECK #1
74/80 #2 76/80 #3 76/80 #4 76/80. A/C GROUND RUN SATISFACTORY. I CERTIFY
THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

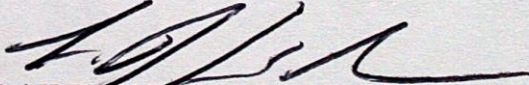
OCTOBER 1, 2010 N7367W PA-28-180 S/N 28-1249 TTAF 3070.1
SMOH 201.2

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN,
CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110
FILTER. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS.
DRAINED FUEL BOWL, CLEANED FUEL SCREENS COMPRESSION CHECK #1
76/80 #2 76/80 #3 76/80 #4 76/80. A/C GROUND RUN SATISFACTORY. I CERTIFY
THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

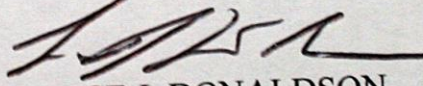
APRIL 11, 2012 N7367W PA-28-180 S/N 28-1249 TTAF 3071.1
SMOH 202.2

COMPLETED ANNUAL INSPECTION. C/W AD 98-02-08 BY VISUAL INSP OF CRANKSHAFT FOR PITTING ,FOUND OK NEXT INSP DUE 4/17. DRAINED OIL, CLEANED SCREEN, CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110 FILTER. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS COMPRESSION CHECK #1 74/80 #2 76/80 #3 76/80 #4 76/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

JUNE 11, 2013 N7367W PA-28-180 S/N 28-1249 TTAF 3073.1
SMOH 204.2

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN, CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110 FILTER. CHECKED MAG TIMING. CLEANED AND GAPPED SPARKPLUGS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS COMPRESSION CHECK #1 76/80 #2 76/80 #3 74/80 #4 76/80. REPLACED PROP BOLTS WITH NEW 76EM8 KIT. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

JUNE 30, 2014 N7367W PA-28-180 S/N 28-1249 TTAF 3076.3
SMOH 207.4

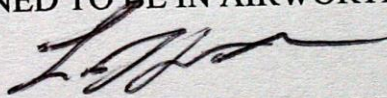
COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN,
CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110
FILTER. CHECKED MAG TIMING. CLEANED SPARKPLUGS. DRAINED FUEL
BOWL, CLEANED FUEL SCREENS. COMPRESSION CHECK #1 74/80 #2 76/80
#3 74/80 #4 74/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS
ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.



LAWRENCE J. DONALDSON
IA 216688993

AUGUST 26, 2015 N7367W PA-28-180 S/N 28-1249 TTAF 3078.0
SMOH 209.1

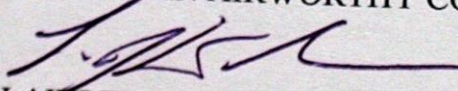
COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN,
CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110
FILTER. CHECKED MAG TIMING. CLEANED SPARKPLUGS. DRAINED FUEL
BOWL, CLEANED FUEL SCREENS. COMPRESSION CHECK #1 78/80 #2 76/80
#3 78/80 #4 76/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS
ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.



LAWRENCE J. DONALDSON
IA 216688993

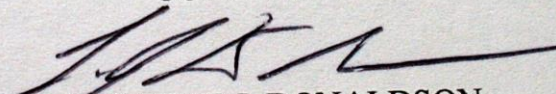
APRIL 3, 2017 N7367W PA-28-180 S/N 28-1249 TTAF 3080.0
SMOH 211.1

COMPLETED ANNUAL INSPECTION. C/W AD 98-02-08 BY VISUAL INSP OF CRANKSHAFT BORE, FOUND OK INSP DUE 4/ 2022. DRAINED OIL, CLEANED SCREEN, CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110 FILTER. CHECKED MAG TIMING. CLEANED SPARKPLUGS. REPLACED SPARKPLUG GASKETS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. COMPRESSION CHECK #1 74/80 #2 76/80 #3 76/80 #4 74/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

MAY 8, 2018 N7367W PA-28-180 S/N 28-1249 TTAF 3080.3
SMOH 211.4

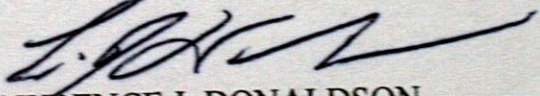
COMPLETED ANNUAL INSPECTION. AD 2017-16-11 ROD BUSHING DNA BY DATE OF OVERHAUL. DRAINED OIL, CLEANED SCREEN, CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110 FILTER. CHECKED MAG TIMING. CLEANED SPARKPLUGS. REPLACED SPARKPLUG GASKETS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. COMPRESSION CHECK #1 74/80 #2 74/80 #3 74/80 #4 74/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO |
|----------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4-8-2019 | Tach 3081.50 | 4-8-2019 Tach 3081.50 |
| | | <p>Changed oil + filter, refilled w/8qts Aeroshell 15w/50, Champion filter CH48110-1, checked compression #1 74/80 #2 76/80 #3 78/80 #4 76/80 ground run + leak check o.k. — End — Phoebe Boly ARP3205314</p> |

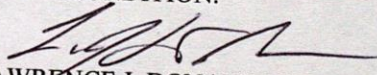
AUGUST 19, 2019 N7367W PA-28-180 S/N 28-1249 TTAF 3084.3
SMOH 215.4

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN, CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110 FILTER. CHECKED MAG TIMING. CLEANED SPARKPLUGS. REPLACED SPARKPLUG GASKETS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. COMPRESSION CHECK #1 74/80 #2 72/80 #3 74/80 #4 72/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

SEPTEMBER 4, 2020 N7367W PA-28-180 S/N 28-1249 TTAF 3087.0
SMOH 218.1

COMPLETED ANNUAL INSPECTION. DRAINED OIL, CLEANED SCREEN, CHANGED FILTER. SERVICED WITH AEROSHELL 15/50 OIL AND CH48110 FILTER. CHECKED MAG TIMING. CLEANED SPARKPLUGS. REPLACED SPARKPLUG GASKETS. DRAINED FUEL BOWL, CLEANED FUEL SCREENS. COMPRESSION CHECK #1 72/80 #2 72/80 #3 78/80 #4 76/80. A/C GROUND RUN SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


LAWRENCE J. DONALDSON
IA 216688993

Date: 08/23/2021

Hours: TACH 3095.3

Tail: N7367W

Make: PIPER

Model: PA28-180

S/N: 28-1249

Name: Tracey Potter

Cert: 3645080/A&P

Co: Midwest Aircraft Services

Signed: 

REMOVED MAGS AND INSTALLED OVERHAULED RIGHT HAND MAG AND A SERVICEABLE LEFT HAND MAG WITH 130 HRS ON A 500 HR INSPECTION. CHECKED MAG TIMING GROUND RAN AND PERFORMED OPERATIONAL CHECK.

2021
10-11

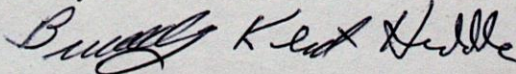
ANNUAL INSPECTION ENGINE

Date: 10-11-2021 N7367W PA28-180

Tach: 3095.84 SMOH: 218.64 S/N L-5454-36

C/W an annual inspection on this engine IAW FAR 43 App D and Piper PA28-180 inspection forms as a guide. Washed engine, changed oil and filter. Serviced oil with 9 qt XC 20-50 Phillips, Installed CH48110-1 filter. Serviced all spark plugs and pulled a Compression check. 1 77/80 2 76/80 3 77/80 4 76/80. Installed all new engine baffling P/N T-8071-3, installed all New engine fuel hose kit P/N PHT. Installed new muffler clamp hardware. Ground ran this engine all systems checked satisfactory, no fluid leaks noticed at this time. Inspected this engine IAW an Annual inspection and found in airworthy condition at this time. I return this engine back to service.

Bradly Kent Huddle A & P 3130038 IA



2021

10-11

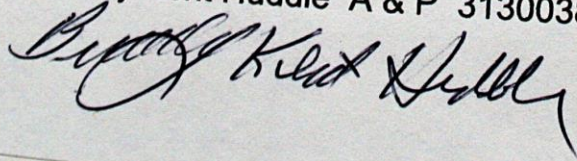
ANNUAL INSPECTION PROPELLER

Date: 10-11-2021 Tach: 3095.84

PSNEW: 2732.11

C/W an annual inspection on this propeller IAW PA28-180 and FAR 43 App D inspection forms as a guide. Washed propeller, removed defective rear and front bulkhead plate due to cracks. Installed new rear bulkhead plate P/N 62352-000. Installed new front spinner bulkhead plate P/N 66630-000 IAW PA28-180 maintenance manual. Inspected propeller, spinner, and bulkheads. Ground ran this propeller all systems checked satisfactory, no fluid leaks noticed at this time. Inspected this propeller IAW an annual inspection and found in airworthy condition at this time. I return this propeller back to service.

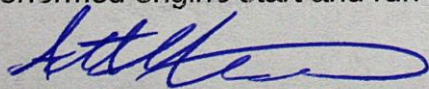
Bradly Kent Huddle A & P 3130038 IA



Engine Logbook Entry: 11/12/2021

Lycoming O-360-A3A SN: L-5454-36 Installed on N7367W Aircraft Tach: 3102.62

Pilot reports aircraft engine stalled and unable to restart and that the vacuum system is inop. Attempted start after charging battery, engine cranks but will not fire off. Removed spark plug leads and spark plugs. Tested plugs and checked for proper firing order. Checked magneto to engine timing and found both magnetos advanced at 33° BTDC. Adjusted timing back to 25° BTDC. Repaired RH magneto P-lead wire. Inspected induction system for any obstruction or defects, none found. Reinstalled spark plugs and leads. During start up procedures noticed electric fuel pump will not indicate and pressure on instrument panel gage. Removed strainer bowl and clean out debris. Removed carburetor screen and cleaned and reinstalled. Found all 4 fuel hoses at electric pump "t" fittings incorrectly positioned per Piper diagram. Disconnected all 4 fuel hoses from electric pump "t" fittings and reconnected per Piper diagram. Engaged electric pump, fuel strainer filled and system pressurized properly. Removed and replaced vacuum pump with P/N: 215CC S/N: 196869. Performed engine start and run with no defects or leaks noted.



Scott Minor AP3353509

Engine Logbook Entry: 06/08/2022

Installed on N7367W Lycoming O-360-A3A SN: L-5454-36
Tach: 2788.8 TSMOH: 0234.75

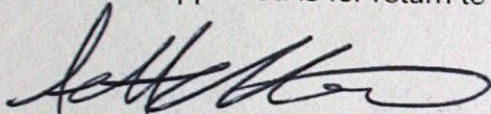
Compression: 1. 71/80 2. 73/80 3. 73/80 4. 71/80. Oil and filter not changed at customer request due to low time since last accomplished. Check magneto to engine timing with no adjustment required. Removed all spark plugs, cleaned, gapped, rotated reinstalled and torqued all spark plugs.

AD 98-02-08 Performed inspection and found pitting in crankshaft bore. Performed FPI inspection as required with no evidence of cracks at this time. Installed new expansion plug P/N: STD-1211. **FPI inspection now due every 100 hours** until crankshaft is replaced due to pitting found in crankshaft bore.

Ran engine for Op's and Leak check with no leaks found. Adjusted mixture and idle setting as needed.

All work accomplished I/A/W Piper Service Manual, Lycoming Manuals and current Advisory Circulars and AD's. All AD's current as of this date.

I certify that this engine has been inspected in accordance with a 100 hour/Annual inspection per 14 CFR 43 appx D, and found to be in airworthy condition as of this date and is approved is for return to service.



Scott Minor AP3353509

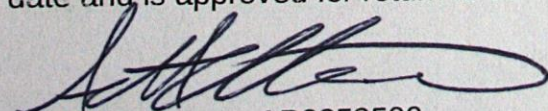
Propeller Logbook Entry: 06/08/2022

Installed on: N7367W Make/Model: Sensenich 76EM8-0-60 SN: 12687K
Tach: 2788 8 TSN: 2739.77

Removed spinner. Removed propeller to facilitate other maintenance. Reinstalled propeller and torqued and safetied bolts. Inspected propeller for condition and installation. Dressed minor nicks on leading edge. Reinstalled spinner

All AD's current as of this date and all work performed I/A/W AC43.13-1b and Sensenich Manual.

I certify this propeller has been inspected in accordance with a 100 hour/Annual inspection per 14 CFR 43 appx D and is found to be in airworthy condition as of this date and is approved for return to service.

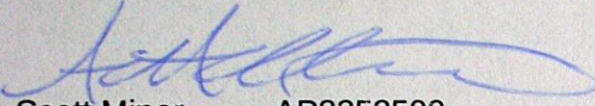


Scott Minor AP3353509

Engine Logbook Entry: 03/14/2023

Installed on N7367W Lycoming O-360-A3A SN: L-5454-36
Aircraft Tach: 2798.79

Removed starter S/N: 810 and installed new Skytec 149NL S/N: H-X022702 per Skytec/Hartzell installation instructions. Aircraft weight and balanced revised.



Scott Minor AP3353509

Engine Logbook Entry: 06/08/2022

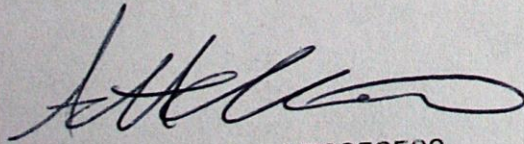
Installed on N7367W Lycoming O-360-A3A SN: L-5454-36 Tach: 2884.9

Drained engine oil and removed oil filter. Cut open filter for inspection, no relevant finding in filter media. Service engine with 7 qts of Phillips XC 20W50 and installed new filter P/N: AA48110-2 and safetied filter.

Starter INOP, Troubleshooting finds full voltage and adequate cranking amperage reaching and available at starter. Removed propeller and displaced oil cooler.

Removed starter P/N: 149NL and replaced with new P/N: 149NL S/N: H-X041857. Repositioned oil cooler and reinstalled propeller and safetied attaching bolts after torquing.

Performed engine run up for ops and leak check with no defects noted.
All work performed I/A/W Piper PA28 Service Manual

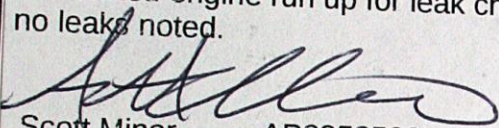


Scott Minor AP3353509

Engine Logbook Entry: 08/30/2023

Installed on N7367W Lycoming O-360-A3A SN: L-5454-36 Tach: 2966.16

Drained engine oil and removed oil filter. Cut open filter for inspection, no relevant finding in filter media. Service engine with 7 qts of Phillips XC 20W50 and installed new filter P/N: AA48110-2 and safetied filter. Pilot reports high mag drop. Checked Mag-to-Engine timing and found to be within limits. Removed upper and lower spark plugs. Adjusted all spark plug gaps and cleaned spark plugs. Tested all spark plugs and checked internal resistance. Found one spark plug with internal resistance with excessively high readings. Replaced one spark plug with new UREM38E. Reinstalled all spark plugs with new gaskets. Performed engine run up for leak check and mag drop check; all indications normal no leaks noted.


Scott Minor

AP3353509

Engine Logbook Entry: 10/26/2023

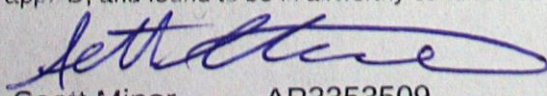
Installed on N7367W Lycoming O-360-A3A SN: L-5454-36
Aircraft Tach: 2996.03 TSMOH: 0441.98

Compression: 1. 78/80 2. 76/80 3. 74/80 4. 74/80. Drained engine oil and removed oil filter. Cut open filter for inspection, no relevant finding in filter at this time. Sent out oil sample, result of sample given to owner. Installed and safetied new filter AA48110-2 and serviced engine with 6 qts of Phillips XC20W50. Removed oil sump screen for inspection with no relevant debris noted at this time. Reinstalled sump screen with new gasket P/N: 06E19769-1.00. Oil pressure relief valve gasket leaking. Removed oil pressure relief valve housing and replaced gasket with new 06E19769-1.25 and torqued and safetied housing. Check magneto to engine timing, adjusted left mag back to Lycoming specification of 25BTDC. Removed all spark plugs, cleaned, gapped and tested spark plugs. 3 spark plugs failed functional test under air pressure charge. Replaced all 8 spark plugs at owners request with new UREM38E. #2 and #4 valve covers gaskets leaking. Removed valve covers and found gaskets damaged & replaced gaskets with new RG75906 and reinstalled valve covers torquing to 35lbs/in. #2 and #4 exhaust gaskets leaking. Removed exhaust system and replaced all gaskets with new P/N: 77611. Muffler tail pipe badly eroded. Removed and replaced with serviceable P/N: 63666-002 and clamp P/N: 523-159

C/W **98-02-08** by Performing FPI inspection as required with no evidence of cracks at this time. Pitting previously noted has not worsened. Installed new expansion plug P/N: STD-1211. **AD98-02-08 next due** at 3096.03 tach hours/0541.98 hours TSMOH and shall continue every 100 hours until crankshaft is replaced.

Ran engine for Op's and Leak check with no leaks found. Adjusted mixture and idle setting as needed. All work accomplished I/A/W Piper Service Manual, Lycoming Manuals and current Advisory Circulars and AD's. All AD's current as of this date.

I certify that this engine has been inspected in accordance with a 100 hour/Annual inspection per 14 CFR 43 app D, and found to be in airworthy condition as of this date and is approved for return to service.


Scott Minor

AP3353509

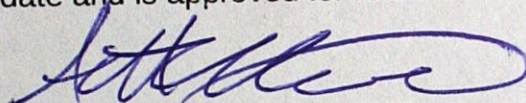
Propeller Logbook Entry: 10/0262023

Installed on: N7367W Make/Model: Sensenich 76EM8-0-60 SN: 12687K
Aircraft Tach: 2996.03 TSN: 2947.00

Removed spinner. Removed propeller to facilitate other maintenance. Reinstalled propeller using new spinner bulkhead P/N: 63718-00 and torqued and safetied bolts. Inspected propeller for condition and installation. Dressed minor nicks on leading edge. Reinstalled spinner

All AD's current as of this date and all work performed I/AW AC43.13-1b and Sensenich Manual.

I certify this propeller has been inspected in accordance with a 100 hour/Annual Inspection per 14 CFR 43 appx D and is found to be in airworthy condition as of this date and is approved for return to service.



Scott Minor AP3353509

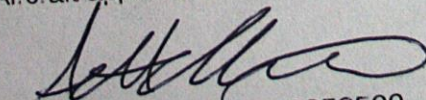
Engine Logbook Entry: 11/6/2023

Installed on N7367W Lycoming O-360-A3A SN: L-5454-36
Aircraft Tach: 3027.75

Pilot reports rough running engine. Performed ground run up and found RH mag drops by 500 RPM. Removed all spark plugs and cleaned and tested, all test good. Reinstalled spark plugs and checked mag timing. Found RH mag timing has drifted by almost 30 degrees. Removed right mag vent/window plug and found indexing gear tooth no longer aligns in window when engine is at #1 cylinder firing position.

Removed magneto and opened for inspection. Found fine plastic debris throughout magneto (distributor gear teeth wearing) and engine oil coating condenser and coil.

Installed overhauled magneto P/N: 10-51360-29 S/N: H-X080458 and timed magneto to engine. Performed engine run up for Op's/Functional check, no defcets noted. All work performed I/AW Piper Service Manual and TCM X42002-3 Service Manual
Aircraft approved for return to sevice.



Scott Minor AP3353509

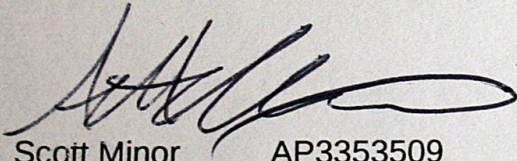
Engine Logbook Entry: 11/16/2023

Installed on N7367W Lycoming O-360-A3A SN: L-5454-36 Tach: 3033.1

Drained engine oil and removed oil filter. Cut open filter for inspection, no relevant finding in filter media. Service engine with 7 qts of Phillips XC 20W50 and installed new filter P/N: AA48110-2 and safetied filter.

Performed engine run up for ops and leak check with no defects noted.

All work performed I/A/W Piper PA28 Service Manual



Scott Minor

AP3353509