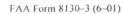
| L. Approving Na Authority/ FAA/UN | | AUTHORIZI FAA Form 8 | ED RELEA 8130–3, airworthi | SE C | ERTIF ROYAL TAG | ICATE | 3. Fo | orm Tracking Number: 4/29/2004 8:56:28 AM |
|---|--|--|--|-------------------------------|--------------------------------------|---|----------|--|
| | Marys | ion Airmotive LLC 40 th Avenue N.E. ville, Washington 98271 | | FAA/Pì | MA# PQ01 | 11NM | 5. W | JO#16528-0000 |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: | |). Quantity: | 11. Serial/Batch Nun | nber: | 12. Status/Work: |
| 1 | Carburetor, MA | -4 10-5217 | LYC O-320,3 | 60 ' | 1 EACH | CK61108 | | NEWLY OVERHAULED |
| ☐ Approve | ems identified above were m d design data and are in a co | anulactured in conformity to: | OOMESTIC SHI | 2 14 CFF Certifies th | R 43.9 Return to | wise specified in Block 13 | 3, the w | rulation specified in Block 13 Fork identified in Block 12 and described , Code of Federal Regulations, part 43 and to service. |
| 5. Authorized Sign | nature: | 16. Approval/Au | uthorization No.: 20. | Authorized | 1/2 | editte | 21. | Approval/Certificate No.: P32R748N |
| 7. Name (Typed 6) | Printed): | 18. Date (m/d/y) | 22. | Name (Type | ed or Printed): | | 23. | Date (m/d/y): |
| | | | | 1 | David Mid | dleton | | April 29, 2004 |
| | | | User/Installer Res | ponsibiliti | es | | | |
| nere the user/instal user/installer ensu | ler performs work in accord ares that his/her airworthing | ess authority accepts parts/component | an airworthiness autho ts/assemblies from the a | rity differen irworthiness | t than the airw s authority of th | orthiness authority of the country specified in B | lock 1. | try specified in Block I, it is essential that |



the user/installer before the aircraft may be flown.

^{*}Installer must cross-check eligibility with applicable technical data.

| NSN: 0052-00-012-9005 | ıl data. | icable technica | *Installer must cross-check eligibility with applicable technical data. | cross-che | *Installer must | | EAA Earm 8130-3 (6-01) | EAA Ear |
|--|---|---|---|--|---|--|---|--------------------|
| Statements in Block 14 and 19 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. | in an installation certific: | cords must conta | ses, aircraft maintenance re | ı. İn all cas flown. | Statements in Block 14 and 19 do not constitute installation certification. In a the National regulations by the user/installer before the aircraft may be flown | d 19 do not constitu y the user/installer | nts in Block 14 and onal regulations by | Statemer |
| nt that the authority of the country specified in the airworthiness authority of the country specified in Block 1. | nt that the authority of the country specified in the airworthiness authority of the country spec | ority different the mblies from the | Where the user/installer performs work in accordance with the national regulations of an airworthiness authority differer Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from | regulation | cordance with the national nsures that his/her airwort | erforms work in ac the user/installer e | he user/installer pe it is essential that: | Where the Block 1, |
| ly. | .II the part/component/assembly. | ority to install the | It is important to understand that the existence of this document alone does not automatically constitute authority to insta | loes not au | ce of this document alone c | nd that the existen | ortant to understai | It is impo |
| | | ies | User/Installer Responsibilities | ser/Inst | U | | | |
| 04/07/04 | | ALBERT FRAZIER | ALBI | | | | | / |
| 23. Date: | | Printed): | 22. Name (Typed of Printed): | | 18. Date: | | 17. Name (Dyped or Printed): | 17. Name |
| PQ2242NM | My | OK H | | | | | | |
| 21. Approval/Certificate No: | • | ure: n | o.: 20. Authorized Signature: | orization N | 16. Approval /Authorization No.: | | 15. Authorized Signature: | 15. Author |
| Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 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. | Certifies that unless otherwise specified in block 13, the work identified in Block 1 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved return to service. | otherwise speciock 13 was accos, part 43 and in | Certifies that unless and described in Blufeleral Regulations return to service. | on. | Approved design data and are in condition for safe operation. Non-approved design data specified in Block 13, | Approved design data and are in condition for s Non-approved design data specified in Block 13, | pproved design on-approved des | |
| Other regulation specified in Block 13 | | 14 CFR 43.9 Return to Service | 19. 🛭 14 CFR 43 | | 14. Certifies the Item Identified above were manufactured in conformity to: | d above were man | s the item identifie | 14, Certifie |
| \ | S SPECIFICATIONS (J) IED WITH TO DATE. | NOLOGIES SI CFR 43.3 (J) S COMPLIED 83 ORAGE. | ABOVE ITEM REBUILT AND TESTED PER LAMAR TECHNOLOGIES AND PER THE REQUIREMENTS OF 14 CFR 43.3 ALL APPLICABLE SERVICE BULLETINS AND A.D. NOTES COMPLE COMPLETE DETAILS HELD ON FILE W/O # _4783 PRESERVED FOR SHORT TERM STORAGE. | TESTED HE REQ 3ULLETI _S HELL | EM REBUILT AND TESTED PER LAMAR TEC AND PER THE REQUIREMENTS OF ICABLE SERVICE BULLETINS AND A.D. NO COMPLETE DETAILS HELD ON FILE W/O # PRESERVED FOR SHORT TERM | ABOVE IT | 6 , | 13. Remarks* |
| "REBUILT" | 80083613 | 1 ea. | LYCOMING-320,360,540 SERIES | LYCC | PM1201 | 12V STARTER | 12V ST | _ |
| r: 12. Status/Work: | 11. Serial/Batch Number: | 10. Quantity: | Eligibility:* | 9. | 8. Part Number: | | 7. Description: | 6. Item: |
| | , | S | FAA/PMA PQ2242NM | 98271 | HINGTON | MARYSV | | |
| 5. Work Order,/Contract/Invoice Number: WIO #:4783 | 5. Work Or Number: | | ¥. | | LAMAR TECHNOLOGIES LLC 14900 40 TH Ave. N.E. | \ — | Organization Name and Address: | 4. Organi |
| | | AL TAG | FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | AIRWO | FAA Form 8130-3, | | FAA/UNITED STATES | FAA/UN |
| 040704/1204 | CATE 04 | TIFIC | AUTHORIZED RELEASE CERTIFI | REL | IORIZED | No. | Authority/Country | Autho |
| Form Tracking Number: | 3. Form Tr | | | | | 2. | I. Approving National Aviation | I. Approvin |

FAA Form 8130-3 (6-01)

*Installer must cross-check eligibility with applicable technical data.

WARNING

- When installing drive gear of driver onto magneto, torque nut provided to 120 to 320 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin. 43

FAA-PMA Approved

This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in Unison Industries' L-1318 Document in the F-1100 Master Service Manual. For LASAR® Magnetos, see L-1500 Manual.

| - | | * · · · · · · · · · · · · · · · · · · · | 1 | 1 | | |
|-----------------------------|-----------------|---|-----------|------------|------------------------|-----------------------|
| Enter magneto model, | serial number | tch bng | antineta | llation on | vd attach thic tag | to angine logbook |
| - mar magnitude in locating | SOLICI LIGHTING | , cu iu uai | E OLITISE | | ru allayı i il ilə lay | m at idit ia rodocour |

Magneto Model No.

+370

Magneto Serial No.

03120203

Date of Installation

L-1543

WARNING

- When installing drive gear or driver onto magneto, torque nut provided to 120 to 320 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin.

FAA-PMA Approved

This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is already. This magneto is FAA-PMA approved for applications listed in Unison Industries' L-1318 Document in the F-1100 Master Service Manual. For LASAR Magnetos, see L-1500 Manual.

Enter magneto model, serial number, and date of installation, and attach this tag to engine logbook.

Magneto Model No.

7311

Magneto Serial No.

03101460

Date of Installation

L-1543

Unison Industries warrants all products manufactured by it to be at the time of delivery trae high defending majorial and workmanship. This warranty is only applicable if the product is operated, handled, maintained or repaired in a construction of the product
THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WRITTEN, STATUTORY, ORAL OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE OR ANY IMPLIED WARRANTY ARISING FROM COURSE OF DEALING, COURSE OF PERFORMANCE, OR USAGE OF TRADE). Unloan dose not authorize any person to assume for it any other liability in connection with the sale of its products. This warranty shall not apply to any product or part that exhibits normal wear or any product or part which has been subjected to misuse, neglect or accident; nor dose it apply to any product repaired or modified by any party other than Unison; nor dose it apply to any product subjected to corrosives or other materials applied to the exterior or introduced to the interior of the product or part; nor dose it apply to any product which malfunctions as a consequence of the condition of the engine or engine parts or engine accessories; nor dose it apply to any product and maintained in accordance with the latest revision level of Unison service literature, so as, in our sole judgment, to affect its stability or reliability. In addition, Unison shall not be liable for consequential or other types of damages resulting from the use of Unison products.

Table 1: Warranty Period

| Product | 6 (K) 5 | | . Warranty Period | |
|--------------------------|--|---------------|---|--|
| New Magnetos (S/N 71 | 00001 and later) | | | |
| Ignition Harnesses | | | 12 Months from date of installation | |
| SlickSTART™ | f 2: | 1111 | or 36 months from date of manufacture, whichever occurs first. | |
| Parts | a wasting | p. 34-27-12.0 | 深い Babble entropy in | |
| Autolite® Aviation Spari | The second secon | ~~ · · · · · | 12 Months from date of shipment to the first end user, or 24 months from date of manufacture, whichever occurs first. | |

Request for warranty consideration must be made on Unison Warranty Form L-1042 (latest revision) within 30 days of the date the lightion component or assembly became inoperative. Products and the completed Form L-1042 (latest revision) must be returned to Unison through a Unison distributor with transportation charges prepaid.

Unison's liability, to any purchaser arising out of, connected with, or resulting from the manufacture, sale, delivery, possession, use or handling of any product, whether in design, contract, tork (including negligence), warranty, strict liability of the purchaser is claim. The foregoing shall constitute the sole remedy of purchaser and the sol liability of Unison, in no event shall Unison be liable for loss of use, loss of revenue, downline, lost profits, or for any special, incidental, exemplary or consequential damages.

61169

THIS PART

MUST

BE CLEANED

BEFORE ENGINE

ASSEMBLY

SERVICEABLE

| MFG. NAME: Lycomins |
|---|
| PART NAME: Crankcase |
| MODEL: |
| SERIAL #:2/0/ |
| THE PART IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED ACCORDING TO CURRENT F.A.R.'S AND IS APPROVED FOR RETURN TO SERVICE. REPAIR DETAILS ARE ON FILE AT THIS REPAIR STATION. CSI #: |
| DATE: 4-29-04 |
| SIGNED: Li Meily |
| CRANKCASE SERVICES, INC. |

CRANKCASE SERVICES, INC. 14700 W. SHELLCREEK ROAD SAND SPRINGS, OK 74063 918-245-6767 1-866-276-6767

FAA Repair Station #H1HR0960

#011 REV 09/03

AS FORM 007 REV 0 1/03

STATION NO. DD2R764K FAA CERTIFIED REPAIR 918-836-6872

SIGNEL 4-04

WORK ORDER NO.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

INSPECTED IN CONFORMANCE WITH APPROVED FOR RETURN TO SERVICE. FEDERAL AVIATION REGULATIONS, AND IS ON THIS TAG WAS PERFORMED AND CERTIFY THAT THE REPAIR IDENTIFIED

| SEBINI NO 5997 | MODEL 76/2/ | COMPONENT Talk Shalf | MFGR. NAME LYCONING |
|----------------|-------------|----------------------|---------------------|
| | | ' | h |

SERVICEABLE

| В | 1 | A | d | 3 | Я | \exists | 0 | D | В | O | C | 3 | Я |
|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

| | 8 | , |
|---|---|------------------------------|
| x | * | TO MC SPEC. DRAWING NO. 1035 |
| | | PER CO-C-320B, FINISH GRIND |
| | | PRECRIND, CHROME PLATE |

31147 AMO .N 0982 **DEALT SPEC**



Engine 108

F.A.A. Certified Repair Station MW2R020L

1701 E.Main Street Griffith, IN 46319 phone: 219.924.7110 toll free: 800.348.6504

fax: 219.924.1059

"Quality not Quantity"

G&N Aircraft, Inc. Engine Log Book

| • | Manufacturer |
|--|---------------------|
| <u>. </u> | Model |
| • | Serial Number |
| • | Engine Total Time |
| • | Recommended TBO |
| • | Minimum Octane Fuel |

Important Notice to Installer

Even though this engine has been test run and set using our dynamometer it must be set in the correct manner and within the limitations as specified in the engine and airframe manufacturers service manuals when installed in the aircraft.

G & N AIRCRAFT, INC. / Limited Piston Engine Warranty

Effective 1/1/2000, G & N Aircraft, Inc., (hereinafter "G & N") makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE - For a period of six (6) months after date of delivery to customer, or 240 hours of operation, whichever occurs first, G & N Aircraft, Inc. shall repair or replace, at it soption, any aircraft engine, accessory, or part which is found to be defective, to G & N Aircraft, Inc.'s satisfaction, within said warranty period.

For engine warranty after six (6) months from the date of delivery to customer and prior to the expiration of the manufacturers recommended time between overhaul ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at G & N Aircraft's option, shall be prorated in the following manner. The customer shall pay a prorated amount based upon the engine's TBO and the engine hours (which shall be deemed the greater of logbook hours, recorded tachometer hours, or a minimum of forty (40) hour per month from date of delivery). For instance, an engine with a TBO of 2000 hours and with 100 hours of usage in a 12 month period would have a prorated warranty coverage of 76% applied to cost of a replacement engine or to the cost of parts and labor for repair of this subject engine, either of which shall be at the option of G & N Aircraft, Inc. Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by G & N Aircraft, Inc.

After the initial six (6) months from date of delivery or 240 hours of operation, G & N Aircraft, Inc. will not assume any responsibility for the repair or replacement of engine accessories, including but not limited to the following: magnetos, starter, alternator, ignition harness, turbocharger, carburetor, fuel injection, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis prepaid by customer. G & N Aircraft, Inc. will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

manufacturer will be credited to the operator's account.

REQUIRED CONDITIONS AND PROCEDURES NECESSARY FOR OBTAINING WARRANTY WORK – The following conditions and procedures must be met before G & N Aircraft, Inc. is liable under the provisions of this written warranty. The foregoing warranty shall be effective only if the engine or component to be serviced is returned to G & N Aircraft, Inc.'s facility at customer's expense, together with a detailed description in writing of the nature of the dr'fect. The customer or his representative should contact G & N Aircraft, Inc. for verification and authorization of warranty prior to return and/or repair. Written authorization

| Warranty No. | 61169 | |
|-------------------------|------------|--|
| Engine Serial No | L-7172-39A | |
| Aircraft Pagistration N | lo. | |

must be obtained from G & N Aircraft, Inc. before repairs covered by warranty can be performed other than by G & N Aircraft, Inc. In no event shall allowable repair costs exceed local published shop rates. This warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the Federal Aviation Administration ("FAA") and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by appropriate logbook entries which must accompany any engine returned for warranty work. Only defects which are reported to G & N Aircraft, Inc. within the warranty period are covered by this warranty and G & N Aircraft, Inc. must be given written notice, within ten (10) days after discovery.

LIMITATIONS, EXCLUSIONS, AND DISCLAIMERS – G & N Aircraft, Inc. shall not be liable for freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. G & N Aircraft, Inc. does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This written warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed repaired or maintained or altered in any manner which, in the judgment of G & N Aircraft, Inc. has had an adverse effect on the engine or its parts. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. Unless prior approval is given in writing by G & N Aircraft, Inc., this warranty shall not apply to any engine which has been repaired or altered, in any manner other than by G & N Aircraft, Inc. or it's authorized representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OR MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTS ARE HEREBY EXCLUDED. G & N Aircraft, Inc.'s liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL G & N AIRCRAFT, INC. BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY IN TORT OR NECLIGENCE ON THE PART OF G & N AIRCRAFT, INC. The laws of the State of Indiana will control the interpretation and application of this warranty. All disputes regarding this warranty and any related purchase or repair must be adjudicated in Lake County, Indiana.



1701 East Main Street Griffith, Indiana 46319 Tel: (219) 924-7110

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

Break-In Instructions For Fresh Overhauled Engines

1)Before start: Fill engine oil sump with correct amount of Straight Weight Mineral Oil corresponding to the outside air temperature the engine will be operating in. With th spark plugs removed, motor the engine over to verify positive oil pressure.

2)Initial Start: Re-install the spark plugs and start the engine. Run the engine long enough to check magneto RPM drop,propeller operation, fluid leaks, proper engine operation, and indications. Shut down the engine, inspect for leaks and other installation errors. Allow the engine to cool, then start again and run for approximately four (4) minutes. Again inspect the engine for leaks or other problems. If no problems are found the aircraft is ready to be flown.

3)Initial Flight: For the initial flight, it is recommended to get airborne as soon as possible. Use approximately 5-10 knots extra climb speed above normal. Remain close to the airport for safety and continually monitor the cockpit gauges for normal indications. Fly the aircraft for thirty (30) minutes, return to the airport, and perform another leak and installation inspection of the engine.

4)Second & Subsequent Flights: Cruise at a minimum 75% power for the first ten (10) hours of engine operation. DO NOT perform touch & go landings, with the aircraft until a minimum of ten (10) hours of flight has been conducted. If traveling on long, cross-country flights, at altitude, lean the engine to 100 degrees rich of peak EGT. This will keep the combustion temperatures at a reasonable level.

5)Oil Changes: At ten (10) and thirty-five (35) hours the oil and filter should be changed. Maintain the use of straight weight mineral oil during the first fifty (50) hours of engine operation if applicable to your model engine. After the first fifty (50) hours ashless dispersant oils can be used. G&N recommends STRAIGHT WEIGHT ashless dispersant oil that is appropriate for the outside air temperature that the aircraft will be operated in.

Note: If your engine is equipped with an oil screen instead of an oil filter, change the oil at ten (10), twenty-five (25), and fifty (50) hours. The normal oil change interval after that point should be twenty-five (25) hours thereafter.

This is to certify that the engine described hereafter has been overhauled to the manufacturer's new parts limits.

Engine disassembled, cleaned, inspected and reassembled in accordance with manufacturer's overhaul instructions. All steel parts magnafluxed. Engine test run in F.A.A. approved test cell. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance as of date of overhaul.

A description of these repairs is on file at this agency under:

DATE _____05/25/2004 61169 JOB NO. ____ MODEL 0-320-D3G MFG. Lycoming SERIAL NO. ____L-7172-39A 3759.6 TIME IN SVC. _

G & N Aircraft, Inc.

1701 E. Main St. Griffith, IN 46319 (219) 924-7110 C.R.S. #MW 2R020L

| 1 | | | | erhauled and Sup | • | | 5 |
|------------|---------|-----------|-------|------------------|-----------|---------|----------|
| ENGINE_ | 0-320 |)-D3G | _SN _ | L-7172-39A | | _DATE _ | 05/25/04 |
| | P/N | S/N | | | P/N | S/N | 1 |
| MAG | 4370 | 03120203 | | PROPELLER | NONE | | |
| MAG | 4371 | 03101460 | | PROP. GOV | NONE | | |
| ALT./GEN. | | NONE | | TACH. GEN. | NONE | | |
| INJ./CARB. | 10-5217 | CK61108 | | TURBO CHARGER | NONE | | |
| FUEL PUMP | LW15471 | 154724603 | | WASTE GATE | NONE | | |
| STARTER P | M1201 | 80083613 | | CONTROLLER | NONE | | |
| VAC. PUMP | | NONE | | | | | |
| DIS. VALVE | | | | REL. VALVE | ********* | | |
| | | 1701 E. M | | w.g# 61169 | | / | |



(219) 924-7110 Authorized Signature

C.R.S. #MW 2R020L

AIRWORTHINESS DIRECTIVE

At date of engine overhaul _____05/25/2004

Engine model ____0-320-D3G

Authorized Signature

| AD & REV # | REV DATE | APPLIC. SB # | ONE TIME | DECLIBER |
|-------------|--------------|--------------|-----------|-----------|
| 87-10-06 R1 | 09/01/89 | 477A | THE THINK | RECURRING |
| 91-14-22 | | | Χ | |
| 92-12-05 | | 475 | | X |
| 96-09-10 | | 501 | X | |
| | | 524 | V | |
| 97-15-11 | and the same | 527C | A | |
| _98-02-08 | | | X | |
| 98-17-11 | | 505B 530 | X | |
| END | | | X | |
| | | | | |
| | | | | |

| COMPLIANCE RECORD | |
|---|---------------------------|
| S/N L-7172-39A W/ | O61169 |
| C/W complied with, P/C/W previously complied w | vith, N/A not applicable. |
| CRS MW2R020L | |
| NEXT COMPLIANCE HRS. & DATE | METHOD OF COMPLIANCE |
| next overhant sudden stonness inch | N/A by P/N |
| next overhaul sudden stoppage insp. prop strike or gear train repair | C/W by insp. |
| | N/A by P/N |
| | P/C/W |
| | N/A by P/N |
| | C/W "P.I.D." |
| | C/W by insp. |
| END | |
| | |
| | |

| RELEASE/LOGBOOK ENTRY: AIRCRAFT: N1660II HOBBS/TAC | | |
|--|---|----|
| Automotive at | 3768.82 AFTT: 3708.82 | .1 |
| ALL COMPONENTS AND CONTROL AND TIRES, CHECKED BATTERY AN MAG SWITCH WITH NEW SWITCH. I STEERING BUNGEE RIGHT SIDE. CO FILTER. INSTALLED WHEEL PANTS. AND INSTALLED NEW ENGINE MOU ANGLE AND INSIDE LOWER CHANNO BOARDS. REPLACED CENTRAL VAC AND RIGGED. REPLACED WINGS, RIGG SECURED WIRES. INSTALLED STABIL | ED IN ACCORDANCE WITH PARKS AND LUBED AS NEEDED. CHECKED ALL WHEEL BEARING LIS INSPECTED, RIGGING CHECKED AND LUBED AS NEEDED. CW AD 95-26-13, ALL NEW HOSES INSTALLED. REPLACED REPLACED SERVICED AS NEEDED. CW AD 95-26-13, ALL NEW HOSES INSTALLED. REPLACED REPLACED BOTH ROD ENDS ON LEFT AILERON. RERIGGED RUDDER SYSTEM REPLACED CLEANED ENGINE, AIRCRAFT & BATTERY GROUND POINTS. INSTALLED ALTERNATOR NOISE S. REMOVED ENGINE, AIRCRAFT & BATTERY GROUND POINTS. INSTALLED OH ENGINE MOUNT SOLT. REMOVED CABIN HEAT BOX, REPAIRED AND REINSTALLED. REMOVED LOWER UNT BOLT. REMOVED CABIN HEAT BOX, REPAIRED AND REINSTALLED. REMOVED LOWER OF THE REPLACED WITH NEW FACTORY LOWER ANGLE AND CHANNEL. CLEANED INSIDE FLOCUUM FILTER. REPLACED VACUUM REGULATOR FILTER. INSTALLED NEW MIXTURE CABLE FAR STRUT INNER TUBE AND RESEALED STRUT. REPLACED NOSE GEAR SCISSOR LINK BLOCK GGED FLAPS & AILERON. INSTALLED NEW BOLTS. REMOVED PITCH & ROLL SERVOS AND SELVER AND REMOVED PILOTS SIDE WINDOW AND AFT WINDOW RESEALED. | DR |
| - PAINTED AND INSTALLED ON AIRCR DOME LIGHT SWITCH. REPLACED PL PLASTIC INSTRUMENT COVER AND A LEADING EDGE SKIN. INSTALLED FA ASSY RIVETED IN FLANGE AND PAINT REMOVED LEFT TOP AFT SKIN, INSTALLED ALTERNATOR REPLACED. REPLARED | ATSISTEM. REPLACED AIR FILTER ELEMENT. REPLACED ELEVATOR TRIM INDICATOR. REPLACE PILOTS & COPILOTS UPPER AIR VENTS. REPLACED STALL HORN MOUNT. INSTALLED NEW ALL PLACARDS. REPLACED COPILOTS HEATER VENT KNOB. REMOVED RIGHT WING MIDDLACTORY NEW SKIN, FITTED AND RIVETED IN PLACE. REPLACED RIGHT WING TIP WITH NEW ACTORY NEW SKIN, FITTED AND RIVETED IN PLACE. REPLACED WITH FACTORY NEW SKIN. THE WING MIDDLE SKIN BOTTOM. REPLACED WITH FACTORY NEW SKIN. CALLED NEW SKIN. REMOVED LEFT OUTBOARD LEADING EDGE SKIN, REPLACED WITH TERHAULED ENGINE 0320, SN: L-7172-39A. ALL NEW HOSES, VACUUM PUMP AND DENGINE BAFFLE AS NEEDED. INSTALLED OVERHAULED SENSENICH PROP. MODEL 74DM-DLER LEAKING, INSTALLED OH OIL COOLER. REPLACED EGT PROBE WITH SERVICEABLE | |
| WITH CURRENT REGULATIONS OF T | IANCE BENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE THE F.A.A. AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS 115 REPAIR STATION UNDER WORK ORDER NO 30371 DATED: 10/01/2004 | |
| SIGNATURE: | EAOR432D | |
| SIGNATURE: | EAOR432D | |
| 1///// < | | - |
| | | |
| , and the second | f. | |
| Telephone | HEART OF VIRGINIA AVIATION FAX | 1 |
| (FVX) 434-392-9016 (MTV) 276-957-6110 | Blue Ridge Regional Airport (FVX) 434-392-9046 Farmville Regional Airport MTV 276-957-2292 130 Wedgewood Drive Farmville, Virginia 23901 | |
| N1660H | PA28-161 DEC. 06, 2004 | |
| Aircraft Tach Time | | |
| I certify this | is engine her have | |
| 100 HOUR INSPE | is engine has been serviced and inspected in accordance with an ECTION per Lycoming O-320 Maint. Manual and was determined to | |
| he in the | ndition. | |
| be in airworthy cond | maiged filter, no contamination found | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6ats | ts of W100oil Mineral oil | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co | Compressions 1/74 a service | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co | compressions: 1/74, 2/73, 3/72, 4/72 | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co | compressions: 1/74, 2/73, 3/72, 4/72 | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co | Compressions 1/74 a service | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co | compressions: 1/74, 2/73, 3/72, 4/72 | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co | compressions: 1/74, 2/73, 3/72, 4/72. I and gapped plugs. Eak checks satisfactory and engine is approved for return for service. HEART OF VA AVIATION, INC. | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co | HEART OF VA AVIATION, INC. TOMMY L. GRIMES A & P # 466063807 | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co | compressions: 1/74, 2/73, 3/72, 4/72. I and gapped plugs. Eak checks satisfactory and engine is approved for return for service. HEART OF VA AVIATION, INC. | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co 4.Removed cleaned a All operation and lea | HEART OF VA AVIATION, INC. TOMMY L. GRIMES A & P # 466063807 SIGNED: | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co 4.Removed cleaned a All operation and lea | HEART OF VA AVIATION, INC. TOMMY L. GRIMES A & P # 466063807 SIGNED: | |
| be in airworthy cond 1.Drained oil and ch 2.Serviced with 6qts 3.Engine cylinder co 4.Removed cleaned a All operation and lea | HEART OF VA AVIATION, INC. TOMMY L. GRIMES A & P # 466063807 | |

| ate | TACH Hobbs | TTSN | cer | Performed W tificate number, an | ork: Must inc d repair stati | lude signature, on number if applicable |
|-------|--------------------------|--|--|---|--|---|
| 1.26 | 3.331.7 | | Drain (| sil Charge | 4 Insp O | :1 filter PlxICHER) |
| | 35/ | / , | Serveice | with 80+ Ac | 10shell 80 | ow. Run up for |
| | | | lean C | hech Check | good. | |
| | | | Ca | leli fro | 42284 | (6372. |
| | | | | | | , |
| | | | | | | |
| | | | | | | |
| | | He | eart o | f Virgini | a Avi | ation |
| | | | | oark Road Ashland | | |
| | | | REG N1660H S/N 28-7716037 | | Date. 3-3-200 MFG Piper | 95 |
| | | | HOBBS TACH 3878.1 | | MODEL PATTAF. 3878. | |
| | | | TTENG #1 | | TSMOH #1 | 109.3 |
| | | | TTENG #2 | | TSMOH #2 | |
| | - | | TTENG #2 TTPROP #1 TTPROP #2 | | TSMOH PRO | |
| | | , | TTPROP#1 | ENGINE _X_ | | OP #2 |
| | engin out le | AIR oil removed 8 qts of Aero e controls. P | FRAME and insp filtershell 80 W. Reformed control of prop.I cert | er. No metal noted. In Removed, clean, insp,ro appression check.#1 74 tify this engine and pr | TSMOH PROTECTION TO THE PROPELLI Stalled new filt tated spark plus 1/80 #2 75/80 #2 op have been in | OP #2 |
| | with sengin out le and v | AIR oil removed 8 qts of Aero e controls. P | FRAME and insp filtershell 80 W. Reformed control of prop.I cert | er. No metal noted. In Removed, clean, insp,ro appression check.#1 74 tify this engine and pr | PROPELLI stalled new fil- tated spark pla /80 #2 75/80 # op have been in | ter P/N ES 48110. Service ags. Insp and lubed all 43 76/80 #4 78/80. Dress insp IAW a 100 hour insp |
| 334 | with sengin out le and v | AIR a oil removed 8 qts of Aero be controls. P eading edge's was found to | FRAME and insp filtershell 80 W. Reformed control of prop.I cert | er. No metal noted. In Removed, clean, insp, roupression check.#1 74 tify this engine and pray condition. And is a DAT | TSMOH PROTESMOH PROPELLING PROPELLING Stalled new filth tated spark play 80 #2 75/80 #2 op have been in proved for resident | ter P/N ES 48110. Service ags. Insp and lubed all 43 76/80 #4 78/80. Dress insp IAW a 100 hour insp turn to service this date. DESCRIPTION OF WORK PERFORMED |
| 3-3-t | with sengin out le and v | AIR a oil removed 8 qts of Aero be controls. P eading edge's was found to | FRAME and insp filtershell 80 W. Reformed control of prop.I cert | er. No metal noted. In Removed, clean, insp, roupression check.#1 74 tify this engine and pray condition. And is a DAT O3/15 Removed. | TSMOH PROTESMOH PROPELLING Stalled new filter tated spark play 180 #2 75/8 | ter P/N ES 48110. Service ags. Insp and lubed all 43 76/80 #4 78/80. Dress insp IAW a 100 hour insp turn to service this date. #### A S |
| 3-3-6 | with sengin out le and v | AIR a oil removed 8 qts of Aero be controls. P eading edge's was found to | FRAME and insp filtershell 80 W. Reformed control of prop.I cert | er. No metal noted. In Removed, clean, insp, roupression check.#1 74 tify this engine and property condition. And is a DAT O3/15 Removed. | TSMOH PROTECTION TO TSMOH PROPERTY OF TSMOH PROPERTY OF TSMOH PROTECTION TO TSMOH PROTECTION TSMOH PROTECTION TO TSMOH PROTECT | ter P/N ES 48110. Service ags. Insp and lubed all 43 76/80 #4 78/80. Dress insp IAW a 100 hour insp turn to service this date. DESCRIPTION OF WORK PERFORMED |

| 05/09/05 3975.1 mans.1 | DATE Total Time Tach DESCRIPTION |
|------------------------|---|
| | / I IIME SMOH IIME OF WORK |
| | 05/10/05 3975.1 206.3 3975.1 PERFORMED Inspected engine IAW Piper service manual and check lists. Cleaned, |
| | and new filter. Comp. Check: 1:73/80 2:74/80 3:77/90 4 73:9 |
| | side. Burnished and painted rear face of prop. All ADs should be |
| | biweekly update 2005-09, see AD lists in logs. Run up and leak checks good. |
| | "I certify that this Engine has been inspected in accordance with a 100Hr inspection and was found to be in an airworthy condition." |
| | 71 E Q/A |
| | Signed: Thomas E. Kurtz III A&P#141525863IA |
| | Heart of Virginia Aviation Ashland VA |
| | |
| | |
| | |
| | DATE Tach Time WORK |
| | 06/06/05 4025.5 WORK PERFORMED |
| | Performed 50Hr inspection IAW Lycoming service manual chapter 4. Cleaned, gapned and chapter 4. Cleaned, gapned and chapter 4. Cleaned, gapned and chapter 4. |
| | with 7Qts 100 Aeroshell and new filter. Run up,leak and OPS checks good. |
| | "I certify that all work was done in accordance with the |
| | rules of the FAA and is in an airworthy condition." |
| | Signed: Thomas E. Kurtz III A&P#141525863IA |
| | Heart of Virginia Aviation Ashland VA |
| | |
| | |
| | |
| | |
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| | |
| | |
| | |

Date

Telephone (FVX) 434-392-9016 (MTV) 276-957-6110

HEART OF VIRGINIA AVIATION

Blue Ridge Regional Airport Farmville Regional Airport 130 Wedgewood Drive Farmville, Virginia 23901

(FVX) 434-392-9046 MTV 276-957-2292

olicable

N166OH

PA28-161

June 29, 2005

Aircraft Tach Time 4078.1

TSOH 309.3

I certify this engine has been serviced and inspected in accordance with an 100 HOUR INSPECTION per Lycoming O-320 Maint. Manual and was determined to be in airworthy condition.

- 1.Drained oil and removed filter, no contamination found.
- 2. Serviced with 7gts of Aeroshell W100 oil.
- 3. Engine cylinder compressions: 1/80, 2/80, 3/80, 4/80.
- 4. Removed cleaned and gapped plugs.

All operation and leak checks satisfactory and engine is approved for return for service.

HEART OF VA AVIATION, INC. TOMMY L. GRIMES

A & P # 466063807

SIGNED: =

DATE Tach Time WORK PERFORMED 4128.2 08/22/05 Performed 50Hr inspection IAW Lycoming service manual chapter 4. Cleaned, gapped and checked all plugs. Changed oil with 7Qts 100 Aeroshell and new filter. Run up,leak and OPS checks good.

"I certify that all work was done in accordance with the current rules of the FAA and is in an airworthy condition."

Signed:

Thomas E. Kurtz III A&P#141525863IA

Heart of Virginia Aviation Ashland VA

October 19, 2005

Telephone (FVX) 434-392-9016 (MTV) 276-957-6110

HEART OF VIRGINIA AVIATION Blue Ridge Regional Airport

Farmville Regional Airport 130 Wedgewood Drive Farmville, Virginia 23901

(FVX) 434-392-9046 MTV 276-957-2292

FAX

N1660H

Aircraft Tach Time: 4178.00

TSMOH: 409.2

I certify that this engine and prop have been serviced and inspected in accordance with a 100 HOUR INSPECTION and was determined to be in an airworthy condition.

Piper PA-28-161

- 1) Compressions 76/80 77/80 77/80 76/80
- 2) Cleaned, gapped and tested spark plugs reinstalled with new M-674 gaskets.
- 3) Drained oil and removed filter, no contamination found, installed 7 qts Aeroshell W100 oil and new CH48110 filter.
- 4) All Ad's Complied with at this time.

All work done in accordance with Lycoming O-320 Maint Manual and Aircraft is approved for return to service.

Tommy L Grimes A&P466093807IA

| ate | Hobbs SMOH | Performed Work: M certificate number, and repa | lust include signature, iir station number if applicabl |
|-----|---|---|---|
| | Telephone (FVX) 434-392-9016 (MTV) 276-957-6110 | HEART OF VIRGINIA AVIATION Blue Ridge Regional Airport Farmville Regional Airport 130 Wedgewood Drive Farmville, Virginia 23901 | FAX (FVX) 434-392-9046 MTV 276-957-2292 |
| | N1660H | Piper PA-28-161 DEC. 14 | 4, 2005 |
| | Airgraft Tach Time: 42 | 268.9 TSOH; 500.1 | |
| / | L certify this En | igine has been serviced and inspected i | n accordance |
| | with a 100 HOUR INS | SPECTION per Lycoming O-320 Maint. | ivialiual and |
| | 1 Drained oil and remo | ved filter, no contamination found. | |
| / | 2 Serviced with 7 ats of | f Aeroshell W80 oil. | |
| | 3 Engine cylinder comp | pressions: 1//8,2//9,3//8,4//9. | I for roturn to |
| 1 | Operation and leak chec | cks satisfactory and engine is approved | for return to service |
| / | Heart of Virginia Aviation | | |
| | Daniel T. Mcsherry | | |
| , | Pending, A&P Signed Dal J. N. Merr | | |
| | 6 | | |
| | | | |
| | | | |
| | | 1 05 0005 | |
| | N1660H Piper PA | A-28-161 November 25, 2005 | |
| | Aircraft Tach Time: 423 | | |
| | | o contamination found. Installed ES48110 filt V80 oil. Operational and leak test was satisfac | |
| | and aircraft is approved | for return to service. All work was done in | , and the same of |
| | accordance with Lycomi | ing O320 maintenance manual. | |
| | tul | 114h | |
| | Ronnie I | Hawkins A&P2705318 | |
| | Heart of Virginia Aviation | | |
| / | Hanover County Airport 11152 Airpark Road | √ KO | FP - KMTV - |
| | Ashland, VA 23005 | | KFVX |
| | N1660H PIPE | R PA28-161 January 3, 2006 | |
| / | Tach Time: 4294.9 TSM | OH: 526.0 | |
| | | | |
| | Operational and leak test w | ination found. Serviced with 7 quarts of Aeroshe as good. Magneto check good, light cheek | 11 80w oil |
| / | All work done in accordance | anation found. Serviced with 7 quarts of Aeroshe's good. Magneto check good, light check good. See with Lycoming Maintenance Manual and the Arryice | n oow oil. |
| | 10000 | | Aircraft |
| | Ronnie Ha | awkins A&P2705318 | |
| | | | |
| / | | No. | |

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

| | тасн | TTSN | | med Work: Must in | _ | |
|---|--|--|---|----------------------|------------------|-----------------------|
| Date | Hobbs | SMOH | certificate num | ber, and repair sta | tion number | if applicable |
| | Hoods | | Heart of Virginia Aviation Hanover County Airport 11152 Airpark Road Ashland, VA 23005 | ~~ | 3 | KOFP - KMTV - KFVX |
| | / | | N1660H | PIPER PA28-161 | March 2, | 2006 |
| | | / - | Tach Time:4338.1 | | | |
| | | | oil.Removed and replace was good. Magneto che Lycoming Maintenance | Manual and the Aircr | ood. All work do | one in accordance wi |
| | / | | Ronni | e Hawkins A&P270531 | 8 | |
| | :-:a Aviation | | Phone (434) 392-9009 | | | |
| | Virginia Aviation | - | Fax (434)-392-9046 | | | |
| Carmville | lgewood Drive e, VA 23901 | Piper PA28-161 | April 3, 2006 | | | |
| N1660H | ime: 4368.9 | TSOH:600.1 | ed in accordance with a 100 Hour condition. | | | |
| inspectio | on and was determined | filter no contaminatio | condition. on found. | | | |
| 1.Draine | ad with 8 ats of A | eroshell W100. | | | | |
| 2. Frain | e cylinder compres | eroshell w 100. ssions: 1/73,2/73,3/73,4 ecks satisfactory and en | 775. gine is approved for return to | | | |
| 3.Engin | ation | | | | | |
| All oper service. | Mesherry | | | | | |
| All oper | Mesherry | - | | | | |
| All oper service. | Mesherry | | | | | |
| All oper service. | Mesherry | - | | | | |
| All oper service. | Mesherry | | | | | |
| All oper service. Daniel N A&P31 | Mcsherry 10300 J. Kuy | Heart of Virginia A | Aviation | | | |
| All oper service. Daniel M. A&P31 Dial | Mcsherry 10300 1 / Fuy 60H 28-7716037 | Heart of Virginia A Piper PA-28-161 | Aviation | | | |
| All oper service. Daniel N A&P31 Dial | Mcsherry 10300 1 Fluy | Heart of Virginia A | Aviation 13-Jun-06 | | | |
| N166 S/N:: Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |
| N166 S/N:: Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 (p/n: 4371). Ground run | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |
| N166 S/N:: Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 (p/n: 4371). Ground run | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |
| N166 S/N:: Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 (p/n: 4371). Ground run | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |
| N166 S/N:2 Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 (p/n: 4371). Ground run in the PA28-161 mainten | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |
| N166 S/N:2 Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 (p/n: 4371). Ground run in the PA28-161 mainten 230135852 | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |
| N166 S/N:2 Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 (p/n: 4371). Ground run in the PA28-161 mainten 230135852 ginia Aviation ounty Airport | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |
| N166 S/N:2 Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 (p/n: 4371). Ground run the PA28-161 mainten 230135852 ginia Aviation | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |
| N166 S/N:2 Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 (p/n: 4371). Ground run the PA28-161 mainten 230135852 ginia Aviation ounty Airport rpark Road VA 23005 | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |
| N166 S/N:2 Tach Hobb | Mcsherry 10300 103 | Heart of Virginia A Piper PA-28-161 4443.9 39.2 (p/n: 4371). Ground run the PA28-161 mainten 230135852 ginia Aviation ounty Airport rpark Road VA 23005 | Aviation 13-Jun-06 Work Order#06-0786 up and ops check ok. All work | | | |

N1660H

June 23, 2006

Work Order 06-0806

Aircraft Tach Time: 4469.4 Engine Total Time: 4469.4 Engine Time SMOH: 700.6

Performed a 100-hour inspection in accordance with FAR 43 Appendix D Compression test as follows #1 74/80 #2 71/80 #3 73/80 #4 76/80. Drained oil, removed and inspected filter, no defects noted. Installed CH48110-1 filter and added 8 quarts of Aeroshell 100w. Checked magneto timing. Cleaned, gapped and rotated sparkplugs. Washed engine. Run up and leak check OK. Replace Pushrod tube on #1 cylinder. All work done in accordance with Lycoming 0360 Maintenance Manual. I certify that this engine has been inspected in accordance with a 100-hour inspection and is found to be in an airworthy condition and is approved for return to service.

James E. Parkman AP230135852

Heart of Virginia Aviation 11152 Airpark Road Ashland, VA 23005

Heart of Virginia Aviation PA28-161

N1660H

28-Jul-06

S/N:28-7716037 Total Time 4519.5 Work Order#06-083 Tach Time: 4519 5

Drained oil, removed filter for inspection - no contamination found. Installed new CH48110-1 oil filter. Serviced aircraft with 8 quarts of Aeroshell 100 regular oil Completed 50 hour inspection checklist. Run up, Ops and leak check good. All ork done in accordance with Lycoming 0-320 maintenance manual.

Parkman A&P230135852

Hanover County Airport 11152 Airpark Road Ashland, VA 23005 (804)798-6500

http://www.flyhova.com/hane

KOFP - 11152 Aırpark Road - Ashland - VA - 230 Heart of Virginia Aviation 23005 (804)708 65

N1660H S/N:28-7716037

PA28-161

28-Aug-06

Engine Time 4579 3

SMOH 810.5

Work Order#06-085 Tach Time: 4579

Complied with a 100 hour inspection in accordance with FAR 43 app. D and the PA28-161 maintenance manual

- Compressions 1 78/80, 2 78/80, 3 78/80, 4: 76/80;
- Cleaned, tested and gapped spark plugs
- 3 Checked mag timing and ignition harness
- 4 Drained oil, removed and inspected filter. Replaced filter with new and serviced engine with 8 quarts of Aeroshell W100 oil.
- Inspected and serviced prop in accordance with a 100 hour inspection.
- 6 All AD's are complied with at this time.

work done in accordance with Lycoming 0-320 maintenance manual certify that this engine and prop have been serviced and inspected in coordance with a 100 HOUR INSPECTION and was determined to be in an

auken Parkman A&P230135852

> Hanover County Airport 11152 Airpark Road Ashland, VA 23005

1

ned Work: Must include signature, er, and repair station number if applicable

Heart of Virginia Aviation N1660H

Work Order # 06-0963

Removed exhaust system for repair and overhaul by Dawley. Installed exhaust new gaskets. Run up OK.

Andrew M. Jones P2776135

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Heart of Virginia Aviation

N1660H Total time 4666.9

TSMOH 898 1

Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Compressions as follow: #1 73/80 #2 72/80 #3 67/80 #4 73/80. Drained oil. Removed and inspected filter. No defects noted. Installed a new CH48110-1 filter Serviced engine with 8 qts. of Aeroshell 80W. Cleaned, gapped, tested, and rotated sparkplugs. Checked magneto timing and ignition harness. Installed a new induction air filter. Adjusted idle speed and idle mixture. I certify that this engine has been inspected in accordance with a 100 hour Inspection and was determined to be

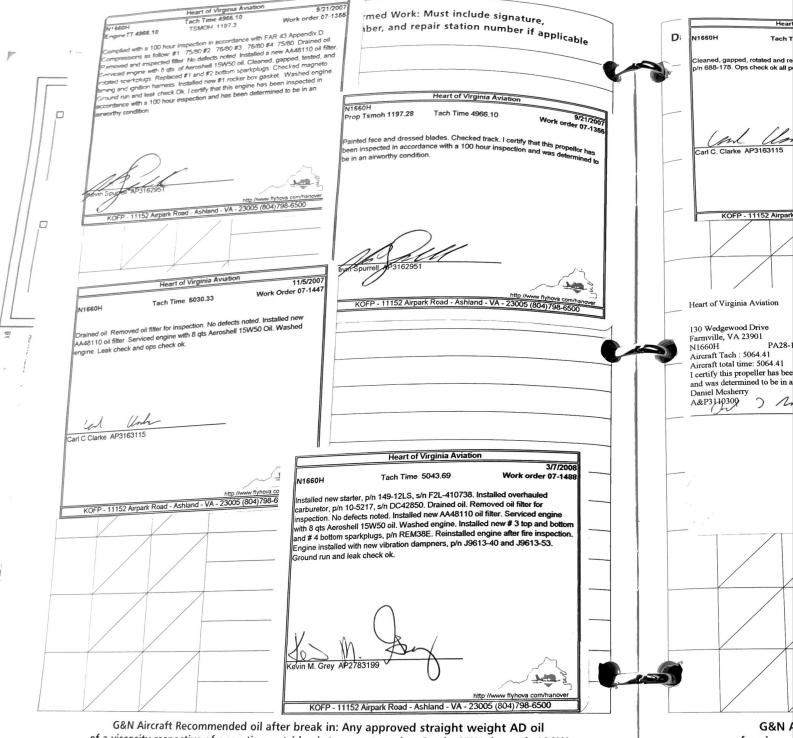
Parkman A&P230135852

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

ak in: Any approved straight weight AD oil air temperature, i.e. Grade 65W through 100W.

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

G&N Aircraft Recommended oil after of a viscosity respective of operating ou



of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

of a viscos

| | Heart of Virginia Aviation | | |
|-----------------|---|---|--|
| Di | Mork | 3/28/2008 Order 08-1642 | d Work: Must include signature, |
| D | N1660H Tach Time 5061.34 | Talian I | , and repair station number if applicable |
| | Cleaned, gapped, rotated and reinstalled spark plugs. Installed new p/n 688-178. Ops check ok all positions. Carl C. Clarke AP3163115 | Heart of 130 Wec Farmvill N1660H Aircraft TSMOH I certify | Virginia Aviation Phone (434) 392-9009 In this engine has been serviced and inspected in accordance with the serviced and the serviced an |
| | KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804) 75 | Dra: with 8 qu 4/75. Rer BA-16. C All opera service. Daniel T | n. It was determined to be in airworthy condition. ined oil and removed filter and screen, no contamination found. Serviced tarts of Aeroshell 15W50. Engine cylinder compressions: 1/77, 2/78, 3/78, moved cleaned and gapped plugs, Replaced induction air filter with new checked magneto timing and ignition harness. tion and leak checks satisfactory and engine is approved for return to McSherry 0300 |
| _ F | Heart of Virginia Aviation Phone (4 | 134) 392-9009 | |
| F N A A I a a T | 30 Wedgewood Drive Fax (4 armville, VA 23901 M1660H PA28-161 April 16, 2008 Aircraft Tach: 5064.41 Prop TSMO: 1295.59 Certify this propeller has been inspected in accordance with a 100 hond was determined to be in airworthy condition. Dressed blades and Daniel Mcsherry 1.8P3 140300 MM1 | 34)-392-9046 our inspection checked track. | |
| | | | Heart of Virginia Aviation 6/6/2008 |
| | | N1660H | Tach Time 5109.37 Work Order 08-1753 |
| | | | starter, p/n 149-12LS, s/n F2L-110809. Installed new starter 487-169. Installed in accordance with PA28-161 maintenance check ok. |
| | | lad | alaska |
| | | Carl C. Clarke | AP3163115 |
| | | KOFP | http://www.flyhova.com/hanover - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500 |

| Heart of Virginia Aviation | | |
|--|---|---|
| Work | 1 Approving National | |
| Tach Time 5115.11 | Avaition Authority/Country: | 2. |
| AMEEDH | | AUTHORIZED RELEA |
| Installed new starter solenoid, p/n 602-847. Removed starter p/n 1 | FAA/United States | FAA Form 8130-3 AIRWORT |
| Installed new starter solenoid, p/n 602-847. Removed starter portions of the period of | 4. Organization Name and Addres | TROWNIA COURT |
| checks ok. | Tanic and Address | |
| Cippers | 1 | Sky-Tec Partners, Ltd. |
| | 6. Item 17.D- | Granbury Texas 76049 (Documents) |
| | 6. Item. 7 Description: | 8. Part Number: 9. Eligibility:* |
| | I STARTER | - Engionity |
| 1 11 1 | - Land | 149-12LS N/A |
| Carl Closh | | l l |
| P2153115 | | |
| Carl C. Clarke AP3163115 | 13 Page 1 | |
| | 13 Remarks: | · Apper |
| .4 | 3 | |
| y~ 3 | | |
| http://www.flyhova.c | com/hanover | |
| http://www.trynova.c. KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798- | | |
| KOFP - 11152 Alipain 1100 | | |
| A CASSING Aviation | | |
| Heart of Virginia Aviation | 7/24/2008 | |
| N1660H Tach Time 5154.37 Work Ord | er 08-1812 | • |
| N1660H Tach Time 0104.07 | | |
| Cleaned and tested all spark plugs. Installed new # 2 bottom spark plug | g, p/n | |
| Cleaned and tested all spark plugs. Installed flew # 2 bottom REM38E. Ran up aircraft and performed mag check. Ops check good. | | |
| REMOCE. Rail up airciait and personal | | |
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| K M Z e | 1 | |
| The second second | | |
| Kevin M. Grey AP2793199 | | |
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| 1 | 1 - 8 | |
| \\ <u>F</u> | Heart of Vi | rginia Aviation |
| http://www.flyho | 1660H | 8/11/2008 |
| | ngineTT 5162.14 TSMOH 139 | |
| | amplied with a 100 hour increase :- | accordance with EAR 42 According |
| | | accordance with FAR 43 Appendix D. 78/80 #3 78/80 #4 78/80. Drained oil. |
| / | emoved and inspected filter. No defect | ts noted. Installed a new AA48110 oil filter. |
| s | erviced engine with 8 qts. of Aeroshell | 15W50 oil. Cleaned, gapped, tested, and |
| | otated sparkplugs. Checked magneto t | iming and ignition harness. Installed a new ever carb heat scat tubing. Installed new |
| / / g | askets on all induction tubes, p/n 719 | 73. Tightened clamps around all oil |
| / / d | rainback tubes. I certify that this engin | e has been inspected in accordance with a |
| | 00 hour inspection and has been dete | rmined to be in an airworthy condition. |
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| | 1 | т. |
| | Carl Clarke | |
| | | |
| | Carl C. Clarke AP3163115 | 2 |
| | | http://www.flishers.com/fbananas |
| | KOFP - 11152 Airpark Poad | http://www.flyhova.com/hanover |

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

30.65

| | Heart of Virginia Aviation | 8/11/2008 | | |
|--|---|--|---|---|
| N1560H PropTT 5162.14 | PTSMOH 1393 34 | Work order 08-1832 | ed Work: Must includer, and repair station | le signature, |
| Painted face and dres been inspected in acc be in an airworthy cor | sed blades. Checked track. I certify cordance with a 100 hour inspection addition. | that this propellor has and was determined to | r, and repair station | number if applicable |
| | | | | |
| | | | | |
| Carl C. Clarke AP316 | 33115 | ~ | | |
| | | //www.flyhova.com/hanover | | |
| KOFP - 11152 | Heart of Virginia Aviation | 5 (004)/50-0000 | <i></i> | |
| 660H | Tach Time : 5263.2 | 1/6/2009 Work order : 09-2046 | | |
| pressions as follow: # noved and inspected fil | inspection in accordance with FAR 1 71/80 #2 70/80 #3 70/80 #4 72 Iter. No defects noted. Installed a ne | 2/80. Drained oil. ew CH48110-1 oil | | |
| Serviced engine with rotated sparkplugs. Rug and ignition harness | 8 qts. of Aeroshell 15W50 oil. Cleal eplaced eight spark plug gaskets. (s. Installed a new induction air filter. | ned, gapped, tested, Checked magneto I certify that this | | |
| ne has been inspected rmined to be in an airw | in accordance with a 100 hour insp | pection and has been | | |
| | | | Heart of Virginia Aviation | |
| | | N1660H | Tach Time : 5263.2 | 1/6/2009 |
| 0.0 | | Painted face and d | tracead hladae Chaelad track Louis | Work order : 09-2046 |
| McSherry AP311030 | 0 | been inspected in a be in an airworthy | ressed blades. Checked track. I cer accordance with a 100 hour inspect condition. | ify that this propellor has on and was determined to |
| KOFP - 11152 Airpa | http://www rk Road - Ashland - VA - 23005 (80 | <u>flyt</u>)4); | | |
| | | _ | | |
| | | - | hus | - |
| | | Daniel McSherry AF | / // | - |
| | | KOFP - 1111 | 52 Airpark Road - Ashland - VA - 23 | ttp://www.flyhova.com/hanover 005 (804)798-6500 |
| | | | | |
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| Heart of Virginia Aviation | | | |
|--|--|---|--|
| V1660H Tach : 5309.69 | 4/7/2009 | med Work: Must in | clude |
| EngineTT: 5309.69 TSMOH: 1540.89 | Work Order : A09-2166 | med Work: Must in ber, and repair stat | clude signature, ion number if applicabl |
| See to accordance with EAS | A3 Appendix D | ber, and repair stat | ion number if |
| Complied with an annual inspection in accordance with FAR Compressions as follow: #1 75/80 #2 76/80 #3 78/80 #4 | 76/80. Drained oil. | | " applicabl |
| Removed and inspected filter. No defects noted. Installed a r | New Chao i io-i on | | |
| tter. Serviced engine with 8 ats. of Aeroshell 15W50 oil. Cle | eaned, gapped, tested, | | |
| nd rotated snarkplugs. Checked magneto timing and ignitio | on harness. Installed a | | |
| ew induction air filter. Cleaned oil from accessory case. Tig olts & magneto bolts. I certify that this engine has been ins | nected in accordance | | |
| ith an annual inspection and has been determined to be in | an airworthy condition. | | |
| in an annual respective contraction | | U - 4 - 6 V | |
| | Division I | Heart of Virginia Aviat Tach : 5309.69 | ion |
| | N1660H PropTT: 5309.69 | TSMOH : 1540.89 | Work Order 4/7/2009 |
| | 170p11.0000.00 | | Work Order : A09-2166 |
| | | | |
| 01011// | Charlend track I cort | if that this propoller has been i | |
| I WILLIAM | an annual inspection | ify that this propellor has been i and was determined to be in a | n airworthy condition |
| onald L. Hawkins AP2705318IA | | | an worthy condition, |
| original Elitablish El | | | I — |
| http://w | | | (|
| KOFP - 11152 Airpark Road - Ashland - VA - 23005 (| (80 | | - |
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| | Sindille | fe | |
| | Ronald L. Hawkins A | P2705318IA | |
| | | | 200 |
| | | | http://www.flyhova.com/hanover |
| | KOFP - 1115 | 2 Airpark Road - Ashland - VA - | 23005 (804)798-6500 |
| | 1011 1110 | Taipaint toda Tainain | |
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| The state of the s | | | |
| Heart of Virginia Aviation | | | |
| Heart of Virginia Aviation N1660H Tach: 5324.53 | 4/20/2009 Work Order : 09-2185 | 2 | |
| N1660H Tach : 5324.53 Complied with a 50 hr inspection. Replaced eight spar | 4/20/2009 Work Order : 09-2185 rk plug gaskets, p/n M674. | 30 | |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects | 4/20/2009 Work Order : 09-2185 rk plug gaskets, p/n M674. noted. Replaced with new | 120 | |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero | 4/20/2009 Work Order : 09-2185 rk plug gaskets, p/n M674. noted. Replaced with new | | |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero | 4/20/2009 Work Order : 09-2185 rk plug gaskets, p/n M674. noted. Replaced with new | | |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. | | |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. | | |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. | | |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 23 | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. | | |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 23 | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. | OF(+A) F+1+C0- | No DEFETTE ALEREN |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 23 | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. 3005 (804)798-6500 | DECTED FILTER - | NO DEFECTS NOTED, |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 23 | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. 3005 (804)798-6500 | PECTED FILTER - | NO DEFECTS NOTED, |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 23 | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. 3005 (804)798-6500 | PECTED FILTER - | NO DEFECTS NOTED, |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 23 | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. 3005 (804)798-6500 | PECTED FILTER - | NO DEFECTS NOTED, 48110-1. SERVICED BERGRIDO AE |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 23 | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. 3005 (804)798-6500 | PECTED FILTER - | NO DEFECTS NOTED, 48110-1. SERVICED BEGGREDO AE |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERVICED BOSTALDO AE 55. |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1 SERVICED BOSPICO AE 55. |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1 SERUTCO SOUS PROPRED AE 55. |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. r noted. Replaced with new oshell 15W50 oil. 3005 (804)798-6500 | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED BERGEREDO AE 55. |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED BERGERED AE 55. |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED BERGERED AE 55. |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED 380999000 AE 55. |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED BERGERED AE 55. |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED 380999000 AE 55. |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED 380999000 AE 55. |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED BERGERED AE 55. |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED BERGERED AE 55. |
| Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED BEGGRED AE 55. |
| N1660H Tach: 5324.53 Complied with a 50 hr inspection. Replaced eight spar Drained oil. Removed and inspected filter. No defects CH48110-1 oil filter. Serviced engine with 8 qts of Aero Daniel McSherry AP3110300IA KOFP - 11152 Airpark Road - Ashland - VA - 2: | Work Order: 09-2185 rk plug gaskets, p/n M674. rhoted. Replaced with new oshell 15W50 oil. WED OIL TNS. ACED FICTER W. | ITH NEW CH HOE'S 15WSO, M(54 | NO DEFECTS NOTED, 48110-1. SERUFCED 380999000 AE 55. |

and was determined to be in airworthy condition. Drained oil and replaced filter with CH48110-1. No contamination found. Engine cylinder compressions: 1/75,

2/77, 3/76, 4/75. Serviced engine with 8 Qts of Aeroshell 15W50 oil. All operation and leak checks satisfactory and engine is approved for return to service.

Daniel Mcsherry A&P3110300IA

Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005



Phone (804) 798-6500 Fax (804) 798-6544 WO # AF10-0053

N1660H

PTT: 5505.9 PTSO: 1737.10

January 13, 2010

Tach: 5505.9 I certify this prop has been inspected in accordance with an annual inspection was determined to be in airworthy condition.

G&N Aircraft Recommended oil of a viscosity respective of operatin

Daniel Mcsherry A&P3110300IA



approved for return to service.

Daniel Mcsherry AP3110300IA

| SVigginia Aviation |
|----------------------------|
| Heart of Virginia Aviation |
| 11152 Airpark Rd |
| Ashland, VA 23005 |



Phone 804-798-6500 Fax. 804-798-6544 WO # F10-0445

Aug 27, 2010

N1660H Aircraft Tach 5610 3

Removed oil filter, no contaminates found. Installed new oil filter.

Eric Sanders AP3432993

ed Work: Must include signature, r, and repair station number if applicable

Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005



Phone: 804-798-6500 Fax: 804-798-6544 WO # F10-0468

Sept 1, 2010

Aircraft Tach: 5617.1

Aircrait General Aircrait General Section Checked oil for contaminates, some contaminants noted, recommend check oil filter

Enc Sanders A&P3432993 Ei Mu

Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005



Phone: 804-798-6500 Fax: 804-798-6544

WO # F10-0490

N1660H

Aircraft Tach: 5623.7

Sept 10, 2010

Removed and cut oil filter, removed and cleaned oil screen, serviced with 7 quarts of

Eric Sanders A&P3432993 Eric Salver

Heart of Virginia Aviation



Phone: 804-798-6500 Fax: 804-798-6544 WO #F10-0627

N1660H Old Tach:5636.23 Tach Time: 22.9

EI

11152 Airpark Rd

Ashland, VA 23005

November 29, 2010

I certify this engine has been inspected in accordance with a 50 hour inspection and was determined to be in airworthy condition. Removed filter. Cut filter open, no contamination found. Installed new filter. Serviced engine with 7 quarts of Aeroshell 15w50 oil. Ops and leak check is ok. Engine is approved for return to service.

Eric Saunders A&P3432993 4325

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.



| | Heart of Verginia Aviation Phone 804-798-6500 Fax 804-798-6544 11147 Avitark Pd WO # A11-0749 | mber, and repair station number if applicable |
|---------------------------|---|---|
| | Arroraft Tach: 42.5 Aircraft Total Time: 5670.83 Engine Total Time: 5670.83 TSO 1902.03 Prop 1902.03 Locatify this engine has been inspected in accordance with a100 Hour inspection and was determined to be in arriverty, condition. Drained oil and removed filter to retainment found. Serviced with 7 quarts of Aeroshell 15W50 oil and added new filter Engine evinder compressions: 1772. 2772. 3/71, 4/70. Cleaned, gapped, tested and rotated spark plugs. All operation and leak checks satisfactory and engine is approved for return to service. Daniel Mesherry. AP31103001A. | |
| 0 | Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 N1660H Aircraft Tach: 42.5 Engine Total Time: 5670.83 Engine Total Time: 5670.83 TSO: 1902.03 Prop 1902.03 I certify this Prop has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Daniel Mcsherry AP3110300IA | |
| AUTHORIZED AND CURBUT TUR | | |
| FIRM CANA | Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 N1660H Aircraft Tach: 93.2 Drained oil. Removed and cut oil filter, removed and cleaned oil screen, serviced with 8 quarts of Aeroshell 15w50 oil. Removed and replaced oil filter with new (CH48110-1). Performed oil change in accordance with AVCO 1 coming, model 0-320 76 series operators manual, section 4 Arni E. Einarsson AP30045821A | |
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G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W

| | | and Works Man | |
|---|--|--|------|
| | Fax: 804-798-6544 | ned Work: Must include signature, er, and repair station number if applicable | |
| | Heart of Virgark Rd 1152 Aurhand VA 23005 Achland VA 23005 | Philo | anie |
| | 9 Total Time: 5743.33 | | |
| | Aircraft Tach 173 33 TSO: 1974.53 Aircraft Tach 173 33 TSO: 1974.53 Engine TT 5743 33 TSO: 1974.53 Engine TT 5743 33 TSO: 1974.53 Engine TT 5743 33 TSO: 1974.53 | | |
| | Figure 1 Lecrufy this engine has been inspectively condition. Changed oil filter, no lecrufy this engine to be in airworthy condition. Changed oil filter, no and was determined to be in airworthy compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional contamination found. Engine cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional cylinder cylinder compressions: 1/71, 2/70, 3/70, 4/71. In additional cylinder cyl | | |
| | salistació | | |
| 1 | Daniel Mesherry AP3110300IA | | |
| | | | |
| _ | | | |
| | Heart of Virginia Aviation Heart of Virginia Aviation Fax: 804-798-6500 Fax: 804-798-6544 | | |
| - | 11152 Airpaix Ro Achland, VA 23005 Nov. 26, 2012 | | |
| | N1660H Aircraft Tach: 115 Aircraft Total Time: 5743.33 Prop TT: 5743.33 TSO: 1974.53 | | |
| - | certify this prop has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition. | | |
| | Daniel Mcsherry AP31103001A | | |
| | | <u> </u> | |
| | | section a | |
| - | | nal insp | - |
| | | Dec 10, 2020 0.43 981.63 e with an Ann | |
| | | Dec 1 1981.6 1981.6 | |
| | Heart of Virginia Aviation Phone: 804-798-6500 | ime: 57 | |
| | 11152 Airpark Rd Ashland, VA 23005 N169EC Aircraft Tach: 122.1 Aircraft Total Time: 5750.43 | Dec Aircraft Total Time: 5750.43 43 TSO: 1981.63 Prop 1981 inspected in accordance wi inworthy condition. | |
| | Engine Total Time: 5750.43 TSO: 1981.63 Prop 1981.63 | Aircraf Aircraf D.43 TS D.43 TS Date up Date up | |
| | was determined to be in airworthy condition. Drained oil and removed filter no contamination found. Serviced with 7 quarts of Aeroshell 15W50 oil and adde filter. Engine cylinder compressions: 1/75, 2/76, 3/78, 4/74. Cleaned, gapped, | de phas be phase be p | |
| | and rotated spark plugs. Removed and replaced engine air filter. Removed and replaced #2 cylinder top spark plug lead b-nut M1673, drive ferrule M1458, a ferrule M1671. All operation and leak check satisfactory and engine is approximately approximately and the satisfactory and engine is approximately approxim | Tach: 1 Tach: 1 Tach: 1 Tach: 1 Tach: 1 Tach: 1 | |
| | return to service. Stephen M Leo AP3678028IA | N1660H Aircraft Engine 1 I certify was dete Stephen | |
| | | | |

5/19/2021 Engine Overhaul Log Entry: Time Since New Limit Major Overhaul 00:00. This O-320-D3G S/N L-7172-39A was disassembled, cleaned, inspected, repaired, overhauled and tested in accordance with factory recommended procedures outlined in the Lycoming overhaul manual 60294-7 using the parts listed and details outlined in this log entry and JBA Shop Order 21-4341. Parts List: 1ea Crankshaft STD/STD complied with SB505 75006 RI5565-1, 4ea 78030 320 series rods N/A AD 2017-16-11. 8ea SL78027 bolt, 8ea SL12186 nut, 8ea SL61662 bearing, 4ea SL11020 bearing, 2ea SL13884 bearing, 1ea AEL61084 spring, 1ea 1028B ball, 1ea SL53E19600 valve, 8ea SL72877 lifter, 8ea SL78290 hydraulic unit. 1ea SL18840 camshaft, 1ea AELSTD2213 bolt, 18109AS impellers, 1ea 76121 shaft, 4ea SLSTD2180 hoses. JB Aircraft Engines 4ea 69603 hoses, 1ea KA14001 harness, 8ea UREM40E spark plugs, 1ea 4371R slick magneto 1ea 4370R slick magneto, 1ea SL68C19622 gear mag drive, 1ea 10-3878-H MavScheb (see 8130-3), 1ea LW15472 fuel pump, 4ea New TIST04-1CA Cylinders (see 8130-3), 4ea AEL13790 shaft, 8ea AEL12892 button, 8ea SL74637 bushing, 4ea SL13444-1, 1ea 69371-1 kit gasket seal, 24ea STD-1925 screws, 8ea SL383B nuts. 1ea Dip Stick Assembly, 1ea STD-1211 plug installed after 505 compliance, CH48110-2 filter 1 test and 1 ship with engine, 8 qts, 100 mineral test runs then drained and discarded. The filter was cut and inspected with no contamination evident at this time. It is the responsibility of the installing mechanic to install all serviceable accessories & installation parts including all new fuel and oil hoses per Lycoming new or overhauled engine requirements and testing in accordance with SI1427 prior to flight. (Ground testing instructions were provided) The work listed was performed and inspected in accordance with current FAA regulations by, **5**/19/2021 James N Brod Jr. A&P 3016060 IA (JBA) 5/19/2021 AD compliance O-320-D3G S/N L-7172-39A 2017-16-11 Lycoming rod bushing / affected bushings not installed, 2012-03-07 Carb / affected carb not installed, 2012-19-01 Crankshafts / N/A by SN# per MSB 569A, 2009-26-12 Cylinder assemblies / affected JB Aircraft Engines cylinders not installed, 2007-04-19R1 SAP cylinder assemblies / affected cylinders not installed, 2006-12-07 ECi cylinder assemblies / affected cylinders not installed, 2006-10-21 ECi connecting rods / affected rods not installed, 2004-10-14 Crankshaft gear / installed gear & screw IAW SB475-C (next due at next gear train repair), 98-17-11 Crankshaft / shaft not overhauled by Nelson, 98-02-08 Crankshaft / CW SB505 (next due at overhaul), 98-01-06 Carb / affected carb not installed, 97-15-11 Cylinder kits / affected cylinders not installed, 96-09-10 Oil pump / affected pump not installed, 92-12-05 Piston Pins / affected pins not installed. Compliance by: James N Brod Jr. A&P 3016060 IA (JBA) TACH 131-45 Prop Total Time: 5761.78 Prop TSOH: 00.00 SN: 28-7716037 N1660H 08-03-2021 Removed Sensenich Prop Model: 74DM-0-60, S/N: 29098 and sent out to Aircraft Propeller Works, Inc. for overhaul. Installed Overhauled Sensenich Prop Model: 74DM-0-60, S/N: 29098 and safety wired IAW Piper Service Manual P/N: 761-539 and Sensenich Service Manual. ----- END -Neal Butterworth B366-636-71-0555-0 Approved for return to service with respect to above work performed. 25 95 Tommy L. Grimes AP466093807IA

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.