

N3024

ENGINE LOG

R44 II

R44 II
S/N: 117

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NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by LYCOMING specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL IO-540-AE1A5 SERIAL NO. L-31973-48E
DATE 12/28/00 [Redacted Signature]
(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

LYCOMING ENGINES
652 Oliver Street
Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL TO-540-AE1A5

SERIAL NUMBER L-31973-48E DATE OF MANUFACTURE 28 DEC 2006

HP _____ RPM _____ MANIFOLD PRESSURE _____

RECOMMENDED OCTANE/PERFORMANCE 100LL

REGISTERED OWNER _____

REGISTRATION NO. _____

STATE, ZIP _____

REGISTERED OWNER _____

REGISTRATION NO. _____

STATE, ZIP _____

R44 II

ENGINE ACCESSORIES INSTALLED

| | | |
|-----------------------|----------------------------|-----------------------|
| OIL COOLER | STEWART WARNER | S/N <u>3387</u> |
| OIL COOLER (SMALL) | STEWART WARNER | S/N <u>788</u> |
| RIGHT MAGNETO | TCM AIRCRAFT PRODUCTS DIV. | S/N <u>E06JA225</u> |
| LEFT MAGNETO | TCM AIRCRAFT PRODUCTS DIV. | S/N <u>E06HA085</u> |
| ALTERNATOR | KELLY AEROSPACE | S/N <u>G070374</u> |
| STARTER | SKY-TEC | S/N <u>H4M-050760</u> |
| FUEL CONTROL | PRECISION AIRMOTIVE | S/N <u>70B59909</u> |

IP SBR

WORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

| ITEM AFFECTED | DATE & HRS. AT COMP. | METHOD OF COMPLIANCE | TYPE OF A.D. 1 TIME/RECUR. | NEXT COMP. DATE/HRS./CYCLE | AUTHORIZED SIGNATURE CERTIFICATE NO. |
|------------------------|----------------------|--------------------------------|----------------------------|---------------------------------------|--------------------------------------|
| Injector Fuel Lines | MAY 22 07 0 | New lines and clamps installed | Recur | 100 or Annual | RHC PC424WE |
| Valve Stem Clearance | MAY 22 07 0 | New engine installed | Recur | 300.0 | RHC PC424WE |
| Oil Change | MAY 22 07 4.0 | Changed oil | Recur | 4 months or 29.0 | RHC PC424WE |
| TCM Magnetos | MAY 22 07 0 | N/A by Mag S/N | 1 Time | N/A | RHC PC424WE |
| TCM Magnetos | MAY 22 07 0 | N/A by Mag S/N | 1 Time | N/A | RHC PC424WE |
| Connecting Rod Bolts | MAY 22 07 0 | Mfg'd by Text-Lyc | 1 Time | N/A | RHC PC424WE |
| Sintered Iron Impeller | MAY 22 07 0 | C/W by Mfr | 1 Time | N/A | RHC PC424WE |
| Fuel Pumps | MAY 22 07 0 | N/A by D.O.M. | 1 Time | N/A | RHC PC424WE |
| Fuel Pumps | MAY 22 07 0 | N/A by pump model | 1 Time | N/A | RHC PC424WE |
| Oil Filter Plate | MAY 22 07 0 | Converter Plate not installed | 1 Time | N/A | RHC PC424WE |
| Injector Fuel Lines | MAY 22 07 0 | New lines and clamps installed | Recur | 100 or Annual | RHC PC424WE |
| Crankshaft Gear Bolt | MAY 22 07 0 | Complied with by Lycoming | 1 Time | N/A | RHC PC424WE |
| Crankshaft Gear | N/A 0 | N/A | Recur | Sudden Stoppage, or Gear Train Repair | RHC PC424WE |
| TCM Magnetos | MAY 22 07 0 | N/A by Series | 1 Time | N/A | RHC PC424WE |
| Crankshaft | MAY 22 07 0 | N/A per SB 566 | 1 Time | N/A | RHC PC424WE |
| Crankshaft | MAY 22 07 0 | N/A by Eng S/N | 1 Time | N/A | RHC PC424WE |
| Oil Change | 143.2 11-26-07 | CHANGED oil | RECUR | 4 MONTHS or 193.0 | RHC PC424WE |

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

| A.D./BULL. NUMBER | ITEM AFFECTED | DATE & HRS. AT COMP. | METHOD OF COMPLIANCE | TYPE OF A.D. 1 TIME/RECUR. | NEXT COMP. DATE/HRS./CYCLE | AUTHORIZED SIGNATURE CERTIFICATE NO. |
|-------------------|-------------------------|----------------------|----------------------|----------------------------|----------------------------|--------------------------------------|
| SB480 | OIL CHANGE | 03-20-08 198.3 | CHANGED OIL | RECUR | 4 MONTHS OIL 248.3 | AIR PRODS He |
| SB342 | INSPECTOR FUEL LINES | 03-20-08 198.3 | INSPECTION | RECUR | EVERY 100 HRS OR ANNUAL | AIR PRODS He |
| 2002-26-01 | INSPECTOR FUEL LINES | 03-20-08 198.3 | INSPECTION | RECUR | EVERY 100 HRS OR ANNUAL | AIR PRODS He |
| SB480 | OIL CHANGE | 05-27-08 250.1 | CHANGED OIL | RECUR | 4 MONTHS OIL 300.1 | AIR PRODS He |
| SB342 | INSPECTOR FUEL LINES | 06-04-08 263.4 | INSPECTED | RECUR | EVERY 100 HRS OR ANNUAL | AIR PRODS He |
| 2002-26-01 | INSPECTOR FUEL LINES | 06-04-08 263.4 | INSPECTED | RECUR | EVERY 100 HRS OR ANNUAL | AIR PRODS He |
| SB480 | OIL CHANGE | 06-04-08 263.4 | CHANGED OIL | RECUR | 4 MONTHS OIL 313.0 | AIR PRODS He |
| SB480 | OIL CHANGE | 08/15/08 315 | CHANGED OIL | RECUR | 4 MONTHS OR 365 | AIR PRODS He |
| SB480 | OIL CHANGE | 10-11-08 364.1 | CHANGED OIL | RECUR | 4 MONTHS OR 415 | AIR PRODS He |
| 2002-26-01 | INSPECTOR FUEL LINES | 10-11-08 364.1 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | AIR PRODS He |
| SB342 | " " | 10-11-08 364.1 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | AIR PRODS He |
| SB388 | HAIR SEAT CLEARANCE | 10-11-08 364.1 | INSPECTED | RECUR | EVERY 300 | AIR PRODS He |
| SB480 | OIL CHANGE | 01-27-09 424.6 | CHANGED OIL | RECUR | 4 MONTHS OIL 474 | AIR PRODS He |
| 2002-26-01 | INSPECTOR FUEL LINES | 01-27-09 424.6 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | AIR PRODS He |
| SB342 | " " | 01-27-09 424.6 | " " | " " | " " | AIR PRODS He |
| SB480 | OIL CHANGE | 04-16-09 480.1 | CHANGED OIL | RECUR | EVERY 4 MONTHS OR 530 | AIR PRODS He |
| SB480 | OIL CHANGE | 07-10-09 543.6 | CHANGED OIL | RECUR | EVERY 4 MONTHS OR 593 | AIR PRODS He |
| SB342 | INS. FUEL LINES | 07-10-09 543.6 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | AIR PRODS He |

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

| MODEL NUMBER | ITEM AFFECTED | DATE & HRS. AT COMP. | METHOD OF COMPLIANCE | TYPE OF A.D. 1 TIME/RECUR. | NEXT COMP. DATE/HRS./CYCLE | AUTHORIZED SIGNATURE CERTIFICATE NO. |
|--------------|----------------------|----------------------|----------------------|----------------------------|----------------------------|--------------------------------------|
| 28-06-31 | INS. FUEL PUMP | 07-10-09 593.6 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | [Redacted] Air Force of He |
| 28-06-31 | FUEL LINE INSPECTION | 07-10-09 593.6 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | [Redacted] Air Force of He |
| 28-06-31 | oil CHANGE | 12-11-09 593.0 | CHANGED oil | RECUR | 4 MONTHS OR 642. | [Redacted] Air Force of He |
| 28-06-31 | INSP. FUEL PUMP | 08-01-10 625.1 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | [Redacted] |
| 28-06-31 | FUEL LINE INSPECTION | 08-01-10 625.1 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | [Redacted] |
| 28-06-31 | oil CHANGE | 08-01-10 625.1 | CHANGED oil | RECUR | 4 MONTHS OR 675. | J. Carlos Guarilha |
| 28-06-31 | oil CHANGE | 02-12-11 650.2 | CHANGED oil | RECUR | 4 MONTHS OR 700. | [Redacted] |
| 28-06-31 | oil CHANGE | 06-09-11 676.4 | CHANGED oil | RECUR | 4 MONTHS OR 726. | [Redacted] |
| 28-06-31 | oil CHANGE | 09-11-11 693.3 | CHANGED oil | RECUR | 4 MONTHS OR 743. | [Redacted] |
| 28-06-31 | FUEL LINE PUMP | 07-11-11 693.3 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | J. Carlos Guarilha |
| 28-06-31 | FUEL LINE INSP. | 07-11-11 693.3 | INSPECTED | RECUR | EVERY 100 OR ANNUAL | [Redacted] |
| 28-06-31 | oil CHANGE | 09-29-12 700.7 | CHANGED oil | RECUR | 750. | J. Carlos Guarilha |
| 28-06-31 | FUEL LINE PUMP | 09-29-12 700.7 | INSPECTED | RECUR | ANNUAL OR 800 | [Redacted] |
| 28-06-31 | FUEL LINE INSP. | 09-29-12 700.7 | INSPECTED | RECUR | ANNUAL OR 800 | J. Carlos Guarilha |
| 28-06-31 | oil CHANGE | 02-05-13 713.3 | CHANGED oil | RECUR | 4 MONTHS OR 763. | J. Carlos Guarilha |
| | | | | | | [Redacted] |
| | | | | | | |

INSPECTION & MAINTENANCE RECORD

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. |
|----------|---------------------|---|
| 05-01-07 | 25.2 | CHANGED ENGINE OIL IN ACCORDANCE W/ R44 MM |
| AEP | Leslie L. Gillespie | GILLESPIE #2780489 REPLACE W/ SHELL 15W50 |
| 5-30-07 | 58.9 | CHANGED ENGINE OIL I/A/W R44 MM / Replaced w/ ^{shell} 15W50 Charles E Holmes CEM AEP 4110 06 3482 |
| 5-30-07 | 92.9 | OIL CHANGED I/A/W R44 M.M. / Replaced w/ shell 15W50 Charles E Holmes [REDACTED] |

N30242 S/N 11784 03/20/08. Actt. 198.2
 Run for warm-up, drained the engine oil, changed oil filter as per SB480D. Cleaned, inspected, gapped and rotate the spark plugs. Complied with SB62, throttle linkage, SB64, removable collective spring pin, SB65, air cond. duct wiring, AD 2008-06-51/ SB PRS107, fuel injection servo plug and AD2007-26-12 on Main Rotor Blades. Refilled engine with 9 qts of Aeroshell 15W50. Engine compression 1#75/80, 2#76/80, 3#77/80, 4#76/80, 5#77/80, 6#76/80. I certify that this helicopter and engine has been inspected in C/W an 100 hrs. inspection by the maintenance manual and found to be in airworthy condition.

J. Carlos Guarilha [REDACTED]
 Air Florida Helicopters, Inc.

INSPECTION & MAINTENANCE RECORD

| | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. | |
|--|------------|---|------------|
| N30242 | S/N 11784 | 10/11/08. | Actt.364.1 |
| <p>Run for warm-up, drained the engine oil, changed oil filter as per SB480D. Complied with AD2007-26-12 on main rotor blades. Check time on the magnetos . Refilled engine with 9 qts of Aeroshell 15W50. Engine compression 1#75/80, 2#75/80, 3#76/80, 4#77/80, 5#75/80, 6#77/80. I certify that this helicopter and engine has been inspected in C/W an 100 hrs. inspection by the Maintenance Manual and found to be in airworthy condition.</p> | | | |
| <p>_____ J.Carlos Guarilha A&F _____ Air Florida Helicopters, Inc.</p> | | | |
| N30242 | S/N 11784 | 01/29/09. | Actt.424.6 |
| <p>Run for warm-up, drained the engine oil, changed oil filter as per SB480D. Complied with AD2007-26-12 on main rotor blades, AD2008-19-05 Cyl. Assy Head . Check time on the magnetos . Refilled engine with 9 qts of Aeroshell 15W50. Engine compression 1#76/80, 2#75/80, 3#75/80, 4#76/80, 5#75/80, 6#76/80. I certify that this helicopter and engine has been inspected in C/W an 100 hrs. inspection by the Maintenance Manual and found to be in airworthy condition.</p> | | | |
| <p>_____ J.Carlos Guarilha A&F _____ Air Florida Helicopters, Inc.</p> | | | |


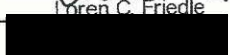
INSPECTION & MAINTENANCE RECORD

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED, AGENCY & CERTIFICATE NO. | |
|--|------------|---|-------------|
| N30342 | S/N 11784 | 07/10/09. | Actt.543.6 |
| Run for warm-up, drained the engine oil, changed oil filter as per SB480. Complied with AD2007-26-12 on main rotor blades, SB342, AD 2002-26-01, SB68, SB69, SB71, AD2008-06-51. Refilled engine with 9 qts of Aeroshell 15W50. Engine compression 1#75/80, 2#76/80, 3#76/80, 4#75/80, 5#75/80,6#75/80. I certify that this helicopter and engine has been inspected in C/W an Annual/100 hrs. inspection by the Maintenance Manual and found to be in airworthy condition. | | | |
| [Redacted Signature] J.Carlos Guarilha A&P [Redacted] Air Florida Helicopters, Inc. | | | |
| N30242 | S/N 11784 | 08/01/10 | Actt. 625.1 |
| Run for warm-up, drained the engine oil, changed oil filter as per SB480. Complied with AD2007-26-12 on main rotor blades, SB61, SB 77 . Cleaned, gapped and rotate the spark plugs. Refilled engine with 9 qts of Aeroshell 15W50. Engine compression 1#75/80, 2#74/80, 3#76/80, 4#75/80, 5#75/80, 6#76/80. I certify that this helicopter and engine has been inspected in C/W an Annual/100 hrs. inspection by the Maintenance Manual and found to be in airworthy condition. | | | |
| [Redacted Signature] J.Carlos Guarilha [Redacted] Air Florida Helicopters, Inc. | | | |
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INSPECTION & MAINTENANCE RECORD

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. | | |
|--|------------|---|-------------|--|
| N30342 | S/N 11784 | 09/11/11. | Actt:693.30 | |
| <p>Run-for warm-up, drained the engine oil, changed oil filter as per SB480D. Cleaned, gapped and rotate the spark plugs. Complied with SB61, SB72,. AD 2007-26-12,AD 2011-12-10 on Main Rotor Blades. Refilled with 9 qts.of Aeroshell 15W5 . Engine compression :1#75/80, 2#75/80, 3#72/80, 4#75/80, 5#77 /80, 6#72/80.I certify that this helicopter and engine has been inspected in C/W an Annual/100 hours inspection by the Maintenance Manual and found to be in airworthy condition.</p> | | | | |
| <p>J.Carlos Guarilha A&P [REDACTED] - Air Florida Helicopters, Inc. [REDACTED]</p> | | | | |
| N30242 | S/N 11784 | 09/29/12 | Actt# 700.7 | |
| <p>Run for warm-up, drained the engine oil, changed the filter as per SB480. Complied with AD2007-26-12, AD2011-12-10 on Main Rotor Blades, SB61, SB79,.Replaced the E.L.T. battery and tested. Re-filed the engine with 9 qts of Aeroshell 15W50. Engine compression: 1#75/80, 2#74/80, 3#76/80, 4#74/80, 5#76/80, 6#76/80.. I certify that this aircraft and engine has been inspected in accordance with an Annual/100 hrs. inspection by the Maintenance Manual and was determined to be in Airworthy condition.</p> | | | | |
| <p>J.Carlos Guarilha A&P [REDACTED] ,Air Florida Helicopters, Inc. [REDACTED]</p> | | | | |

INSPECTION & MAINTENANCE RECORD

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. | |
|---|--|--|--------------------------|
| | N30242 R44 II S/N: 11784 Hobbs: 721.3 | CE Rotor & Wing Inc. 2789 Flightline Ave. Sanford, FL | 7-23-2013 WO: 67255RW |
| <p>Replaced Aux Fuel Pump P/N: D743-1 S/N: 124234 with P/N: D743-3 S/N: 171719 per SB-69 and KI 206 instructions. Performed ground run/leak check. No defect noted.</p> | | | |
| <p style="text-align: center;">  Loren C. Friedle  </p> | | | |
| | N30242 R44 II S/N: 11784 Hobbs: 742.7 | CE Rotor & Wing Inc. 2789 Flightline Ave. Sanford, FL 32773 | 10-9-2013 WO: 67551RR |
| <p>Performed Annual/100hr inspection IAW FAR 91.409, 91.207, & 43.15 b c & App D using the manufacturer's maintenance manual as a guide.</p> | | | |
| <p>Compressions @ 80psi #1/75 #2/75 Oil: AS15W-50 #3/74 #4/74 Filter: B123-1 #5/72 #6/75</p> | | | |
| <ul style="list-style-type: none"> • Lycoming Service Information <ul style="list-style-type: none"> ○ SH1080C SPECIAL ATTENTION complied with ○ SH1129B ALT BELT TENSION complied with ○ SH1191A CYLINDER COMPRESSIONS complied with ○ SB301B MAINTENANCE FOR VALVES complied with ○ SB388C EXHAUST VALVE INSP complied with ○ SB342F FUEL LINE complied with ○ SB480E OIL SCREEN AND FILTER complied with | | | |
| <p>CONTINUED</p> | | | |

INSPECTION & MAINTENANCE RECORD

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. | |
|------|------------|---|--|
|------|------------|---|--|

| | | | |
|--------------|--|----------------------|-------------|
| N30242 | | CE Rotor & Wing Inc. | 10-9-2013 |
| R44 II | | 2789 Flightline Ave. | WO: 67551RR |
| S/N: 11784 | | Sanford, FL 32773 | |
| Hobbs: 742.7 | | | |

CONTINUED

- TCM Service Information
 - SB643B **MAINTENANCE INTERVALS** complied with
 - SB653 **HOT MAGNETO TEST** complied with
 - SB658 **DISTRIBUTOR GEAR** complied with
 - SB663A **2 WIRE TACH** complied with
- Airworthiness Directives
 - 2009-02-03 **FUEL SERVO** complied with by inspection IAW SL-35A
 - 2011-26-04 **FUEL LINE** complied with by inspection IAW SB342F
- Discrepancies
 - Replaced intake tube upper and lower gaskets, Removed corrosion and painted flanges
 - Replaced 12 spark plugs REM38E
 - Adjusted alternator belt tension
 - Replaced left and right magnetos
 - Removed S6LSC-200/66B21784 & S6LSC-204T/66B21783
 - Installed TCM Overhauled BL-600646-201/13HA044R & BL-600616-3/E13HA094R
 - Reamed all 6 cylinder exhaust valves

All work performed IAW manufacturer's specifications and authorization.
 I certify this aircraft has been inspected and determined to be in airworthy condition.

Loren C. Friedle

[Redacted Signature]

[Redacted Signature]

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--------------|--------------|--------------|----------------------|---|---------------|--|---------------|---------------|---------------|--|--|--|--|---|--|--|--|--|--|--|--|
| 1. Approving National Aviation Authority Country FAA United States | | | | | | 2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG | | | | | | 3. Form Tracking Number 284835 | | | | | | | | | | | |
| 4. Organization Name and Address Continental Motors, 2039 Broad Street, Mobile, Alabama 36615 | | | | | | | | | | | | 5. FAA PMA Approval Code 354431 | | | | | | 6. FAA Form Control Number 0000124112 | | | | | |
| 7. Part | 8. Description | 9. Part Name | 10. Quantity | 11. Quantity | 12. Good Date Number | 13. Status | 14. Part Name | 15. Part Name | 16. Part Name | 17. Part Name | 18. Part Name | | | | | | | | | | | | |
| 1 | MAGNETO - REDUCED | M-6006-6-001 | N/A | 1 | See Block 13 | | | | | | | | | | | | | | | | | | |
| 19. Remarks Rebuilt to Original PAIS Specifications in accordance with 14 CFR §17.31. | | | | | | | | | | | | 20. Notes Serial: 284835 Description: MAGNETO - REDUCED | | | | | | | | | | | |
| THIS FORM 8130-3 REPLACES FORM 8130-3 WITH FORM TRACKING NUMBER 284835 DATED 8/22/2013 7:35:54AM | | | | | | | | | | | | | | | | | | | | | | | |
| 21. Certify that this item complies with the specifications in accordance with: <input type="checkbox"/> Approved design data used as an airworthiness authority. <input type="checkbox"/> Non-approved design data specified in Block 15. | | | | | | | | | | | | 22. <input type="checkbox"/> Federal Aviation Service <input checked="" type="checkbox"/> Other authority as specified in Block 19. Certify that this item complies with the specifications in accordance with 14 CFR §17.31 and the applicable part of the FAR. For items not approved by the FAA, indicate the authority used in the Remarks section. | | | | | | | | | | | |
| 23. Authorized Signature | | | | | | | | 24. Approval Authority Title XXXXXXXXXXXXXXXXXX | | | | | | | | 25. Approval Authority Name JQ1269CE | | | | | | | |
| 26. Name (Printed or Typed) | | | | | | | | 27. Date (Date) | | | | | | | | 28. Date of Issue Daniel L. Nicholas | | | | | | | |
| User/Installer Responsibilities | | | | | | | | | | | | | | | | | | | | | | | |
| It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. | | | | | | | | | | | | | | | | | | | | | | | |
| Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensure that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. | | | | | | | | | | | | | | | | | | | | | | | |
| Statements in Block 11 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 user/installer before aircraft may be flown. | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

ANCE RECORD
OR MAINTENANCE PERFORMED
NY & CERTIFICATE NO.

| | | | |
|--|--------------------|----------------------|--------------|
| FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG (This form is used to certify that the aircraft or component meets the applicable FAA airworthiness requirements.) | | 334655 0000124178 | |
| 1 Description 2 Part Number 3 Quantity 4 Part Name 5 Part Number 6 Part Name | | | |
| 1 | STACNETO - REBUILD | BL-600616-3 | N/A |
| | | 1 | See Block 13 |
| | | | See Block 13 |

Rebuilt to Original PAF's Specifications in accordance with 14 CFR §43.3(j)

THIS FORM 8130-3 REPLACES FORM 8130-3 WITH FORM TRACKING NUMBER 284973 DATED 8/22/2013 2:5 16PM

| | |
|---|---|
| 13. <input type="checkbox"/> 14 CFR 43.33(a) or (b) <input checked="" type="checkbox"/> Other repair as specified in Block 13.1 Certified the repair complies with the applicable FAA airworthiness requirements. If the repair is not in accordance with the applicable FAA airworthiness requirements, the repair is not approved for return to service. | |
| 14. Approval Authority | 15. Approval Authority Signature XXXXXXXXXXXXXXXXXX |
| 16. Date (Typed or Printed) | 17. Name (Typed or Printed) Daniel L. Nicholas |
| 18. Date (Typed or Printed) | 19. Name (Typed or Printed) Aug/22/2013 Oct/15/2013 |

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/component/assemblies from the airworthiness authority of the country specified in Block 1.



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 user/installer before aircraft may be flown.

N30242
R44 II
S/N: 11784
Hobbs: 756.6

CE Rotor & Wing Inc.
2789 Flightline Ave.
Sanford, FL 32773

10-25-2013
67712RR

- Replaced starter PN: 149-24HT.
 - Removed SN: H4M-050760 Installed SN: H4M-130733


Loren C Friedle


N30242
R44 II
S/N: 11784
Hobbs: 793.0

CE Rotor & Wing Inc.
2789 Flightline Ave.
Sanford, FL 32773

11-22-2013
67892RR

Performed 50 Hr inspection. Oil: AS15W-50 Filter: B123-1

- Lycoming Service Information
 - o SI1080C **SPECIAL ATTENTION** complied with
 - o SI1129B **ALT BELT TENSION** complied with
 - o SB480E **OIL SCREEN AND FILTER** complied with

[REDACTED]
Loren C Friedle
[REDACTED]

N30242
R44 II
S/N: 11784
Hobbs: 795.4

CE Rotor & Wing Inc.
2789 Flightline Ave.
Sanford, FL 32773

12-3-2013
67895RR

- Replaced starter PN: 149-24HT with overhaul.
 - o Removed SN: H4M-130733
 - o Installed SN: F4C-371303
- Found faulty retard points in left magneto. Replaced mag with overhauled PN: BL-600616-3.
 - o Removed SN: E13HA094R
 - o Installed SN: E13IA193R
- Performed ground run. No defects noted.

[REDACTED]
Loren C Friedle
[REDACTED]

FAA - PMA

This tag certifies that Sky-Tec Model No. 149-24HT
Serial No. F4C-371303 was manufactured new on 18 Sep 2013
by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
Supplement No. 1 in accordance with Sky-Tec's
FAA-Approved Quality System (14CFR Part 21, Subpart K).
This article has been determined to be airworthy.
For installation eligibility see www.skytecair.com/eligibility.htm
Starter Installed on N 30242 by [REDACTED]
(Aircraft) (Mechanic)

RECORD
INANCE PERFORMED
IFICATE NO.

| | | | | | |
|---|------------------|----------------|--|--|------------------------|
| 1. Distribution Agency Address Continental Motors, 1000 Grand Street, Atlanta, GA 30301 | | PARTS SECTION | | 12. Work Order Number 1060187000 | |
| 3. Part | 4. Description | 5. Part Number | 6. U.I. Code | 7. Quantity | 8. Serial Block Number |
| 1 | MAGNETO - RLUH11 | HL-690616-1 | N/A | 1 | See Block 13 |
| 17. Remarks Rebuilt to Original PAI's Specifications in accordance with 14 CFR 43.301 | | | | | |
| Send Back Number: Serial: E131A193R Description: MAGNETO - RLUH11 | | | | | |
| 19. <input type="checkbox"/> 14 CFR 43.301(a) or (b) <input checked="" type="checkbox"/> Other location, specified in Block 11 Certifies that work performed specified in Block 11, 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 stamped in accordance with the instructions in the applicable instructions. | | | 20. Authorized Signatory [Redacted] | | |
| 21. Name (Typed or Printed) Daniel L. Nicholas | | | 22. Date (in d/y) Sep/27/2013 | | |
| User/Installer Responsibilities | | | | | |
| It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component assembly. | | | | | |
| Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. | | | | | |
| 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 user/installer before aircraft may be flown. | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

TENANCE RECORD
 TION OR MAINTENANCE PERFORMED
 AGENCY & CERTIFICATE NO.

N30242
R44 II
S/N: 11784
Hobbs: 837.1

CE Rotor & Wing Inc.
2789 Flightline Ave.
Sanford, FL 32773

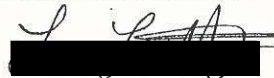
2-17-2014
68222RR

Performed 100Hr IAW FAR 43.15, 91.409, Robinson section 1.101, 2.400.

- Compressions @ 80psi
#1/75 #2/75 Oil: AS15W-50
#3/74 #4/74 Filter: B123-1
#5/73 #6/75
- Lycoming Service Information
 - SI1080C **SPECIAL ATTENTION** complied with.
 - SI1129B **ALT BELT TENSION** complied with.
 - SI1191A **CYLINDER COMPRESSIONS** complied with.
 - SB342F **FUEL LINE** complied with.
 - SB480E **OIL SCREEN AND FILTER** complied with.
- TCM Service Information
 - SB643B **MAINTENANCE INTERVALS** complied with.
 - SB653 **HOT MAGNETO TEST** complied with.
- Airworthiness Directives
 - AD2011-26-04 **FUEL LINE** complied with by inspection.
- Discrepancies
 - Treated corrosion on engine baffle and painted.

All work performed IAW manufacturer's specifications and authorization.
I certify this aircraft has been inspected and determined to be in airworthy condition.

Loren C. Friedle




N30242
R44 Raven II
SN: 11784
Hobbs: 863.1

HQ Aviation LLC
4040 E Concord St
Orlando, FL 32803

3.20.2014
HQA8

Performed 25 Hr oil change.

- OIL: AS 15W-50
- FILTER: B123-2


Loren C Friedle

N30242
SN: 11784
AFTT: 936.7
Hobbs: 936.7

HQ Aviation LLC.
4040 E. Concord St.
Orlando, FL 32803

5.19.2014
HQA13

Performed 100 Hour IAW FAR 43.15, 91.409, & 91.417, Robinson Sec. 1.101 & 2.400.

- Compressions @ 80PSI #1 / 75 #2 / 75 Oil: AS15W-50
#3 / 74 #4 / 74 Filter: B123-2
#5 / 73 #6 / 75

- Lycoming Service Information

- o SI1080C **SPECIAL ATTENTION** complied with.
- o SI1129B **ALT BELT TENSION** complied with.
- o SI1192A **COMPRESSIONS** complied with.
- o SB480E **OIL SCREEN AND FILTER** complied with.

- TCM Service Information

- o SB643B **MAINTENANCE INTERVALS** complied with.
- o SB653 **HOT MAGNETO TEST** complied with.

- Discrepancies

- o Installed aluminum tape on baffle access covers.

All work performed IAW the manufacturer's specifications & authorization. I certify this engine has been inspected and determined to be in airworthy condition.


Loren C. Friedle


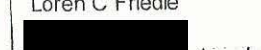

N30242
R44 Raven II
SN: 11784
Hobbs: 965.2

HQ Aviation LLC
4040 E Concord St
Orlando, FL 32803

5.27.2014
HQA22

Performed 25 Hr oil change.

- OIL: AS 15W-50
- FILTER: B123-2


Loren C. Friedle


N30242
R44 Raven II
SN: 11784
Hobbs: 987.6

HQ Aviation LLC
4040 E Concord St
Orlando, FL 32803

6.10.2014
HQA28

Performed 50 inspection.

- OIL: AS 15W-50
- FILTER: B123-2
- Lycoming Service Information.
 - o SI1080C **SPECIAL ATTENTION** complied with.
 - o SI1129B **ALTERNATOR BELT** complied with.
 - o SB480E **OIL SCREEN & FILTER** complied with.

All work performed IAW the manufacturer's specifications and authorization.

LoRen C Friedle

N30242
R44 Raven II
SN: 11784
Hobbs: 1017.0

HQ Aviation LLC
4040 E Concord St
Orlando, FL 32803

7.18.2014
HQA30

Performed 25 Hr oil change.

- OIL: AS 15W-50
- FILTER: B123-2

All work performed IAW the manufacturer's specifications & authorization.

LoRen C Friedle

CORD
PERFORMED
NO.

N30242
SN: 11784
AFTT: 1035.6
Hobbs: 1035.6

HQ Aviation LLC.
4040 E. Concord St.
Orlando, FL 32803

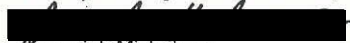

8.15.2014
HQA34

Performed 100 Hour inspection IAW FAR 43.15, 91.409, & 91.417, Robinson Sec. 1.101 & 2.400.

- Compressions @ 80PSI #1 / 75 #2 / 76 Oil: AS15W-50
#3 / 74 #4 / 74 Filter: B123-2
#5 / 74 #6 / 75

- Lycoming Service Information
 - SI1080C **SPECIAL ATTENTION** complied with.
 - SI1129B **ALT BELT TENSION** complied with.
 - SI1192A **COMPRESSIONS** complied with.
 - SB342F **FUEL LINE** complied with.
 - SB480E **OIL SCREEN AND FILTER** complied with.
 - SB388C **EXHAUST VALVE GUIDE** complied with.
 - SB310B **MAINTENANCE FOR VALVES** complied with.
- TCM Service Information
 - SB643B **MAINTENANCE INTERVALS** complied with.
 - SB653 **HOT MAGNETO TEST** complied with.
- Airworthiness Directives
 - 2011-26-04 **FUEL LINE** complied with IAW SB342F.
- Discrepancies
 - Reamed all 6 exhaust valve guides.

All work performed IAW the manufacturer's specifications and authorization.
I certify this engine has been inspected and determined to be in airworthy condition.


Jeremiah Mickelson


PERFORMED
E NO.

INSPECTION & MAINTENANCE RECORD

HQ AVIATION II
SN: 11784
Hobbs: 1083.7

4040 E. Concord St
Orlando, FL 32803

HQA55

Performed 50 inspection.

- OIL: AS 15W-50
- FILTER: B123-2
- Lycoming Service Information.
 - o SI1080C **SPECIAL ATTENTION** complied with.
 - o SI1129B **ALTERNATOR BELT** complied with.
 - o SB480E **OIL SCREEN & FILTER** complied with.

All work performed IAW the manufacturer's specifications and authorization.


Jeremiah J. Mickelson

| | | |
|---------------|---------------------|------------|
| N30242 | HQ Aviation LLC. | 10.31.2014 |
| SN: 11784 | 4040 E. Concord St. | HQA55 |
| AFTT: 1092.1 | Orlando, FL 32803 | |
| Hobbs: 1092.1 | | |


Performed Annual / 100 Hour inspection IAW FAR 43.15, 91.409, & 91.417, Robinson Sec. 1.101 & 2.400, Lycoming Operator's Manual Sec. 4.

- Compressions @ 80PSI

| | | |
|---------|---------|----------------|
| #1 / 74 | #2 / 75 | Oil: AS15W-50 |
| #3 / 74 | #4 / 74 | Filter: B123-2 |
| #5 / 73 | #6 / 75 | |
- Lycoming Service Information.
 - o SI1080C **SPECIAL ATTENTION** complied with.
 - o SI1129B **ALT BELT TENSION** complied with.
 - o SI1192A **COMPRESSIONS** complied with.
 - o SB342F **FUEL LINE** complied with.
 - o SB480E **OIL SCREEN AND FILTER** complied with.
- TCM Service Information.
 - o SB643B **MAINTENANCE INTERVALS** complied with.
 - o SB653 **HOT MAGNETO TEST** complied with.
- Airworthiness Directives.
 - o 2011-26-04 **FUEL LINE** complied with IAW SB432G.
 - o 84-26-02 **INDUCTION AIR FILTER** complied with by replacement of filter.
- Discrepancies
 - o Torqued oil filler neck.

All work performed IAW the manufacturer's specifications and authorization.

I certify this engine has been inspected and determined to be in airworthy condition.


Greg C. Erickson

P E T R O - A I R C R A F T . C O M


N30242
SN: 11784
AFTT: 1092.1
Hobbs: 1092.1

HQ Aviation LLC.
4040 E. Concord St.
Orlando, FL 32803

10.31.2014
HQA55

- Airworthiness Directives.
 - 84-26-02 INDUCTION AIR FILTER complied with by replacement of filter. Next due: 1192.1

All work performed IAW the manufacturer's specifications and authorization.
I certify this engine has been inspected and determined to be in airworthy condition.


Loren C Friedle

N30242
SN: 11784
AFTT: 1132.2
Hobbs: 1132.2

HQ Aviation LLC.
4040 E. Concord St.
Orlando, FL 32803

12.5.2014
HQA63

- Replaced alternator belt IAW Robinson MM Sec. 7.290


Jeremiah Mickelson

| | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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INSPECTION & MAINTENANCE RECORD
MAINTENANCE PERFORMED
& CERTIFICATE NO.

N30242
SN 10289
AFTT: 1186.1
Hobbs: 1186.1

HQ Aviation LLC
4040 E. Concord St.
Orlando, FL 32803

HQA64

Performed 100 Hour inspection IAW FAR 43.15, 91.409, & 91.417, Robinson Sec. 1.101 & 2.400, Lycoming Operator's Manual Sec. 4.

- Compressions @ 80PSI #1 / 76 #2 / 76 Oil: AS15W-50
#3 / 78 #4 / 78 Filter: B123-2
#5 / 78 #6 / 77

- Lycoming Service Information.
 - o S11080C **SPECIAL ATTENTION** complied with.
 - o S1129B **ALT BELT TENSION** complied with.
 - o S11192A **COMPRESSIONS** complied with.
 - o SB342G **FUEL LINE** complied with.
 - o SB480E **OIL SCREEN AND FILTER** complied with.

- TCM Service Information.
 - o SB643B **MAINTENANCE INTERVALS** complied with.
 - o SB653 **HOT MAGNETO TEST** complied with.

- Airworthiness Directives.
 - o 2011-26-04 **FUEL LINE** complied with IAW SB432G.
 - o 84-26-02 **INDUCTION AIR FILTER** complied with by replacement of filter.

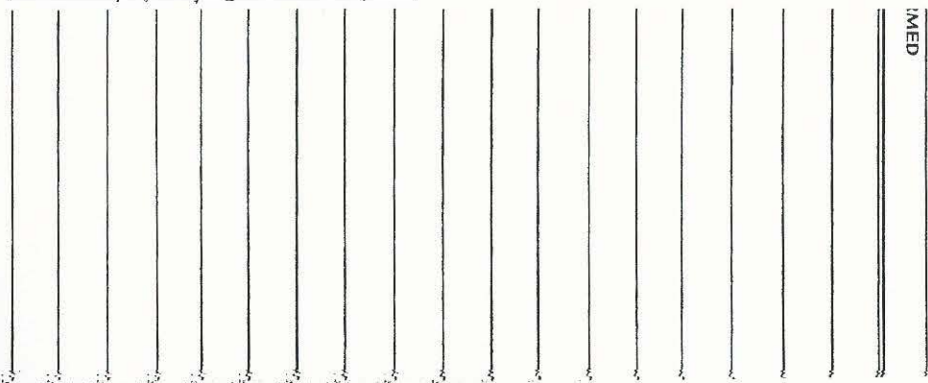
N30242
SN 10289
AFTT: 1186.1
Hobbs: 1186.1

HQ Aviation LLC
4040 E. Concord St.
Orlando, FL 32803

12.28.2014
HQA64

All work performed IAW the manufacturer's specifications and authorization.
I certify this engine has been inspected and determined to be in airworthy condition.

[Redacted Signature]



MAINTENANCE RECORD

IMED

N30242
R44 Raven II
SN: 11784
Hobbs: 1186.1

HQ Aviation LLC
4040 E Concord St
Orlando, FL 32803

12.29.2014
HQA65

- Replaced Fuel Pump P/N : LW-15473, S/N: F0046074 with P/N: LW-15473, S/N: H4812

All work performed IAW the manufacturer's specifications & authorization.

[REDACTED]
Cesar Clavijo

N30242
R44 Raven II
SN: 11784
Hobbs: 1244.5

HQ Aviation LLC
4040 E Concord St
Orlando, FL 32803

2.24.2015

Performed 50 inspection.

- OIL: AS 15W-50
- FILTER: B123-2
- Lycoming Service Information.
 - SI1080C **SPECIAL ATTENTION** complied with.
 - SI1129B **ALTERNATOR BELT** complied with.
 - SB480E **OIL SCREEN & FILTER** complied with.

All work performed IAW the manufacturer's specifications and authorization.

[REDACTED]
Cesar Clavijo

CORD
FORMED
NO.

ROBINSON HELICOPTER COMPANY
PART NO. EF5-1
REV. LTR. N/A
P.O./LOT NO. 195602
QTY. 1

