

# **ENGINE MAINTENANCE** RECORDS

Aircraft Registration **Engine Position** Engine Serial No. 276704-H

N414LA



# ENGINE MAINTENANCE RECORDS

Log No. DI

| Aircraft Registration No. 14144A   |
|------------------------------------|
| Engine Manufacturer                |
| Model                              |
| Serial No                          |
| Date installed on aircraft         |
| Time Between Overhauls (TBO) Hours |
| If used on multi-engine aircraft:  |

☐ Right

₩ Left

Page No.

DATE

TOTAL
TIME
IN
SERVICE

TOTAL
TIME
SINCE
OVERHAUL

TACH OR
RECORDING
METER
TIME

TACH OR
RECORDING
METER
TIME

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page



Engine Previous Total: 4119.7
Since Major Overhaul: 0.00

Date: 09-29-05

RAM Aircraft, Limited Partnership • Waco Regional Airport

# Series IV TCM TSIO-520-NB Left S/N 276704-H

Above referenced engine overhauled to new parts limits per FAR 43.2 (a) (1) (2) to conform w/TCM SM X-30574A. All gears cleaned, polished when required, inspected, magnafluxed and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. F dated 7/06/05. Installed new RAM camshaft p/n 1058-1A, s/n D05092 per STC SE4327SW, Rev. 3. AD 97-26-17 c/w per installation of new VAR crankshaft P/N 649898 S/N N05AA443 per TCM CSB96-8. Ultrasonic inspection per MSB96-10 due at next overhaul or when crankshaft removed. AD 99-19-01 C/W and found n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5D. Engine assembled with TCM heavy style crankcase P/N 654128-1, S/N 890318P. Installed new ECI Titan Nickel cylinders. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. AD 86-13-04 R3 N/A per new ECI Titan cylinders installed. AD 93-10-02 (MSB93-12) N/A per new ECl cylinders installed. MSB02-9 (ECI Cylinders) N/A per date of manufacture. AD 2004-08-10 (ECI MSB04-1, Rev. 1). N/A per cylinder serial numbers installed. N/A per letter "A" stamped on flange of rocker box. AD 76-02-07 N/A per installation of ALV9510 alternator. Engine accessories exchanged for overhauled units with exception of tach generator, vacuum pump, prop governor and hydraulic pump which were not installed per this work order. Installed new RAM/FAA/PMA fuel nozzles P/N 2562-14D. New Slick pressurized magnetos P/N 6320 installed per STC SE4651SW and pressurized, see 337. MSB94-8A on magneto timing procedure c/w per timing to STC degree requirements with TDC locator and protractor with pointer. Installed modified connecting rods P/N 1162-1 per STC SE4327SW as FAA-PMA approved replacement. Installed RAM/FAA/PMA rocker arms p/n 1842-3 and 1842-4. AD 98-01-08 N/A per installation of RAM/FAA/PMA rocker arms. Cadmium plating of engine hardware and associated lines and fittings per QQ-P-416C Class 2, Type II. Installed new RAM/FAA/PMA oil cooler P/N 2600-1, S/N 1672065. AD 93-08-17 not applicable to TSIO-520-NB per engine model. C/W AD 78-06-01 per installation of intake tube P/N 642590. C/W AD 79-05-09 per installation of new current design oil pressure plunger assy. C/W AD 89-24-01 R1 per installation of starter adapter p/n 642085A4 with current scavenge pump gears. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. Above referenced engine was made eligible for 1600 hr. TBO per TCM SIL98-9 Rev. A Note 2 and RAM Service Letter 89-001. AD 88-03-06 is N/A per oil filter installed this date. AD 91-19-03 is n/a per oil filter installed. Unpainted aluminum alloy engine parts were coated per RAM Specification No. 1142. Installed RAM/FAA/PMA spring loaded induction clamps p/n 1170-2. Installed RAM/FAA/PMA rocker box cover gaskets P/N 1387-1. C/W AD 93-16-15 per TCM MSB95-6 installation of fuel pump drive coupling P/N 653359. Engine ground run on test stand per RAM Specifications for (4) hours. Engine run-in with Phillips 20W-50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Service Bulletin SIL99-1 temp storage up to 90 days. Pertinent details on file under Project No. 2338/25657.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

SUB-TOTALS this page

| DATE    | TOTAL<br>TIME<br>IN<br>SERVICE | TOTAL<br>TIME<br>SINCE<br>OVERHA | Suburban Aviation, Inc. 4383 Section Road Ottawa Lake MI 49267 (734)856-6103 www.suburbanaviation.com  |
|---------|--------------------------------|----------------------------------|--|
|         |                                |                                  | Work Order: 09013  |
|         |                                |                                  | Department: SHOP  Sold To: Rimach Inc.   |
|         |                                |                                  | 326 Patillo Rd.<br>Tecumseh, ON N8N 2L9 CANADA   |
|         |                                |                                  | Aircraft Number: N414LA Type:CESSNA 414A S/N: 414A0077   |
|         |                                |                                  | Total Time: 7,131.7 Hobbs Time: 711.7 Tach Time: 0.0 LG Cycles:  |
|         |                                |                                  | Time   Cycles   Prop Type   Prop S/N   Prop Time   |
|         |                                |                                  | Discrepancy: 1  Problem: 11/11/2005  Completed the replacement of the TSIO-520-NB engine S/N:521235 on the left side of N414LA with a Ram overhauled TSIO-520-NB engine S/N:276704-H with all new Lord mounts, Oil, Fuel and Hydraulic hose, drain hoses and scat hoses. New air filter, newly overhauled hydraulic pump. All exhaust system hangers, mounts clamps. New Inconel stacks, tail pipe, and elbows. New wastegate pipes, newly overhauled wastegate. Engine mount beams were serviced with SK414-19B1 and SK414-19B3 kits per  |
|         |                                |                                  | AD97-26-16, next inspection is due in 9600 hrs or at 16731.7 aircraft total time. Engine was serviced with Phillips 20/50 Type M oil and pressure pre-oiled. Completed the ground set up per Ram and TCM manuals, aircraft was flight tested and returned to service.  Brian J. Eklund IA370744080   |
| 2.      |                                |                                  | AD97-26-16, next inspection is due in 9600 hrs or at 16731.7 aircraft total time. Engine was serviced with Phillips 20/50 Type M oil and pressure pre-oiled. Completed the ground set up per Ram and TCM manuals, aircraft was flight tested and returned to service.  Brian J. Eklund IA370744080   |
| 224-06  | 4148.4                         | 28.7                             | AD97-26-16, next inspection is due in 9600 hrs or at 16731.7 aircraft total time. Engine was serviced with Phillips 20/50 Type M oil and pressure pre-oiled. Completed the ground set up per Ram and TCM manuals, aircraft was flight tested and returned to service.  Brian J. Eklund IA370744080  Type M oil SA wo 09/96 pw Charge The Hips 20/50 Type M oil SA wo 09/96 pw  |
| 224-06  | 4148.4                         | 28.7                             | AD97-26-16, next inspection is due in 9600 hrs or at 16731.7 aircraft total time. Engine was serviced with Phillips 20/50 Type M oil and pressure pre-oiled. Completed the ground set up per Ram and TCM manuals, aircraft was flight tested and returned to service.  Brian J. Eklund IA370744080   |
| 224-06  | 4148.4                         | 28.7                             | AD97-26-16, next inspection is due in 9600 hrs or at 16731.7 aircraft total time. Engine was serviced with Phillips 20/50 Type M oil and pressure pre-oiled. Completed the ground set up per Ram and TCM manuals, aircraft was flight tested and returned to service.  Brian J. Eklund IA370744080  Type M oil Space O9/96 Purchase  Type  |
| 224-06  | 4148.4                         | 28.7                             | AD97-26-16, next inspection is due in 9600 hrs or at 16731.7 aircraft total time. Engine was serviced with Phillips 20/50 Type M oil and pressure pre-oiled. Completed the ground set up per Ram and TCM manuals, aircraft was flight tested and returned to service.  Brian J. Eklund IA370744080  THO 4 Clus oil + Filter Change, faithing 10/50  The Mole of the Service of |
| 224-06  | 4148.4                         | 28.7                             | AD97-26-16, next inspection is due in 9600 hrs or at 16731.7 aircraft total time. Engine was serviced with Phillips 20/50 Type M oil and pressure pre-oiled. Completed the ground set up per Ram and TCM manuals, aircraft was flight tested and returned to service.  Brian J. Eklund IA370744080  Type M oil Spread D9/96 Bury Bury Bury Bury Bury Bury Bury Bury  |
| 224-06  | 4148.4                         | 28.7                             | AD97-26-16, next inspection is due in 9600 hrs or at 16731.7 aircraft total time. Engine was serviced with Phillips 20/50 Type M oil and pressure pre-oiled. Completed the ground set up per Ram and TCM manuals, aircraft was flight tested and returned to service.  Brian J. Eklund IA370744080  Public Di L + Ruhun Chanque; faithing John John John John John John John John  |
| 2-24-06 | 4148.4                         | 28.7                             | AD97-26-16, next inspection is due in 9600 hrs or at 16731.7 aircraft total time. Engine was serviced with Phillips 20/50 Type M oil and pressure pre-oiled. Completed the ground set up per Ram and TCM manuals, aircraft was flight tested and returned to service.  Brian J. Eklund IA370744080  THE PROPERTY OF THE PROPER |

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| DATE               | TIME    | TIP             |   |                           |   |                           |                           |                    |
|                    | SERVICE | OVER            | Suburban Avia                                 | tion, Inc.                |   |                           |                           |                    |
|                    |         |                 | 4393 Section Road                             |                           |   |                           |                           |                    |
|                    |         |                 | Ottawa Lake MI 492<br>(734)856-6103           |                           |   |                           |                           |                    |
|                    |         |                 | www.suburbanaviatio                           | n.com                     |   |                           |                           |                    |
|                    |         |                 |   |                           | Work Order:   | 09454                     |                           |                    |
|                    |         |                 |   |                           | Department:   | SHOP                      |                           |                    |
|                    |         |                 |   |                           |   |                           |                           |                    |
|                    |         |                 | Sold To: Rimach                               | Inc.                      |   |                           |                           |                    |
|                    |         |                 | 326 Pa  | eh, ON N8N 2L9 CANADA     |   |                           |                           |                    |
|                    |         |                 | 1.7   |                           |   |                           |                           |                    |
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|                    |         |                 |   |                           |   |                           |                           |                    |
|                    |         |                 | Aircraft Number:                              | N414LA                    | Type:CESSNA 414A  |                           | S/N: 414A0077             |                    |
|                    |         |                 | Total T                                       | II-b                      |   | Time:                     | 0.0 LG Cycles<br>Prop S/N | Prop Time          |
|                    |         |                 | Eng# Type                                     | S/N<br>276704-H           |   | 32C515                    | 980261                    | 1,694.5<br>1,694.5 |
|                    |         |                 | 1 TSIO-520-NB<br>2 TSIO-520-NB                | 278308-R                  | 1,688.5 3AF   | 32C515                    | 980308                    | 1,054.5            |
|                    |         |                 | Aircraft Comment<br>TSMOH: 94.5 on b          | sth engines               |   |                           |                           |                    |
|                    |         |                 | Discrepancy: 1                                |                           |   |                           |                           |                    |
|                    |         |                 | Problem:                                      |                           |   | 4.01                      | shocked not Adlan such    | tem. Elt           |
|                    |         |                 | Completed the 100h                            | Annual Inspection IAW th  | e service manual and check list.<br>/28/2007. Checked the lights an<br>and lubed Jacked aircraft and co | d serviced to             | he battery. Serviced the  | e wheel bearings   |
|                    |         |                 |   |                           |   |                           |                           |                    |
|                    |         |                 | Oleaned the pircraft                          | Renlaced vacuum mitera    | illa rogulator  |                           |                           |                    |
|                    |         |                 | Dressed the propelle                          | ers, AD2005-14-11 Fast d  | <ol> <li>AD2006-03-08 DNA to air pur<br/>e-ice boots by replacing all fast to</li> </ol>                | ype boots wi              | th normal boots, repla    | ced 2 leads and    |
|                    |         |                 | tended auction                                |                           |   |                           |                           |                    |
|                    |         |                 | Engine oil was not o                          | nanged at this time. Comp | oressions were 1-78, 2-77, 3-78, air filter. Inspected the exhaust and the engine down and ground       | 4-77, 5-79,<br>system and | pulled tail pipe per AD   | 2000-01-16.        |
|                    |         |                 | Serviced the spark p                          | be engine controls. Clean | ed the engine down and ground   | test ran.                 |                           |                    |
|                    |         |                 | Dight Engine S/N-27                           | 308-K                     |   | . 22 F 7E                 | 6-78/80. Magnetos we      | ere at 21 degrees. |
|                    |         |                 | Engine oil was not of<br>Serviced the spark p | ugs, the fuel screens and | oressions were 1-78, 2-78, 3-79,<br>air filter. Inspected the exhaust and the engine down and ground    | system and test ran.      | pulled tail pipe per AD   | 2000-01-16.        |
| 15 mg              |         |                 | Lubed and chacked                             | he engine controls. Clear | od tile engine  |                           |                           |                    |
|                    |         |                 | I certify this Aircraft,                      | Engines and Propellers w  | as inspected in accordance with   | an Amauai i               | rispection and was as     |                    |
|                    |         |                 | airworthy condition.                          | /                         | luft the  | /                         |                           |                    |
|                    |         |                 | Brian J. Eklund IA37                          | 744080                    |   |                           |                           |                    |
|                    |         |                 |   |                           |   |                           |                           |                    |
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| 2-21               |         | Transaction .   |   |                           |   |                           |                           |                    |
|                    |         |                 |   | ALCOHOL: NO SE            |   |                           |                           |                    |
| 14.2               |         |                 |   |                           |   |                           |                           |                    |
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| THE REAL PROPERTY. |         |                 |   | SUB-TOTALS th             | s page  |                           |                           |                    |
| STATES             |         |                 |   |                           |   |                           |                           |                    |
|                    |         |                 |   | TOTALS Carry              | forward to next page  |                           |                           |                    |

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| aned the                |
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| 4-2001 4<br>Hobb | 330.5 | 270.9 | Work Order: 10251  Department: SHOP  Sold To: Rimach Inc. 326 Patillo Rd Tecumseh, ON N8N2L9 Canada  Aircraft Number: N414LA Type:CESSNA 414A S/N: 414A9077  Total Time: 7, 402.5 Hobbs Time: 982.5 Tach Time: 0.0 LiG Cycles: Prop Type Prop S/N Prop Time: 1 Time: Prop Type Prop S/N Prop Time: 1 T |
|------------------|-------|-------|--|
| Hobb             | 5!    | 782.5 | Sold To: Rimach Inc. 326 Patillo Rd Tecumseh, ON N8N2L9 Canada  Aircraft Number: N414LA Typa:CESSNA 414A S/N: 414A0077  Total Time: 7,402.5 Hobbs Time: 982.5 Tach Time: 0.0 Li3 Cycles: Eng# Type S/N Time Cycles Prop Type Prop S/N Prop T 1 TSI0-520-NB 27670-H 4,390.5 3AF32C515 980201 1.8 2 TSI0-520-NB 278308-R 1,864.8 3AF32C515 980308 1.8 Aircraft Comments: Engines TSMCH:270.8 Props TSOH 829.0 Heater Hobbs:2231.9  Discrepancy: 1  Problem: 8/20/2007  Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adiog system. Ell inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the battery. Replaced the aux power inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the battery. Replaced the survey in the control cable. Serviced the fuel motor and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubed. Replaced the fuel strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubed. Replaced the right systems, AD2004-21-05 tested the air switch and pressure decay tested heater, next due 8/20/2009 or at 2331.9 Hobbs time, AD2004-25-16 R1 inspected the heater fuel shut off valve and is due at 2331.9 or 8/20/2008. AD2006-03-08 and AD2007-0-18. R1 both DNA.  Inspected, cleaned hand dressed the propellers, tested the de-ice and reinstalled spinners.  |
|                  |       |       | Aircraft Number: N414LA Type:CESSNA 414A S/N: 414A0077  Total Time: 7,402.5 Hobbs Time: 982.5 Tach Time: 0.0 LG Cycles: Eng# Type S/N Time Cycles Prop Type Prop S/N Prop T 1 TSI0-520-NB 278704-H 4,390.5 3AF32C515 980261 1.8 2 TSI0-520-NB 278308-R 1,864.8 3AF32C515 980308 1.8 Aircraft Comments: Engines TSMOH:270.8 Props TSOH:829.0 Heater Hobbs:2231.9  Discrepancy: 1 Problem: 8/20/2007 Completed the 100hr Annual Inspection IAW the service manual and check list. AD's we're checked per Adiog system. Elt inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the and gear retraction checks, hydraulic pressures checked. Greased the littings. Replaced the nose tire. Aircraft was jacks and gear retraction checks, hydraulic pressures checked. Greased the littings. Replaced the nose tire. Aircraft was jacks and gear retraction checks, hydraulic pressures checked. Greased the littings. Replaced the nose tire. Aircraft was jacks and gear retraction checks, hydraulic pressures checked. Greased the littings. Replaced the nose tire. Aircraft was jacks and gear retraction checks, hydraulic pressures checked. Greased the littings. Replaced the nose tire. Aircraft was jacks and gear retraction checks, hydraulic pressures checked. Greased the littings. Replaced the nose tire. Aircraft was jacks and gear retraction checks. Serviced the fuel work of the pressure decided to control and lubed. Seplaced the results and lubed. Seplaced the nose tire aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust engine alternate air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust engine alternate air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust engine alternate air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspecte |
|                  |       |       | Aircraft Number: N414LA Type:CESSNA 414A S/N: 414A9077  Total Time: 7,402.5 Hobbs Time: 982.5 Tach Time: 0.0 LiG Cycles: Eng# Type S/N Time Cycles Prop Type Prop S/N Prop T 1 TSI0-S20-NB 276704-H 4,390.5 3AF32C515 980306 1.8 2 TSIO-S20-NB 278308-R 1,864.8 3AF32C515 980308 1.8 Aircraft Comments: Engines TSMOH-270.8 Props TSOH-829.0 Heater Hobbs 2231.9  Discrepancy: 1 Problem: 8/Z0/Z007 Completed the 100hr Annual inspection IAW the service manual and check list. AD's were checked per Adiog system. Elt. Inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power plug door. Serviced the wheel bearings and cleaned and replaced the brake linings. Replaced the nose tire. Aircraft was jacke and gear retraction checks, hydraulic pressures checked. Greased the littings. Replaced the air conditioner condenser blower and gear retraction checks. Hydraulic pressures checked. Greased the ittings. Replaced the air conditioner condenser blower and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubbed. Feplaced the night strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubbed. Feplaced the night strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubbed. Feplaced the night systems, AD2004-21-05 tested the air switch and pressure decay tested heater, next due 8/20/2009 or at 2331.9 Hobbs time, AD2004-25-16 R1 inspected the heater fuel shut off valve and is due at 2331.9 or 8/20/2008. AD2006-03-08 and AD2007-04-18. Inspected, cleaned and dressed the propellers, tested the de-ice and reinstalled spinners.  |
|                  |       |       | Total Time: 7,402.5 Hobbs Time: 982.5 Tach Time: 0.0 LG Cycles:  Eng# Type S/N Time Cycles Prop Type Prop S/N Prop T  1 TSIO-520-NB 276704-H 4,390.5 3AF32C515 980261 1.8 2 TSIO-520-NB 278308-R 1,864.8 3AF32C515 980308 1.8  Aircraft Comments:  Engines TSMOH:270.8 Props TSOH:829.0 Heater Hobbs: 2231.9  Discrepancy: 1  Problem: 8/20/2007  Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adlog system. Elt inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power plug door. Serviced the wheel bearings and cleaned and replaced the brake linings. Replaced the nose tire. Aircraft was jacked and gear retraction checks, hydraulic pressures checked. Greased the fittings. Replaced the onse tire. Aircraft was jacked motor and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel motor and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubed. Replaced the air systems. AD2004-21-05 tested the air switch and pressure decay tested heater, next due 8/20/2009 or at 2331.9 Hobbs time, AD2004-25-16 R1 inspected the heater fuel shut off valve and is due at 2331.9 or 8/20/2008. AD2006-03-08 and AD2007-0-1 R1 both DNA.  Inspected, cleaned and dressed the propellers, tested the de-ice and reinstalled spinners.   |
|                  |       |       | Eng# Type S/N Time Cycles Prop Type Prop S/N Prop T 1 TSIO-520-NB 276704-H 4,390.5 3AF32C515 980261 1.8 2 TSIO-520-NB 278308-R 1,864.8 3AF32C515 980308 1.8 Aircraft Comments:  Engines TSMOH:270.8 Props TSOH:829.0 Heater Hobbs:2231.9  Discrepancy: 1  Problem: 8/Z0/Z007  Completed the 100hr Annual Inspection IAW the service manual and check list. AD's we're checked per Adiog system. Elt inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power plug door. Serviced the wheel bearings and cleaned and replaced the brake linings. Replaced the nose tire. Aircraft was jacked and gear retraction checks, hydraulic pressures checked. Greased the littings. Replaced the air conditioner condenser biower motor and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubed. Replaced the air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust systems. AD2004-21-05 tested the air switch and pressure decay tested heater, next due 8/20/2009 or at 2331.9 Hobbs time, AD2004-25-16 R1 inspected the heater fuel shut off valve and is due at 2331.9 or 8/20/2008. AD2006-03-08 and AD2007-0-1 R1 both DNA.  Inspected, cleaned and dressed the propellers, tested the de-ice and reinstalled spinners.  |
|                  |       |       | 1 TSIO-520-NB 276704-H 4,390.5 3AF32C515 980261 1,8 2 TSIO-520-NB 278308-R 1,864.8 3AF32C515 980308 1,8  Aircraft Comments: Engines TSMOH:270.8 Props TSOH:829.0 Heater Hobbs:2231.9  Discrepancy: 1  Problem: 8/20/2007 Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adiog system. Elt inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power inspections per FAR 91:207(d), battery is due 1/31/2009. Checked the lights and serviced the nose tire. Aircraft was jacked and gear retraction checks, hydraulic pressures checked. Greased the fittings. Replaced the nose tire. Aircraft was jacked and gear retraction checks, hydraulic pressures checked. Greased the titings. Replaced the incommon or condenser biower and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel motor and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubed. Replaced the right engine alternate air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust systems. AD2004-21-05 tested the air switch and pressure decay tested heater, next due 8/20/2009 or at 2331.9 Hobbs time, AD2004-25-16 R1 inspected the heater fuel shut off valve and is due at 2331.9 or 8/20/2008. AD2006-03-08 and AD2007-04-1 R1 both DNA.  Inspected, cleaned and dressed the propellers, tested the de-ice and reinstalled spinners.   |
|                  |       |       | Problem: 8/20/2007 Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adiog system. Elt. Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adiog system. Elt. Inspections per FAR 91.207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power plug door. Serviced the wheel bearings and cleaned and replaced: the brake linings. Replaced the nose tire. Aircraft was jacked and gear retraction checks, hydraulic pressures checked. Greased the fittings. Replaced the air conditioner condenser blower motor and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel motor and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubed. Seplaced the right engine alternate air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust engine alternate air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust engine alternate air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust engine alternate air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust engine alternate air control cable. Serviced the right engine and serviced the |
|                  |       |       | Left Engine Oil and filter changed, wear check sent in, lifter cut. Serviced with Phillips Journal of the air filter. Inspected the controls, 74, 3-76, 6-78, 6-78/80. Mags were at 20 degrees. Serviced the spark plugs, cleaned the air filter. Inspected the controls, fluid hoses and mounts. Replaced the wastegate valve with RAM overhauled unit S74. "E039807 due to piston leaks. Cleaned engine down.  Right Engine Oil and filter changed, wear check sent in, filter cut. Serviced with Phillips 20/50 XC oil. Compressions were 1-75. 2-77, 3-77, 4-78, 5-77, 6-78/80. Mags wee at 20 degrees. Serviced the spark plugs. Cleaned the air filter, fuel screens, checked the fluid hoses, mounts. Cleaned the engine down.  I certify this Aircraft Engines and Propellers was inspected in accordance with an Annual Inspection and was defermed as in airworthy condition.  Brian J. Eklund IA370744080   |
|                  |       |       |  |
|                  |       |       |  |
|                  |       |       |  |
|                  |       |       | SUB-TOTALS this page   |

| No  | -  |   | Suburban Avia 4383 Section Road Ottawa Lake MI 492   |  |   | 1025.7                    | TT TSMAH          |
|---|--|---|--|--|---|---------------------------|-------------------|
| DATE  | TOTAL<br>TIME<br>IN  | TOTAL<br>TIME<br>SINCE  | (734)856-6103<br>www.suburbanaviatio   | n.com  | DESCRIPTION OF MUNICIPALITY   | 5.7.0                     | 1311011           |
| S   | SERVICE  | OVERHAUI  |  |  | Work Order: 1   | 0428 Op                   | ened: 10/18/2007  |
|   |  |   |  |  | Department: S   | HOP                       | sed: 10/19/2007   |
|   |  |   | 200000000000000000000000000000000000000  |  |   |                           |                   |
|   |  |   | Sold To: Rimacl  | tillo Rd   |   |                           |                   |
|   |  |   | Tecum  | seh, ON N8N2L9 Canad   | a   |                           |                   |
|   |  |   |  |  |   |                           |                   |
|   |  |   |  |  |   |                           |                   |
|   | -  | -   | Aircraft Number:   | N414LA   | Type:CESSNA 414A  | S/N: 414A0077             |                   |
|   |  |   | Eng# Type  | S/N  | Time Cycles Prop Typ  |                           | Prop Tim          |
|   |  | -   | 1 TSIO-520-NB<br>2 TSIO-520-NB   | 276704-H<br>278308-R   | 3AF32C51<br>3AF32C51  |                           | 1,870             |
| 199   |  |   | Discrepancy: 1   | 21000011   |   |                           | 1,070             |
|   |  |   | Problem:   |  |   |                           |                   |
|   |  |   | 10/18/2007<br>Left Engine:   |  |   |                           |                   |
|   |  |   | Completed the engir  |  | filter cut and wear check sent in. Serviced   |                           |                   |
|   |  |   | engine down. Comp  | eleted the Exhaust syste   | m inspections and pressure test per AD2   | 2000-01-16 . Engine was   | test ran.         |
|   |  |   | Right Engine:  |  |   |                           |                   |
|   |  |   | Completed the engin  |  | filter cut and wear check sent in. Serviced   |                           |                   |
|   |  |   | engine down. Comp<br>top of green. Engine  |  | m inspections and pressure test per AD2   | 2000-01-16 . Adjusted the | or pressure up to |
|   |  |   |  |  |   |                           |                   |
| Suburban A  | Aviation.  | Inc.  |  |  | er motor inop, removed and inspected me<br>ested motor, reinstalled and tested in airc  |                           | s and cleaned     |
| 4383 Section R  | load   |   | and lubed, replaced  | are brush springs and t  | Color India, remissioned and tested in and  | 1                         |                   |
| Ottawa Lake M<br>(734)856-6103  |  |   | Brian J. Eklund IA3  | 70744080   | But It Ill  |                           |                   |
| www.suburbana   |  | -   |  |  | /   |                           |                   |
|   |  |   |  |  |   |                           |                   |
|   |  |   | Work Or  | der: 11004   |   |                           |                   |
|   |  |   |  | t: SHOP  | 2.74  |                           |                   |
|   |  |   | Departmen  | ii. Shor   |   |                           |                   |
| Sold To: 1  | Rimach Inc.  |   |  |  |   |                           |                   |
|   | 326 Patillo Rd   |   |  |  |   |                           |                   |
|   | recumsen, O  | N N8N2L9 Canada   |  |  |   |                           |                   |
|   |  |   |  |  |   |                           |                   |
|   |  |   |  |  |   |                           |                   |
|   |  |   |  |  |   |                           |                   |
| le de la constant de |  |   | THEOCERCHA   | 414A S/N   | 414A0077  |                           |                   |
| Aircraft Number   | er:  | N414LA  | Type:CESSNA  | 7137   |   |                           |                   |
| -   | er:<br>Total Time:   | Secretary of the second   | obbs Time: 1,061.3   | STATE IN COLUMN  | 0.0 LG Cycles:  |                           |                   |
| Eng# Type   | Total Time:  | 7,481.3 Ho<br>S/N   | obbs Time: 1,061.3<br>Time Cycles  | Tach Time: (   |   |                           |                   |
| Eng# Type<br>1 TSIO-520   | Total Time:  | 7,481.3 Ho<br>S/N<br>276704-H   | bbs Time: 1,061.3<br><u>Time</u> Cycles<br>4,469.3   | Tach Time: C<br>Prop Type<br>3AF32C515   | 0.0 LG Cycles: Prop S/N Prop Time 980261 1,949.6  |                           |                   |
| Eng# Type   | Total Time:  | 7,481.3 Ho<br>S/N   | obbs Time: 1,061.3<br>Time Cycles  | Tach Time: (   | 0.0 LG Cycles: Prop S/N Prop Time   |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM   | Total Time:  NB -NB -NB -Ments:  MOH:349.6   | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R   | bbs Time: 1,061.3<br><u>Time</u> Cycles<br>4,469.3   | Tach Time: C<br>Prop Type<br>3AF32C515   | 0.0 LG Cycles: Prop S/N Prop Time 980261 1,949.6  |                           |                   |
| Eng# Type   | Total Time:  NB NB nments:  MOH:349.6 SPOH: 907.8  | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R   | bbs Time: 1,061.3<br><u>Time</u> Cycles<br>4,469.3   | Tach Time: C<br>Prop Type<br>3AF32C515   | 0.0 LG Cycles: Prop S/N Prop Time 980261 1,949.6  |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS   | Total Time:  NB NB Imments: MOH:349.6 SPOH: 907.8 tion next due  | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R   | bbs Time: 1,061.3<br><u>Time</u> Cycles<br>4,469.3   | Tach Time: C<br>Prop Type<br>3AF32C515   | 0.0 LG Cycles: Prop S/N Prop Time 980261 1,949.6  |                           |                   |
| Eng# Type  1 TSI0-520 2 TSI0-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I Discrepancy: 1   | Total Time:  NB NB Nments:  MOH:349.6 SPOH: 907.8 tion next due Due Next: 1/   | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R   | bbs Time: 1,061.3<br><u>Time</u> Cycles<br>4,469.3   | Tach Time: C<br>Prop Type<br>3AF32C515   | 0.0 LG Cycles: Prop S/N Prop Time 980261 1,949.6  |                           |                   |
| Eng# Type  1 TSI0-520 2 TSI0-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I Discrepancy: 1 Problem;  | Total Time:  NB NB Nments: MOH:349.6 SPOH: 907.8 tion next due Due Next: 1/  | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R   | bbs Time: 1,061.3<br><u>Time</u> Cycles<br>4,469.3   | Tach Time: C<br>Prop Type<br>3AF32C515   | 0.0 LG Cycles: Prop S/N Prop Time 980261 1,949.6  |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I  Discrepancy: 1 Problem: 9/25/2008   | Total Time:  NB  | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R<br>::9/30/2010<br>31/2009   | bbs Time: 1,061.3<br><u>Time</u> <u>Cycles</u><br>4,469.3<br>1,943.6   | Tach Time: (<br>Prop Type<br>3AF32C515<br>3AF32C515  | 0.0 LG Cycles: Prop S/N Prop Time 980261 1,949.6 980308 1,949.6   |                           |                   |
| Eng# Type  1 TSI0-520 2 TSI0-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I Discrepancy: Problem: 9/25/2008 Completed the per FAR 91 20  | Total Time:  NB NB NB Imments:  MOH:349.6 BPOH: 907.8 tion next due Due Next: 1/   | 7,481.3 Ho<br>S/N<br>276704-H<br>276308-R<br>3::9/30/2010<br>31/2009  | bbs Time: 1,061.3 Time Cycles 4,469.3 1,943.6  | Tach Time: (Prop Type 3AF32C515 3AF32C515  AD's were checked per   | 2.0 LG Cycles: Prop S/N Prop Time 980261 1,949.6 980308 1,949.6  Adlog system. Elt inspections  |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I  Discrepancy: 1 Problem: 9/25/2008 Completed the per FAR 91:20 Replaced the  | Total Time:  NB  IMB  IMB  IMB  IMB  IMB  IMB  IMB   | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R<br>::9/30/2010<br>31/2009<br>pection IAW the sis due 1/31/2009.<br>sis due 1/31/2009.   | bbs Time: 1,061.3  Time Cycles 4,469.3 1,943.6  ervice manual and check list. Checked the lights, replaced th  | Tach Time: (Prop Type 3AF32C515 3AF32C515 AD's were checked per time tail beacon lamps e oilet side pidt tube De   | 2.0 LG Cycles: Prop S/N Prop Time 980261 1,949.6 980308 1,949.6  Adlog system. Elt inspections and the tail nav lamp.   |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I  Problem: 9/25/2008 Completed th per FAR 91.20 Replaced the and found to b   | Total Time:  NB  NB  NB  NB  NB  NB  NB  NB  NB  N   | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R<br>:9/30/2010<br>31/2009<br>pection IAW the st<br>is due 1/31/2009<br>new Gill G-246 S <sub>2</sub><br>d the wing de-ice  | bbs Time: 1,061.3 Time Cycles 4,469.3 1,943.6  ervice manual and check list. Checked the lights, replace: N: G02343456. Replaced th  | Tach Time: Prop Type 3AF32C515 3AF32C515  AD's were checked per d the tall beacon lamps e pilot side pilot tube du grs. Tested the cable be  | Adlog system. Elt inspections and the tail nav lamp.  |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I  Discrepancy: Problem: 9/25/2008 Completed th per FAR 91.20 Replaced the and found to b 2249.3 hr. line 3 cover seals.   | Total Time:  NB NB NB NME SPOH: 907.8  BOPOH: 907.8  Total Time  e Annual Insp O7(d), battery battery with a be tight. Teste pected the fu   | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R<br>3::9/30/2010<br>31/2009<br>pection IAW the stiss due 1/31/2009<br>new Gill G-246 S/d the wing de-ice<br>el de the wing de-ice<br>1661.3 Hobbs tim  | bbs Time: 1,061.3  Time Cycles 4,469.3 1,943.6  ervice manual and check list. Checked the lights, replace: N: G02343456. Replaced the and the static and pitot heat 12004-25-16 R1. Completee. Gear was greased and recomplete.  | Tach Time: Prop Type 3AF32C515 3AF32C515  AD's were checked per did the tall beacon lamps e pilot side pitot tube du ers. Tested the cabin he the fuel float valve tests traction checked specification checked specificatio | Adlog system. Elt inspections and the tail nav lamp.  e to a leak, system was tested ater operation, Heater Hobbs: sper AD95-09-13 and replaced and the start of |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I  Discrepancy: Problem: 9/25/2008 Completed th per FAR 91.20 Replaced the and found to b 2249.3 hr. Ins, 3 cover seals, pressures and   | Total Time:  NB  | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R<br>3::9/30/2010<br>31/2009<br>pection IAW the stiss due 1/31/2009<br>new Gill G-246 S/d the wing de-ice<br>el de the wing de-ice<br>1661.3 Hobbs tim  | bbs Time: 1,061.3 Time Cycles 4,469.3 1,943.6  ervice manual and check list. Checked the lights, replace: N: G02343456. Replaced th  | Tach Time: Prop Type 3AF32C515 3AF32C515  AD's were checked per did the tall beacon lamps e pilot side pitot tube du ers. Tested the cabin he the fuel float valve tests traction checked specification checked specificatio | Adlog system. Elt inspections and the tail nav lamp.  e to a leak, system was tested ater operation, Heater Hobbs: sper AD95-09-13 and replaced and the start of |                           |                   |
| Eng# Type  1 TSI0-520 2 TSI0-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I Discrepancy: 1 Problem: 9/25/2008 Completed the per FAR 91.2t Replaced the and found to 2249.3 hr. Ins 3 cover seals. pressures and  | Total Time:  NB NB Iments: IGOH:349.6  SPOH: 907.8  tion next due Due Next: 1/1  e Annual Insi 07(d), battery battery with a be tight. Teste pected the fu Due next at d serviced the aircraft.  | 7,481.3 Ho<br>S/N<br>276704-H<br>276308-R<br>3:9/30/2010<br>31/2009<br>Dection IAW the se<br>is due 1/31/2009<br>new Gill G-246 Si<br>d the wing de-Lee<br>l regulator per AL<br>1661.3 Hobbs tim<br>thres. Serviced th   | price manual and check list. Checked the lights, replaced the state and pitch head and the state and pitch head and the state and pitch head state and state | Tach Time: (Prop Type 3AF32C515 3AF32C515  AD's were checked per the tail beacon lamps e pilot side pitot tube duers. Tested the cabin he the full float valve test etraction checked, serviced the brakes. Checked  | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested atter operation, Heater Hobbs: per AD95-09-13 and replaced ed the struts to correct the controls and lubed.   |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I Problem: 9/25/2008 Completed th per FAR 91.20 Replaced the and found to b 2249.3 hr. Ins 3 cover seals. pressures and Cleaned the a  | Total Time:  NB NB NME TOTAL  TOTAL | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R<br>2:9/30/2010<br>31/2009<br>2:9/30/2010<br>31/2009<br>2:9/30/2010<br>31/2009<br>2:9/30/2010<br>31/2009<br>2:9/30/2010<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009   | Time Cycles 4,469.3 1,943.6  ervice manual and check list. Checked the lights, replaced the order of the complete comple | AD's were checked per dithe tail beacon lamps e pilot side pitot tube du ers. Tested the cabin he the fuel float valve tests traction checked, serviced the brakes. Checked  | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested later operation, Heater Hobbs: aper AD95-09-13 and replaced ed the struts to correct the controls and lubed.  |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery ( Discrepancy: 1 Problem: 9/25/2008 Completed the per FAR 91.20 Replaced the and found to b 2249.3 hr. Ins, 3 cover seals, pressures and Cleaned the a Left Propeller Right Propelled de-ice.  | Total Time:  NB  | 7,481.3 Ho<br>S/N<br>276704-H<br>276308-R<br>2:9/30/2010<br>31/2009<br>pection IAW the st<br>is due 1/31/2009.<br>new Gill G-246 St<br>dt he wing de-ice<br>el regulator per AC<br>1661.3 Hobbs tim<br>et ires. Serviced th   | Time Cycles 4,469.3 1,943.6  ervice manual and check list. Checked the lights, replaced the order of the complete comple | AD's were checked per dithe tail beacon lamps e pilot side pitot tube du ers. Tested the cabin he the fuel float valve tests traction checked, serviced the brakes. Checked  | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested atter operation, Heater Hobbs: per AD95-09-13 and replaced ed the struts to correct the controls and lubed.   |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I Discrepancy: Problem: 9/25/2008 Completed the per FAR 91.2C Replaced the and found to b. 2249.3 hr. Insi 3 cover seals. pressures and Cleaned the a Left Propeller Right Propelle de-ice.  | Total Time:  NB NB Iments: IOH:349.6 SPOH: 907.8 Ition next due Due Next: 1/  e Annual Insi O7(d), battery battery with a be tight. Teste pected the ful Due next at d serviced the sincraft. S/N:980308 or S/N:980261   | 7,481.3 Ho<br>S/N<br>276704-H<br>276308-R<br>31/2009<br>2009<br>2009<br>2009<br>2009<br>2009<br>2009<br>2009  | price manual and check list. Checked the lights, replaced the state and pitot heat 22004-25-16 R1. Complete e. Gear was greased and re e wheel bearings and cleane or essed blades, inspected is Dressed blades, inspected.  | Tach Time: Prop Type 3AF32C515 3AF32C515  AD's were checked per of the tail beacon lamps e pilot side pitot tube duers. Tested the cabin he tail the tail th | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested alter operation, Heater Hobbs: per AD95-09-13 and replaced ed the struts to correct the controls and lubed.   |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I  Discrepancy: 9/25/2008 Completed the per FAR 91.20 Replaced the and found to b 2249.3 hr. Ins; 3 cover seals, pressures and Cleaned the a Left Propeller Right Propelle de-ice, Lett Engines S/ Completed the  | Total Time:  NB NB NME NB NME NB NME NB NME NB NME NB NME NB   | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R<br>3:9/30/2010<br>31/2009<br>pection IAW the stiss due 1/31/2009.<br>new Gill G-246 Stid the wing de-ice<br>el regulator per AE<br>1661.3 Hobbs times tires. Serviced the<br>TSPOH:907.8 hr II.<br>TSPOH:907.8 hr II.   | price manual and check list. Checked the lights, replacer N: 602343456. Replaced the and the static and pitot heat 22004-25-16 R1. Complete e. Gear was greased and re wheel bearings and cleans. Dressed blades, inspected the Dressed blades, inspected the processed blades, inspected the control of the contr | AD's were checked per dithe table bulkheads and sp   | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested ater operation, Heater Hobbs: per AD95-09-13 and replaced ed the struts to correct the controls and lubed.  ds, repaired the de-ice wires. Inner, repaired and tested the   |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I Discrepancy: Problem: 9/25/2008 Completed the per FAR 91.2t Replaced the and found to b. 2249.3 hr. Ins 3 cover seals. pressures and Cleaned the a Left Propeller Right Propelled de-ice. Left Engine S/ Completed the engine down. left mag gaske   | Total Time:  NB Inments: IOH:349.6  SPOH: 907.8  tion next due Due Next: 1/  e Annual Insi O7(d), battery battery with a be tight. Teste pected the fue Due next at d serviced the incraft.  S/N:980308 Ter S/N:980261  (N:276704-Le engine oil a Compression  | 7,481.3 Ho<br>S/N<br>276704-H<br>276308-R<br>3::9/30/2010<br>31/2009<br>pection IAW the se<br>is due 1/31/2009.<br>new Gill G-246 S/<br>d the wing de-ice<br>el regulator per AL<br>1661.3 Hobbs tim<br>e tires. Serviced th<br>TSPOH:907.8 hr I<br>TSPOH:907.8 hr<br>TSPOH:907.8 hr  | rvice manual and check list. Checked the lights, replaced the state and pitch head and the state and pitch head and the state and pitch head ewheel bearings and cleane oressed blades, inspected the pressed blades, inspected the pressed blades, inspected the cut and wear check sent 2, 3-69, 4-62, 5-78, 6-74/80.  | Tach Time: Prop Type 3AF32C515 3AF32C515 AD's were checked per the tail beacon lamps e pilot side pitot tube du ers. Tested the cabin he the full float valve test straction checked, service d the brakes. Checked he spinner and bulkhead the bulkheads and sp in. Serviced with Phillip Magnetos were adjusted the lines and sp   | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested ater operation, Heater Hobbs: a per AD95-09-13 and replaced ed the struts to correct the controls and lubed.  |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I  Problem: 9/25/2008 Completed th per FAR 91.20 Replaced the and found to b 2249.3 hr. Insi 3 cover seals, pressures and Cleaned the a Left Propeller Right Propelle de-ice, Lett Engine S/ Completed th engine down, left mag gaske the spark plug ran,   | Total Time:  NB NB NMB NME NB NME NB NME NB NME NB NME NB  | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R<br>2:9/30/2010<br>31/2009<br>2:9/30/2010<br>31/2009<br>2:9/30/2010<br>31/2009<br>2:0/30/2010<br>31/2009<br>2:0/30/2010<br>31/2009<br>2:0/30/2010<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/2009<br>31/200<br>31/200<br>31/200<br>31/200<br>31/200<br>31/200<br>31/200<br>31/200<br>31/20 | rvice manual and check list. Checked the lights, replaced the state and pitch head and the state and pitch head and the state and pitch head ewheel bearings and cleane oressed blades, inspected the pressed blades, inspected the pressed blades, inspected the cut and wear check sent 2, 3-69, 4-62, 5-78, 6-74/80.  | Tach Time: Prop Type 3AF32C515 3AF32C515 AD's were checked per the tail beacon lamps e pilot side pitot tube du ers. Tested the cabin he the full float valve test straction checked, service d the brakes. Checked he spinner and bulkhead the bulkheads and sp in. Serviced with Phillip Magnetos were adjusted the lines and sp   | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested ater operation, Heater Hobbs: per AD95-09-13 and replaced ed the struts to correct the controls and lubed.  ds, repaired the de-ice wires. Inner, repaired and tested the   |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery 10 Discrepancy: 1 Problem: 9/25/2008 Completed the per FAR 91.2t Replaced the and found to b. 2249.3 hr. Ins. 3 cover seals. pressures and Cleaned the a Left Propeller Right Propelle de-ice. Left Engine S/ Completed the engine down. left mag gaske the spark plug ran. Right Engine S   | Total Time:  NB Inments: InOH:349.6  SPOH: 907.8  tion next due Due Next: 1/  e Annual Insi 07(d), battery battery with a be tight. Teste pected the fue Due next at d serviced the sircraft.  S/N:980308 Ter S/N:980261  (N:276704-L e engine oil a Compression et due to leak pand rotated   | 7,481.3 Ho<br>S/N<br>276704-H<br>276308-R<br>3:9/30/2010<br>31/2009<br>Dection IAW the se<br>is due 1/31/2009<br>new Gill G-246 S/d<br>the wing de-ice<br>le regulator per AL<br>1661.3 Hobbs tim<br>the tires. Serviced the<br>TSPOH:907.8 hr<br>TSPOH:907.8 hr<br>T   | price manual and check list.  Checked the lights, replaced the standard pitch heart and pitch heart were wheel bearings and cleans.  Oressed blades, inspected the present blades and leak checked blades an | Tach Time: Prop Type 3AF32C515 3AF32C515 AD's were checked per of the tail beacon lamps e pilot side pitot tube duers. Tested the cabin he the fuel float valve test etraction checked, serviced the brakes. Checked he spinner and bulkheard the bulkheads and spinner and bulkheard the bulkheads and spinner and bulkheard the lines and hoses, and pressure test per A   | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested atter operation, Heater Hobbs: a per AD95-09-13 and replaced ed the struts to correct the controls and lubed. dis, repaired the de-ice wires. Inner, repaired and tested the discovered the struts to correct the controls and lubed. dis, repaired the de-ice wires. Inner, repaired and tested the serviced the air filter. Serviced D2000-01-16. Engine was test   |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery !  Problem: 9/25/2008 Completed the per FAR 91 20 Replaced the and found to b 2249.3 hr. Ins 3 cover seals. pressures and Cleaned the and the propeller Right Propeller Right Propeller de-ice. Left Engine S/ Completed the engine down. left mag gaske the spark plug ran. Right Engine to  | Total Time:  NB NB NB NME NB NME NB NME NB NME NB NME NB   | 7,481.3 Ho<br>S/N<br>276704-H<br>278308-R<br>278308-R<br>278308-R<br>3::9/30/2010<br>31/2009<br>2009<br>2010<br>2010<br>2010<br>2010<br>2010<br>2010  | rvice manual and check list. Checked the lights, replaced the state and pitch heat 202004-25-16 R1. Complete e. Gear was greased and re e wheel bearings and cleane or essed blades, inspected the Dressed blades, inspected the cut and wear check sent 2, 3-69, 4-62, 5-78, 6-74/80, uel screens and leak check exhaust system inspections   | Tach Time: Prop Type 3AF32C515 3AF32C515 3AF32C515  AD's were checked per dithe tail beacon lamps e pilot side pitot tube du ers. Tested the cabin he to the tail float valve test straction checked, serviced the brakes. Checked he spinner and bulkhead dithe bulkheads and spinner and bulkhead and spinner and bulkheads and spinner and bulkhead and spinner an | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested ater operation, Heater Hobbs: per AD95-09-13 and replaced ed the struts to correct the controls and lubed.  Is, repaired the de-ice wires. Inner, repaired and tested the struts to correct the controls and lubed.  Is, repaired the de-ice wires. Inner, repaired and tested the Serviced the air filter. Serviced D2000-01-16. Engine was test   |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I Discrepancy: 1 Problem: 9/25/2008 Completed the and found to 2249.3 hr. Ins 3 cover seals. pressures and Cleaned the a Left Propeller Right Propelle de-ice. Left Engine S/ Completed the engine down. left mag gaske the spark plug ran. Right Engine S Completed the engine down. spark plug ar engine down. spark plugs ar engine down. spark plugs ar engine down. spark plugs ar engine down.   | Total Time:  NB Iments: IMOH:349.6  SPOH: 907.8  tion next due Due Next: 1/  1  e Annual Insp 07(d), battery battery with a be tight. Teste pected the fu Due next at d serviced the sircraft.  S/N:980308 Ter S/N:980308 Ter S/N:980308 Ter S/N:276704-L e engine oll a Compression et due to leak as and rotated S/N:278308-F e engine oll a Compression of ordered. Se  | 7,481.3 Ho<br>S/N<br>276704-H<br>276308-R<br>3:9/30/2010<br>31/2009<br>Dection IAW the se<br>is due 1/31/2009.<br>new Gill G-246 Si<br>d the wing de-Lee<br>el regulator per AL<br>1661.3 Hobbs tim<br>the tires. Serviced th<br>TSPOH:907.8 hr II.<br>TSPOH:907.8 hr III.<br>TSPOH:907.8 hr III.<br>TSPOH:907  | price manual and check list.  A 4,69.3 1,943.6  Price manual and check list. Checked the lights, replaced the static and pitch heat and the static and pitch heat 12004-25-16 R1. Completer. Gear was greased and rewined bearings and cleaner of the static and pitch heat 12004-25-16 R1. Completer. Dressed blades, inspected the Dressed blades, inspected the pressed blades and leak checked the press | Tach Time: Prop Type 3AF32C515 3AF32C515 3AF32C515  AD's were checked per of the tail beacon lamps e pilot side pitot tube duers. Tested the cabin he tail the fuel float valve tests etraction checked, serviced the brakes. Checked he spinner and bulkheard the bulkheads and spinner and bulkheard the bulkheads and spinner and bulkheard the lines and hoses, and pressure test per A in. Serviced with Phillipp Magnetos were adjusted in. Serviced with Phillipp Magnetos were adjusted the lines and hoses.   | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested alter operation, Heater Hobbs: a per AD95-09-13 and replaced ed the struts to correct the controls and lubed.  Is, repaired the de-ice wires. Inner, repaired and tested the struts to correct the controls and lubed.  Is, repaired the de-ice wires. Inner, repaired and tested the serviced the air filter. Serviced D2000-01-16. Engine was test  |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSM Propellers TS IFR Certificat ELT Battery I Discrepancy: 1 Problem: 9/25/2008 Completed the and found to 2249.3 hr. Ins 3 cover seals. pressures and Cleaned the a Left Propeller Right Propelle de-ice. Left Engine S/ Completed the engine down. left mag gaske the spark plug ran. Right Engine S Completed the engine down. spark plug ar engine down. spark plugs ar engine down. spark plugs ar engine down. spark plugs ar engine down.   | Total Time:  NB Iments: IMOH:349.6  SPOH: 907.8  tion next due Due Next: 1/  1  e Annual Insp 07(d), battery battery with a be tight. Teste pected the fu Due next at d serviced the sircraft.  S/N:980308 Ter S/N:980308 Ter S/N:980308 Ter S/N:276704-L e engine oll a Compression et due to leak as and rotated S/N:278308-F e engine oll a Compression of ordered. Se  | 7,481.3 Ho<br>S/N<br>276704-H<br>276308-R<br>3:9/30/2010<br>31/2009<br>Dection IAW the se<br>is due 1/31/2009.<br>new Gill G-246 Si<br>d the wing de-Lee<br>el regulator per AL<br>1661.3 Hobbs tim<br>the tires. Serviced th<br>TSPOH:907.8 hr II.<br>TSPOH:907.8 hr III.<br>TSPOH:907.8 hr III.<br>TSPOH:907  | rvice manual and check list. Checked the lights, replaced the state and pitot heat of the was greased and ree wheel bearings and cleane or esset blades, inspected the Dressed blades, inspected the cut and wear check sent 2, 3-69, 4-62, 5-78, 6-74/80, uel screens and leak check exhaust system inspections   | Tach Time: Prop Type 3AF32C515 3AF32C515 3AF32C515  AD's were checked per of the tail beacon lamps e pilot side pitot tube duers. Tested the cabin he tail the fuel float valve tests etraction checked, serviced the brakes. Checked he spinner and bulkheard the bulkheads and spinner and bulkheard the bulkheads and spinner and bulkheard the lines and hoses, and pressure test per A in. Serviced with Phillipp Magnetos were adjusted in. Serviced with Phillipp Magnetos were adjusted the lines and hoses.   | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested alter operation, Heater Hobbs: a per AD95-09-13 and replaced ed the struts to correct the controls and lubed.  Is, repaired the de-ice wires. Inner, repaired and tested the struts to correct the controls and lubed.  Is, repaired the de-ice wires. Inner, repaired and tested the serviced the air filter. Serviced D2000-01-16. Engine was test  |                           |                   |
| Eng# Type  1 TSIO-520 2 TSIO-520 Aircraft Com Engines TSI Propellers TS IFR Certificat ELT Battery I Discrepancy: 1 Problem: 9/25/2008 Completed the and found to b 2249.3 hr. Ins, 3 cover seals, pressures and Cleaned the a Left Propeller Right Propelle de-ice. Left Engine S/ Completed the engine down, left mag gaske the spark plug ran. Right Engine t Completed the engine down, left mag gaske the spark plug ran. Right Engine t Completed the engine down, spark plugs ar Exhaust system  | Total Time:  NB NB NB NMENTS:  MOH:349.6  SPOH: 907.8  tion next due Due Next: 1/  1  e Annual Insi 07(d), battery battery with a be tight. Teste pected the fur Due next at d serviced the aircraft.  S/N:980308 i er S/N:980261  (N:276704-L e engine oil a Compression et due to leak and rotated  S/N:278308-F e engine oil a Compression of ortated. Ser m inspection   | 7,481.3 Ho<br>S/N<br>276704-H<br>276308-R<br>31/2009<br>20 cection IAW the set<br>is due 1/31/2009<br>20 cection IAW the set<br>is due 1/31/2009<br>21 ceet of the set<br>is due 1/31/2009<br>21 ceet of the set<br>is due 1/31/2009<br>22 ceet of the set<br>is due 1/31/2009<br>23 ceet of the set<br>is due 1/31/2009<br>24 ceet of the set<br>is due 1/31/2009<br>25 ceet of the set<br>is were 1-76, 2-7/<br>25 ceet of the set<br>is were 1-73, 2-7/<br>25 ceet of the set  | price manual and check list.  A 4,69.3 1,943.6  Price manual and check list. Checked the lights, replaced the static and pitot heat 2004-25-16 R1. Complete e. Gear was greased and rewind the static and pitot heat price wheel bearings and clean pressed blades, inspected the pressed blades, inspected the pressed blades, inspected the pressed blades in  | Tach Time: Prop Type 3AF32C515 3AF32C515 3AF32C515  AD's were checked per of the tail beacon lamps e pilot side pitot tube duers. Tested the cabin he the fuel float valve test straction checked, serviced the brakes. Checked he spinner and bulkheard the bulkheards and spilot.  In. Serviced with Phillipp Magnetos were adjusted the lines and hoses, and pressure test per A in. Serviced with Phillipp Magnetos were adjusted the lines and hoses. Serviced the was test ran.  | Adlog system. Elt inspections and the tail nav lamp. e to a leak, system was tested atter operation, Heater Hobbs: uper AD95-09-13 and replaced ed the struts to correct the controls and lubed.  Is, repaired the de-ice wires. Inner, repaired and tested the struts of the controls and lubed.  Is, repaired the de-ice wires. Inner, repaired and tested the serviced the affilter. Serviced D2000-01-16. Engine was test at 20/50 XC oil. Cleaned the d to 21 degrees, Serviced the d to 21 degrees. Serviced the e air filter. Completed the  |                           |                   |
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Page No. TOTAL TOTAL TACH OR RECORDING TIME DATE DESCRIPTION OF WORK PERFORMED-SINCE METER SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK SERVICE OVERHAUL TIME TOTAL OF THE STATE Flight 1 Aviation Maintenance LLC Date: February 18, 2010 Registration: N414LA Hobbs: 1100.9 TSMOH: 389.2 LH engine model: TSIO-520-NB S/N: 276704-H Drained oil, removed filter, cut and inspected filter with no defects noted. Installed new filter P/N AA48108-2 and filled sump with 10 quarts of Phillips 20W50 XC oil. Lubricated all engine controls. Inspected intake and exhaust systems. Removed spark plugs, cleaned, gapped, reinstalled and torqued to specs. Ground run and leak check performed satisfactory. This engine has been returned to service at this time for the maintenance performed. Brad Palet **Brad Roberts** 2695590 A&P Flight 1 Aviation Maintenance LLC Registration: N414LA Date: February 18, 2010 TSMOH: 389.2 Hobbs: 1100.9 S/N: 276704-H LH engine model: TSIO-520-NB Inspected engine IAW FAR 43 Appendix D annual inspection. Performed hot compression check: (1) 73 (2) 71 (3) 68 (4) 62 (5) 65 (6) 72. Inspected magnetos and checked timing. Ground run and leak check performed satisfactory. I certify this engine has been inspected IAW FAR 43 Appendix D annual inspection and has been returned to service at this time. oel K. Lusky 2580319 A&P/IA SUB-TOTALS this page

|                         | TOTAL<br>TIME<br>IN  | TOTAL<br>TIME<br>SINCE   | TACH OR<br>RECORDING<br>METER<br>TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK  |
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|                         |  |  |                                       |   |
|                         |  |  |                                       | Flight 1 Aviation Maintenance LLC   |
| Date                    | e: March 1, 20   | 10   |                                       | Pogletzati  |
|                         | ngine  |  |                                       | Registration: N414LA<br>Hobbs: 1110.7   |
| Rem                     | office ok. Tills   | cut and inspenses and inspense | ected filter with<br>been returned to | no defects noted. Installed new filter – P/N AA 48108-2. Ground run and leak check o service at this time for the maintenance performed.                |
|                         | Roberts<br>590 A&P   |  |                                       |   |
|                         |  |  |                                       |   |
|                         |  | THE WAY  | BAN STATE                             |   |
|                         |  |  | Flig                                  | ht 1 Aviation Maintenance LLC   |
|                         | 7 2010   |  |                                       | Posictration: NA1ALA  |
| ate: July<br>Hengine    | 7, 2010  |  |                                       | Registration: N414LA<br>Hobbs: 1164.5   |
| or the mai              | filled sump wit<br>intenance perf<br>Contreras   | h 10 quarts o  |                                       | th no defects noted. Installed new filter – P/N AA48108-2 – torqued and DXC oil. Ground run and leak check ok. This engine has been returned to service |
| or the mai              | filled sump wit<br>intenance perf<br>Contreras   | h 10 quarts o  | of Phillips 20W50                     | OXC oil. Ground run and leak check ok. This engine has been returned to service   |
| or the mai              | filled sump wit<br>intenance perf<br>Contreras   | h 10 quarts o  | of Phillips 20W50                     |   |
| ernando (043074 A       | filled sump wit<br>intenance perf<br>Contreras   | h 10 quarts o  | of Phillips 20W50                     | OXC oil. Ground run and leak check ok. This engine has been returned to service   |
| Da Ho                   | ate: Oct. 7 201 bbbs: 1188.2 ben cowlings of spection no derad Roberts   | h 10 quarts of formed.   | of Phillips 20W50                     | Flight 1 Aviation Maintenance LLC  Registration: N414LA  ccess inspect complete exhaust system IAW AD 2000-01-16 par (b) per 50 hr                      |
| Da Ho                   | contreras  April 2012  April 2 | h 10 quarts of formed.   | of Phillips 20W50                     | Flight 1 Aviation Maintenance LLC  Registration: N414LA  ccess inspect complete exhaust system IAW AD 2000-01-16 par (b) per 50 hr                      |
| Da Ho                   | ate: Oct. 7 201 bbbs: 1188.2 ben cowlings of spection no derad Roberts   | h 10 quarts of formed.   | of Phillips 20W50                     | Flight 1 Aviation Maintenance LLC  Registration: N414LA  ccess inspect complete exhaust system IAW AD 2000-01-16 par (b) per 50 hr                      |
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| DATE | userlinstaller<br>userlinstaller<br>pecified in Blo<br>pecified in Blo<br>pecified in Blo<br>TIME<br>IN<br>SERVICE | TIME<br>SINCE<br>OVERHAUL  | RECORDING<br>METER<br>TIME  | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
|      |  |  | A A STATE OF  | TOTALS brought forward from previous page  |
|      |  |  |   | Flight 1 Aviation Maintenance LLC  Date: November 1 2010 Registration: N414LA  Hobbs: 1198.0   |
|      |  |  |   | Replaced defective alternator with P/N PRS AVL -9510. Run up operations check charging system, operates normally. Aircraft returned to service for work performed.   |
|      |  |  |   | Brad Roberts 2695590 A&P   |
|      |  |  |   | Flight 1 Aviation Maintenance LLC  |
|      | Date: Marc<br>Hobbs: 116   |  |   | Registration: N414LA<br>L/H TSMOH: 452.8   |
|      | Remove, clo<br>filter, cut of<br>Phillips 20V<br>washers P/I<br>engine mou<br>baffling, en                         | ean, inspect, pen, no abnor<br>V50 oil. Remo<br>N 640612, and<br>Int and isolate<br>gine wiring, a   | test and replace<br>rmalities noted<br>ove fuel nozzle<br>d compression<br>ors. Inspect fu<br>nd electrical co                  | ession check #1. 74/80 #2. 78/80 #3. 77/80 #4. 77/80 #5. 78/80 #6. 78/80. te all spark plugs with P/N Tempest URHB 32E and torque. Drain engine oil, remove d. Installed new filter P/N CH48108. Torque and safety. Service engine with 12 qts of its for cleaning and inspection. Reinstall with new O rings P/N 630979-9, rubber   |
|      | Remove, cle<br>filter, cut of<br>Phillips 20V<br>washers P/I<br>engine mou<br>baffling, end<br>due 50 hrs.         | ean, inspect, to pen, no abnormal pen, and interest and isolated gine wiring, and all work was appeared to the pen, and and appeared to the pen, and appeared to the p | test and replace<br>rmalities noted<br>ove fuel nozzle<br>d compression<br>ors. Inspect fu<br>nd electrical co                  | ession check #1. 74/80 #2. 78/80 #3. 77/80 #4. 77/80 #5. 78/80 #6. 78/80. The all spark plugs with P/N Tempest URHB 32E and torque. Drain engine oil, remove destinated new filter P/N CH48108. Torque and safety. Service engine with 12 qts of the story o |
|      | Remove, cle<br>filter, cut of<br>Phillips 20V<br>washers P/I<br>engine mou<br>baffling, end<br>due 50 hrs.         | ean, inspect, to pen, no abnormal pen, and interest and isolated gine wiring, and all work was appeared to the pen, and and appeared to the pen, and appeared to the p | test and replace<br>rmalities noted<br>ove fuel nozzle<br>d compression<br>ors. Inspect fu<br>and electrical co<br>done IAW Con | ession check #1. 74/80 #2. 78/80 #3. 77/80 #4. 77/80 #5. 78/80 #6. 78/80. The all spark plugs with P/N Tempest URHB 32E and torque. Drain engine oil, remove destinated new filter P/N CH48108. Torque and safety. Service engine with 12 qts of the story o |
|      | Remove, cle<br>filter, cut of<br>Phillips 20V<br>washers P/I<br>engine mou<br>baffling, end<br>due 50 hrs.         | ean, inspect, to pen, no abnormal pen, and interest and isolated gine wiring, and all work was appeared to the pen, and and appeared to the pen, and appeared to the p | test and replace<br>rmalities noted<br>ove fuel nozzle<br>d compression<br>ors. Inspect fu<br>and electrical co<br>done IAW Con | ession check #1. 74/80 #2. 78/80 #3. 77/80 #4. 77/80 #5. 78/80 #6. 78/80. The all spark plugs with P/N Tempest URHB 32E and torque. Drain engine oil, remove definition of the state of the |

Flight 1 Aviation Maintenance LLC

Date: October 14, 2011

Hobbs: 1228.3

Registration: N414LA

Flight 1 Aviation Maintenance LLC

Un Cowl engine LH, drained oil and removed filter. Cut filter open no Abnormalities noted. Installed new filter P/N AA48108-2 torque and safety. Hobbs: 1271.8 Service engine with 10qts. of Phillips XC 20w50 oil. Ground run, leak check good. C/W AD 2000-01-16 per par.D 50hr inspection interval. No defects noted at this time. Par (D) due again 50hrs TIS. Cowled Engine, return to service this date.

Date: April 19, 2012

Registration: N414LA L/H TSMOH: 560.1

Disassemble exhaust system and replace clamps w/ new p/n 2274-50, 2274-60 and 2274-70. Reinstall and torque clamps as required. Remove prop governor for repairs ( see 8130), re install w/ new gaskets and adjust rigging as required . Adjust metered and unmetered fuel pressure, idle mixture, idle speed, max RPM and fuel flow to RAM specs for engine installation.

James P. Trexler 266941553 A&P

Brad Robert

Flight 1 Aviation Maintenance LLC

Date: April 19, 2012

Registration: N414LA Hobbs: 1271.8 L/H TSMOH: 560.1 Un cowl left engine. Performed compression check #1. 71/80 #2. 72/80 #3. 78/80 #4. 71/80 #5. 76/80 #6. 74/80. Remove, clean, inspect, gap and test all spark plugs, reinstall and torque. Drain engine oil, remove filter, cut open, no abnormalities noted. Installed new filter P/N CH48108. Torque and safety. Service engine with 12 qts of Phillips 20W50

oil. Remove fuel nozzles for cleaning and inspection. Reinstall with new O rings P/N 630979-9, rubber washers P/N 640612, and compression seals P/N 633958-3. Check engine to magneto timing per engine data plate. Inspect engine mount and isolators. Inspect fuel and oil lines. Inspect oil cooler, exhaust, and induction systems. Inspect engine baffling, engine wiring, and electrical components in engine compartment All work was done IAW Continental service manual and current FARs. Ground run, leak check satisfactory. This engine has been inspected IAW FAR Part 43 App. D as an Annual Inspection and found to be in an airworthy condition at this time. All pertinent AD's were researched through

Triton this date.

Rod Kalent

**Brad Roberts** 

2695590 IA

Reg: N414LA Mod: C-414A Hobbs: 1314.6 Smoh: 602.9

Left Engine: TCM Mod: TSIO 520-NB S/N: 276704-H

Drained oil, opened and Insp. old oil filter-No metal noted. Installed new CH48108-1 oil filter, Re-filled with 11Qts. Aeroshell W100 oil. Engine washed, run, and checked for leaks.

Rick Gardner AP 3146802 IA Sec & 108/07/2012

SUB-TOTALS this page

#### MIDSUUTTUE CORPORATION

536 Airport Road Greenwood Mississippi 38930 662-392-2844

Cessna 414A, s/n 414A-0077, N414LA

Left Engine: Continental TSIO-520NB, s/n 276704H.

10/25/2012. Hobbs: 1350.8. TSMOH: 638.8. Drained oil, Removed and inspected oil filter for any contamination. None found. Installed new CH48108 oil filter. Serviced engine with 12 qts Aeroshell 100 Plus oil. C/W AD 2000-01-16, Par. (b), visual inspection of exhaust system. No defects were found. N414LA-12-LE1.

Harold N Dickey - A&P1634955

## MIDSOUTHJET CORPORATION

536 Airport Road Greenwood Mississippi 38930 662-392-2844

Cessna 414A, s/n 414A-0077, N414LA.

Left Engine: Continental TSIO-520NB, s/n 276704H.

11/12/2012. Hobbs: 1387.0. TSMOH: 675.0. Drained oil. Removed and inspected oil filter for any contamination. None found. Installed new CH48108 oil filter. Serviced engine with 12 qts Aeroshell 100 Plus oil. C/W AD 2000-01-16, Par. (b), visual inspection of exhaust system. No defects were found. Lubed wastegate. N414LA-12-LE2.

Harold N Dickey - A&P1634955

| BEVAN RABELL INC.   | 1880 S AIRPORT ROAD  | WICHITA, KS 67209 | CRS KG2R951 |
|---------------------|----------------------|-------------------|-------------|
| LOG ID# 5462 15-Dec | ember-2012 WO# 52444 | HOBBS 1398.9      |             |

S/N 414A0077 CESSNA 414A N414LA

LIH ENG.

Pg 1/1

INSTALLED ON L/H ENGINE 6 NEW CYLINDER ASSEMBLIES P/N TISN71.4BCA, 6 NEW PISTON PINS P/N SA630046 AND ALL NEW LIFTERS P/N'S SA646277 & SA628488, SERVICED ENGINE WITH X/C 20W50 OIL, PERFORMED GROUND BREAK-IN RUNS OPS NORMAL. WORK WAS PERFORMED IAW CONTINENTAL TSIO-520 PERMOLD SERIES OVERHAUL MANUAL. THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED, PERIINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Parker 12-15-2012 Russell

Charsed a, 1 & F. Her - Installed new 48108 1-20-13 1417,0 filter & serviced w 12 gts Obroshell 100 Plos. Cet open filter no debris - grown ren. AMBE 12-20-13

SUB-TOTALS this page

SUB-TOTALS this page

| DATE | TOTAL<br>TIME<br>IN<br>SERVICE  | TOTAL<br>TIME<br>SINCE<br>OVERHAUL   | TACH OR<br>RECORDING<br>METER<br>TIME  | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK  |
|------|---|--|--|--|
|      |   |  | MIC  | DSOUTHJET CORPORATION  |
|      |   |  |  | 536 Airport Road   |
|      |   |  |  | Greenwood Mississippi 38930<br>662-392-2844  |
| -    | Canana 4444   |  | 100000000000000000000000000000000000000  | 002-002-2014   |
|      | Cessna 414A,  | S/n 414A-0077,<br>Continental TSI  | <u>N414LA.</u><br>O-520NB, s/n 27  | S704H  |
|      | 10/10/2013. Ho  | obbs: 1513.1. D  | rained oil. Remo   | ved and inspected oil filter for any contamination. None found.  |
|      | 2000-01-16, Pa<br>As pertains to w  | H48108 oil filter<br>r. (b), visual ins  | <ul> <li>Serviced engine<br/>pection of exhaus</li> </ul>  | e with 10 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD t system. No defects were found. Lubed wastegate. N414LA-13-LE4. Deen inspected, found to be in an airworthy condition and is approved for return to   |
|      | service.  |  |  | Arkaln Til   |
|      |   |  |  | Harold n Dickey - A&P1634955   |
|      |   |  |  |  |
|      |   |  | M  | IDSOUTHJET CORPORATION   |
|      |   |  |  | 536 Airport Road<br>Greenwood Mississippi 38930  |
|      |   |  |  | 662-392-2844   |
|      | Left Engine:  | A, s/n 414A-007<br>Continental T   | SIO-520NB, s/n 2   | 276704H.   |
|      | Left Engine:<br>12/13/2013. I<br>Installed new<br>2000-01-16. F   | Continental T<br>Hobbs: 1543.8.<br>CH48108 oil filt  | SIO-520NB, s/n 2<br>Drained oil. Ren<br>ter. Serviced enginespection of exhal  | 2.76704H.  noved and inspected oil filter for any contamination. None found.  ine with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD  ust system. No defects were found. Lubed wastegate. N414LA-13-LE5.  is been inspected, found to be in an airworthy condition and is approved for return to  |
|      | Left Engine:<br>12/13/2013. I<br>Installed new<br>2000-01-16, F<br>As pertains to   | Continental T<br>Hobbs: 1543.8.<br>CH48108 oil filt  | SIO-520NB, s/n 2<br>Drained oil. Ren<br>ter. Serviced enginespection of exhal  | noved and inspected oil filter for any contamination. None found. ine with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD ust system. No defects were found. Lubed wastegate. N414LA-13-LE5.   |
|      | Left Engine:<br>12/13/2013. I<br>Installed new<br>2000-01-16, F<br>As pertains to   | Continental T<br>Hobbs: 1543.8.<br>CH48108 oil filt  | SIO-520NB, s/n 2<br>Drained oil. Ren<br>ter. Serviced enginespection of exhal  | noved and inspected oil filter for any contamination. None found. ine with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD just system. No defects were found. Lubed wastegate. N414LA-13-LE5. Is been inspected, found to be in an airworthy condition and is approved for return to the state of t |
|      | Left Engine:<br>12/13/2013. I<br>Installed new<br>2000-01-16, F<br>As pertains to   | Continental T<br>Hobbs: 1543.8.<br>CH48108 oil filt  | SIO-520NB, s/n 2<br>Drained oil. Ren<br>ter. Serviced enginespection of exhal  | noved and inspected oil filter for any contamination. None found. ine with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD just system. No defects were found. Lubed wastegate. N414LA-13-LE5. Is been inspected, found to be in an airworthy condition and is approved for return to the state of t |
|      | Left Engine:<br>12/13/2013. I<br>Installed new<br>2000-01-16, F<br>As pertains to   | Continental T<br>Hobbs: 1543.8.<br>CH48108 oil filt  | SIO-520NB, s/n 2 Drained oil. Renter. Serviced enginspection of exhaud, this Engine has  | noved and inspected oil filter for any contamination. None found. ine with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD ust system. No defects were found. Lubed wastegate. N414LA-13-LE5. is been inspected, found to be in an airworthy condition and is approved for return to Harold n Dickey - A&P1634955  SOUTHJET CORPORATION   |
|      | Left Engine:<br>12/13/2013. I<br>Installed new<br>2000-01-16, F<br>As pertains to   | Continental T<br>Hobbs: 1543.8.<br>CH48108 oil filt  | SIO-520NB, s/n 2 Drained oil. Renter. Serviced enginspection of exhaud, this Engine has  | noved and inspected oil filter for any contamination. None found. ine with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD ust system. No defects were found. Lubed wastegate. N414LA-13-LE5. is been inspected, found to be in an airworthy condition and is approved for return to Harold n Dickey - A&P1634955  SOUTHJET CORPORATION 536 Airport Road  |
|      | Left Engine:<br>12/13/2013. I<br>Installed new<br>2000-01-16, F<br>As pertains to   | Continental T<br>Hobbs: 1543.8.<br>CH48108 oil filt  | SIO-520NB, s/n 2 Drained oil. Renter. Serviced enginspection of exhaud, this Engine has  | noved and inspected oil filter for any contamination. None found. ine with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD ust system. No defects were found. Lubed wastegate. N414LA-13-LE5. is been inspected, found to be in an airworthy condition and is approved for return to Harold n Dickey - A&P1634955  SOUTHJET CORPORATION   |
|      | Left Engine: 12/13/2013. Installed new 2000-01-16, F As pertains to service.  | Continental T Hobbs: 1543.8. CH48108 oil fill Par. (b), visual in work performed   | SIO-520NB, s/n 2 Drained oil. Renter. Serviced enginspection of exhaud, this Engine has   MID  N414LA. D-520NB s/n 276                                     | noved and inspected oil filter for any contamination. None found. ine with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD just system. No defects were found. Lubed wastegate. N414LA-13-LE5. Is been inspected, found to be in an airworthy condition and is approved for return to Harold n Dickey - A&P1634955  SOUTHJET CORPORATION  536 Airport Road  Greenwood Mississippi 38930 662-392-2844  |
|      | Left Engine: 12/13/2013. Installed new 2000-01-16, F As pertains to service.  Cessna 414A, s Left Engine: Cc 2/25/2014. Hobblinstalled new CH                                     | Continental T Hobbs: 1543.8. CH48108 oil fill Par. (b), visual in work performed work performed  in 414A-0077, continental TSIC bs: 1566.9. Dra 148108 oil filter. | SIO-520NB, s/n 2 Drained oil. Renter. Serviced enginespection of exhaud, this Engine has   MID  M414LA. D-520NB, s/n 276 sined oil. Remove Serviced engine | south Jet Corporation  |
|      | Left Engine: 12/13/2013. Installed new 2000-01-16, F As pertains to service.  Cessna 414A, s Left Engine: Cc 2/25/2014. Hobblinstalled new CH                                     | Continental T Hobbs: 1543.8. CH48108 oil fill Par. (b), visual in work performed work performed  in 414A-0077, continental TSIC bs: 1566.9. Dra 148108 oil filter. | SIO-520NB, s/n 2 Drained oil. Renter. Serviced enginespection of exhaud, this Engine has   MID  M414LA. D-520NB, s/n 276 sined oil. Remove Serviced engine | SOUTHJET CORPORATION  536 Airport Road Greenwood Mississippi 38930 662-392-2844  TO4H.  d and inspected oil filter for any contamination. None found.  with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD  Harold n Dickey - A&P1634955  SOUTHJET CORPORATION  536 Airport Road Greenwood Mississippi 38930 662-392-2844  TO4H.  d and inspected oil filter for any contamination. None found.  with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD  western No defects were found. Lubed wastegate. N414LA-14-LE1.   |
|      | Left Engine: 12/13/2013. Installed new 2000-01-16, F As pertains to service.  Cessna 414A, s Left Engine: Cc 2/25/2014. Hobbl Installed new CH 2000-01-16, Par. As pertains to wo | Continental T Hobbs: 1543.8. CH48108 oil fill Par. (b), visual in work performed work performed  in 414A-0077, continental TSIC bs: 1566.9. Dra 148108 oil filter. | SIO-520NB, s/n 2 Drained oil. Renter. Serviced enginespection of exhaud, this Engine has   MID  M414LA. D-520NB, s/n 276 sined oil. Remove Serviced engine | SOUTHJET CORPORATION  536 Airport Road Greenwood Mississippi 38930 662-392-2844  704H. d and inspected oil filter for any contamination. None found. with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD Harold n Dickey - A&P1634955  SOUTHJET CORPORATION  536 Airport Road Greenwood Mississippi 38930 662-392-2844  704H. d and inspected oil filter for any contamination. None found. with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD system. No defects were found. Lubed wastegate. N414LA-14-LE1. een inspected, found to be in an airworthy condition and is approved for return to  |

#### MIDSOUTHJET CORPORATION

536 Airport Road Greenwood Mississippi 38930 662-392-2844

Left Engine: TCM TSIO-520-NB, s/n 276704-H. Cessna 414A, N414LA.

7/21/2104. Hobbs: 1587.3. ACTT: 8007.3 ETT: 4995.3 TSMOH: 875.6 Engine inspection completed using Inspection Forms, Cessna 414A Service Manual. Compression: #1- 74/80, #2- 70/80, #3- 78/80, #4- 76/80, #5- 77/80, #6- 70/80. Drained oil. Removed oil filter and inspected for metal contamination. None found. Installed new CH48108 oil filter. Serviced engine with 11 Qts Aeroshell 100W Plus oil. Inspected and cleaned fuel nozzles. Inspected magnetos and adjusted timing as required. Spark plugs were inspected, cleaned and regapped as required. Lubed wastegate. Engine and cowl cleaned. See Airworthiness Directive Compliance Record for history, current status and due times of recurring AD's. Completed all other items of inspection and routine maintenance as required. N414LA-14-LE2.

I certify this Engine has been inspected in accordance with a 100 Hour Inspection and was found to be in an airworthy condition.

Harold N Dickey - A&P1634955/1A)

### **MIDSOUTHJET CORPORATION**

536 Airport Road Greenwood Mississippi 38930 662-392-2844

Cessna 414A, s/n 414A-0077, N414LA. Left Engine: Continental TSIO-520NB, s/n 276704H.

2/20/2015. Hobbs: 1620.5. Drained oil. Removed and inspected oil filter for any contamination. None found. Installed new CH48108 oil filter. Serviced engine with 11 qts Aeroshell 100 Plus oil. Collected oil sample for analysis. C/W AD 2000-01-16. Par. (b), visual inspection of exhaust system. No defects were found. Lubed wastegate. Installed new Slick 6320, s/n 14101468 in LERM position. N414LA-15-LE1.

As pertains to work performed, this <u>Engine</u> has been inspected, found to be in an airworthy condition and is approved for return to service.

Harold n Dickey - A&P1634955

PlaneSmart Aircraft Services, LLC 1027 Airport Terminal Rd. Cleveland, MS 38732 662-843-7960

7-30-2015

N414LA

Hobbs: 1640.9

LH ENGINE SMOH: 929.2

Compression test: 1) 64, 2)64, 3)78, 4)76, 5)72, 6) 74. Oil filter replaced with new. Removed filter inspected for contamination-none visible. Oil drained and filled with Aeroshell W100 PLUS. See oil analysis results attached. Spark plugs cleaned, gapped, rotated and reinstalled. Magneto timing checked within limits. Air filter inspected and reinstalled. Engine ground run and leak checked-none noted. Waste gate pivot points lubricated. C/W AD 2000-01-16 by inspection IAW paragraphs b, c, d, e, next inspection due @ 1690. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Donald S Brown AP3447927

SUB-TOTALS this page

| DATE                   | TOTAL<br>TIME<br>IN<br>SERVICE | TOTAL<br>TIME<br>SINCE<br>OVERHAUL | TACH OR<br>RECORDING<br>METER<br>TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK       |
|------------------------|--------------------------------|------------------------------------|---------------------------------------|--|
|                        |                                |                                    |                                       | TOTALS brought forward from previous page  |
|                        |                                |                                    |                                       | August 9, 2016   |
|                        | Vest Avia                      |                                    |                                       | S/N: 414A0077 Hobbs: 1723.1  |
| N414                   | Engine                         | Cessna 41                          | 0-520-NB                              | S/N: 276209-H TSMOH: 1012.3  |
| Cerr                   |                                |                                    |                                       |  |
|                        | Complied                       | with Annual I                      | inspection IAV                        | V FAR 43 appendix D and Lycoming M.M   |
|                        | NAC -1 I                       |                                    | A b b fam !                           | um pump lines.   |
|                        | Complied                       | engine and rar                     | 0-01-16 Exha                          | leaks, none found.<br>oust Inspection IAW Figure 1 of Docket No. 97-CE-67-AD (b) (c) & (e) |
| -                      | A san as as also               | + 20 11514                         | No dofacte for                        | und at this time.  |
|                        | Left eng                       | ine cylinders #                    | #2, #4, #6 ins                        | talled new ring sets, P/N CN110, and seals, P/N AEC520T15.                                 |
| 1.0                    | ::                             | is Engine ha                       | s boon insne                          | ected IAW an annual inspection and was determined to be in an                              |
| - rcer                 | orthy cond                     |                                    |                                       |  |
|                        | Armstrong                      |                                    | d-                                    | AP3154322IA  |
| _ raui                 | Armstrong                      | 1-1                                | U                                     |  |
|                        |                                |                                    |                                       |  |
|                        |                                |                                    |                                       |  |
| -                      |                                | -                                  |                                       |  |
|                        |                                |                                    |                                       |  |
| 3                      |                                |                                    |                                       |  |
| ٨                      | Make: Cessna                   |                                    |                                       | OmniAero 2/13/2017   |
| N                      | Model: 414A                    |                                    |                                       | 1933 Valley View Dr.   |
|                        | /N: 414A007                    | 7                                  |                                       | San Angelo, TX   |
|                        | 1414LA<br>10bbs: 1768.4        | 1                                  |                                       | 474  |
|                        | H ENGINE L                     |                                    |                                       |  |
| 1                      |                                |                                    | ith 12 quarts A                       | eroshell W100 and Champion CH48108-1 oil filter.   |
| 2                      | . C/W                          | AD 00-01-16                        | paragraph B, vi                       | isual inspection of exhaust system. Next due at hobbs 1818.4 or 30 days,                   |
|                        |                                | chever occurs l                    |                                       | 14   |
| T                      | nis engine ap                  | proved for ret                     | urn to service                        | for work performed.  |
|                        |                                |                                    |                                       | Dan Webre Jr AP3501544IA   |
|                        |                                |                                    |                                       | AF53013441A  |
|                        |                                |                                    |                                       |  |
|                        |                                | TTON LTD                           |                                       | T.m. 9 2017  |
|                        | Cessna 4                       | ATION, LTD                         | ) <u>.</u><br>5/N: 414A-00            | June 8, 2017  Acft TT: 8223.9 Acft HM: 1803.9  |
| N414LA<br>LT Engine    |                                | 510-520-NB                         | 5/N: 27                               |  |
| 1.                     |                                |                                    |                                       | v date 2-15-2000, exhaust system inspection IAW figure 1 (b). Next Due —                   |
|                        | in50 hrs                       | TIS or 30 da                       | ys whichever                          | is later.  |
|                        | Changed oil                    | and oil filter.                    | Serviced engin                        | ne with 12 quarts Aeroshell W100 and a CH48108-1 oil filter. Engines were                  |
| 2.                     |                                |                                    |                                       | ications normal.   |
| 2.                     | Adimeted me                    | miloid pressul                     | £ 10 30,5                             | or the work performed. Pertinent details of the work accomplished on                       |
| 2.                     | Adjusted mo                    | ed for return                      | TO SERVICE TO                         |  |
| 2.<br>3.<br>This Engi  | ne is approv                   | ed for return                      | gency under w                         | ork order number M414LA02.   |
| 3.<br>This Engli       | ne is approv                   | red for return                     | gency under w                         | ork order number M414LA02.  AP3159154  |
| 3.<br>This Engli       | ne is approv                   | red for return                     | gency under w                         | ork order number M414LA02.   |
| 2.<br>3.<br>This Engli | ne is approv                   | red for return                     | gency under w                         | ork order number M414LA02.   |
| 2.<br>3.<br>This Engli | ne is approv                   | red for return                     | gency under w                         | ork order number M414LA02.   |

| DATE  | TOTAL<br>TIME<br>IN<br>SERVICE  | TOTAL<br>TIME<br>SINCE<br>OVERHAUL   | TACH OR<br>RECORDING<br>METER<br>TIME  | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
|---|---|--|--|--|
|   |   |  |  | TOTALS brought forward from previous page  |
| N414LA LT ENG 1. 2. 3. 4. 5. 6. 7. I Certificairworth | Complied with inspection - Performed and Complied with oil filter. Erromplied with 30 days or 5 Checked the Cleaned and Replaced 1 Efy that this hy condition | TSIO-520 th an annual in Time Limits g compression ch th as oil and oi agines were gr th AD 2000-0 0 hrs. TIS wh magneto timi inspected the xhaust lifter engine has . Pertinent | J/N: 414A-0 J-NB S/N: spection IAW uide (change 2 neck as Follows I filter change ound ran and le D1-16, eff. /d nichever is late ng and timed in engine fuel in P/N SA62848 been inspec details of tl | Engine SMOH: 1106.0 Engine TT: 5225.7  FAR 43 appendix D and referencing the Cessna service manual 414/414A  19).  S: #1 69/80 #2 70/80 #3 69/80 #4 70/80 #5 72/80 #6 71/80.  E. Serviced each engine with 12 quarts of Aeroshell W100 oil and a CH48108-1 eak checked with all indications normal.  ate 2-15-00, exhaust inspection, C/W para (b), (c), (e) and (g). Next Due: (b)-er, (c) - 12 months, (e) - 12 months, (g) 12 yrs. or 2500 hrs TIS. nagnetos.  jection nozzles. |
|   | ork order n Anderson  | umber M41  | 4LA03,   | AP3159154IA  |
| N414  | 4LA Cessi   | /IATION, L   | S/N: 414A  | 7.67. 7. <u>5266.7</u> 7.67. 7.11. <u>1666.7</u>   |
| N414<br>LT E  | ALA Cessingine TCM  1. Complied in50 h  2. Changed a CH4810  Engine is appairments are  | na 414A TSIO-520- with AD 200 irs TIS or 30 oil and oil filte 08-1 oil filter. iroved for res  | S/N: 414A NB S/N: 0-01-16, eff 0 days whicher er. Caught and Engines were turn to services   | A-0077 Acft TT: 8286.7 Acft HM: 1866.7<br>276704-H Eng. SMOH: 1155.9<br>Frev date 2-15-2000, exhaust system inspection IAW figure 1 (b). Next Due  |
| N414<br>LT E  | ALA Cessingine TCM  1. Complied in50 h  2. Changed a CH4810  Engine is appairments are  | na 414A TSIO-520- with AD 200 with TIS or 30 oil and oil filter. broved for re- con file at this   | S/N: 414A NB S/N: 0-01-16, eff 0 days whicher er. Caught and Engines were turn to services   | Acft TT: 8286.7 Acft HM: 1866.7  276704-H  Eng. SMOH: 1155.9  Frev date 2-15-2000, exhaust system inspection IAW figure 1 (b). Next Due ver is later.  I mailed a SOAP sample. Serviced engine with 11 quarts Phillips 20W50 XC and a ground ran and leak checked with all indications normal.  The free for the work performed. Pertinent details of the work accomplished on a work order number M414LA062018.   |
| N414<br>LT E  | ALA Cessingine TCM  1. Complied in50 h  2. Changed a CH4810  Engine is appairments are  | na 414A TSIO-520- with AD 200 with TIS or 30 oil and oil filter. broved for re- con file at this   | S/N: 414A NB S/N: 0-01-16, eff 0 days whicher er. Caught and Engines were turn to services   | Acft TT: 8286.7 Acft HM: 1866.7  276704-H  Fig. SMOH: 1155.9  Fivev date 2-15-2000, exhaust system inspection IAW figure 1 (b). Next Due ver is later.  I mailed a SOAP sample. Serviced engine with 11 quarts Phillips 20W50 XC and a ground ran and leak checked with all indications normal.  The formula of the work performed. Pertinent details of the work accomplished on a work order number M414LA062018.  |
| N414<br>LT E  | ALA Cessingine TCM  1. Complied in50 h  2. Changed a CH4810  Engine is appairments are  | na 414A TSIO-520- with AD 200 with TIS or 30 oil and oil filter. broved for re- con file at this   | S/N: 414A NB S/N: 0-01-16, eff 0 days whicher er. Caught and Engines were turn to services   | Acft TT: 8286.7 Acft HM: 1866.7  276704-H  Eng. SMOH: 1155.9  Frev date 2-15-2000, exhaust system inspection IAW figure 1 (b). Next Due ver is later.  I mailed a SOAP sample. Serviced engine with 11 quarts Phillips 20W50 XC and a ground ran and leak checked with all indications normal.  The free for the work performed. Pertinent details of the work accomplished on a work order number M414LA062018.   |
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