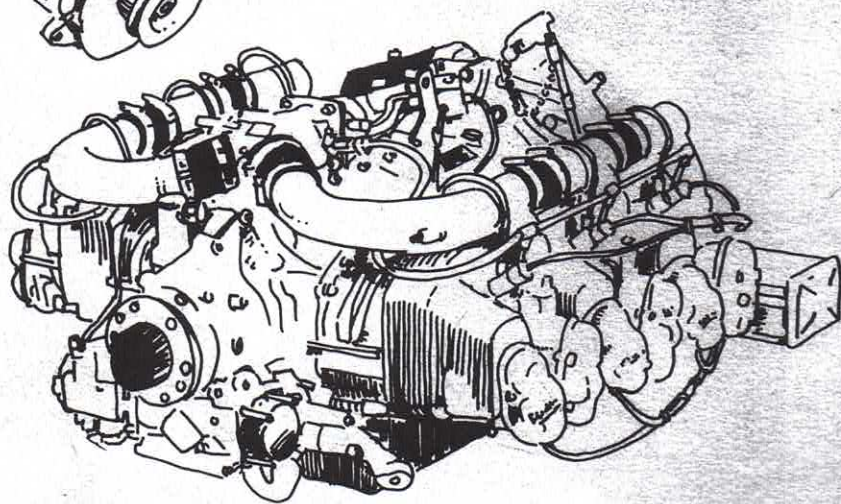
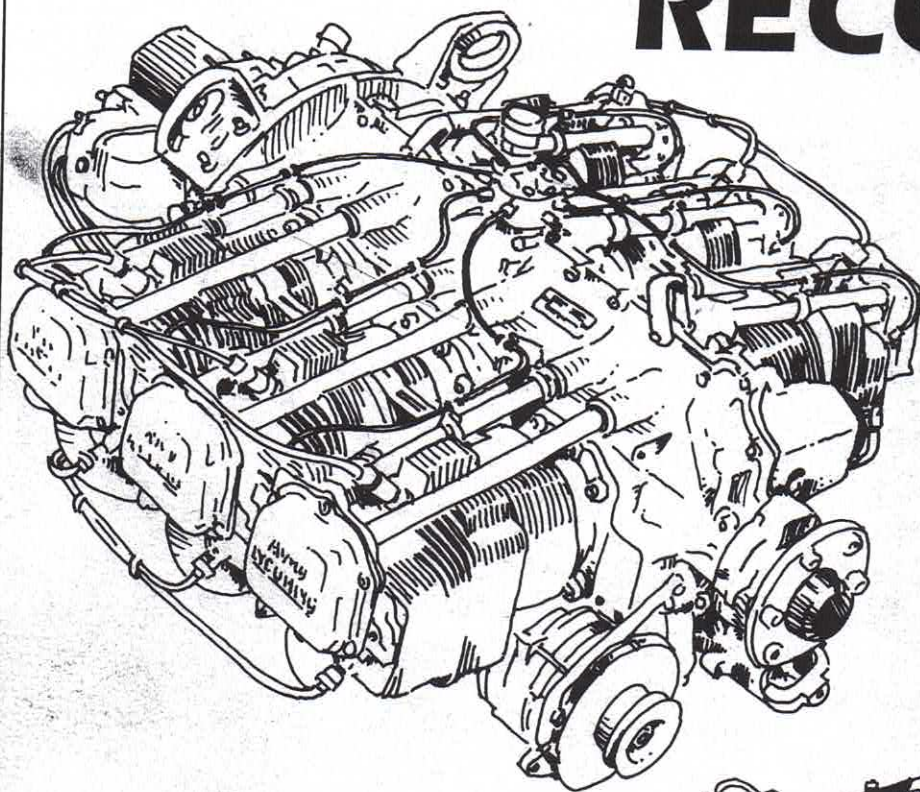


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ENGINE MAINTENANCE RECORDS



1-800 624-6680

(In NY 516-298-8330)

MATTITUCK AVIATION CORPORATION
410 AIRWAY DRIVE, MATTITUCK, NY 11952

MATTITUCK AIRBASE, INC. / Limited Piston Engine Warranty

Effective 2/5/88, Mattituck Airbase, Inc., (hereinafter called "MAB"), makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

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

For engine warranty after six (6) months from date of delivery to customer and prior to the expiration of the original manufacturer's recommended time between overhaul ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at MAB's option, shall be prorated in the following manner. The customer shall pay the net price for a newly rebuilt engine equal to the current list price for the engine divided by the manufacturer's recommended TBO, and then multiplied by the number of hours on the repaired or replaced engine (which shall be deemed the greater of the actual logbook hours, recorded tachometer hours or time at forty (40) hours per month from the date of delivery). Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by MAB.

After the initial six (6) months from date of delivery or 240 hours of operation, MAB will not assume any responsibility for the repair or replacement of engine accessories, e.g. magneto, starter, alternator, ignition harness, turbocharger, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis. MAB will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

The repair or replacement of any part under the foregoing warranty shall not extend the periods of warranty coverage set forth above. MAB reserves the right to change the price or specifications of any engine or part at any time.

CONDITIONS AND PROCEDURES FOR OBTAINING WARRANTY WORK - The foregoing warranty shall be effective only if the engine or component to be serviced is returned to MAB's facility at customer's expense, together with particulars in writing of the nature of the defect. The customer or his representative should contact MAB for verification and authorization of warranty prior to return and/or repair. Written authorization must be obtained from MAB before repairs covered by warranty can be

performed other than by MAB. In no event shall allowable labor costs exceed local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by logbook entries which must accompany any engine returned for warranty work. Defects must be discovered within the warranty period and MAB must be given prompt notice thereof in writing, within ten (10) days after discovery.

LIMITATION, EXCLUSIONS, AND DISCLAIMERS - MAB shall not assume freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. MAB does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed, repaired or maintained or altered in any manner which, in the judgement of MAB, has had an adverse effect on the engine or part. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine which has been repaired or altered, in any manner other than by MAB, or its representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OR MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. MAB liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. **IN NO EVENT SHALL MAB BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY ON TORT OR NEGLIGENCE ON THE PART OF MAB.** The foregoing limitations and exclusion with respect to implied warranties and the exclusion of incidental or consequential damages may not apply in those states which prohibit such limitation or exclusions. This warranty gives customer specific legal rights, and the customer may have other rights which vary from state to state.

Work Order No. 12249
Engine Serial No. L-3764-61A



Airway Drive
Mattituck, N.Y. 11952
Tel: (516) 298-8330

This is to certify that the engine described hereafter has been overhauled to manufacturer's new part limits by Mattituck Airbase Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All applicable Airworthiness Directives and mandatory Manufacturer's Service Bulletins are in compliance. A description of these repairs is on file at this agency under:

JOB NO. 12249 DATED 6 DEC 94
 MFG. LYCOMING MODEL T10-540-C1A
 Serial No. L-3764-61A Time in svc. 1947



MATTITUCK AIRBASE INC.

F.A.A. REPAIR STATION # QX2R125L
 AIRWAY DRIVE, MATTITUCK, L.I., N.Y. 11952

Maahle P. Russell

 Authorized Signature

The accessories listed below were overhauled by Mattituck Airbase, Inc. in accordance with applicable manufacturer's service & parts manuals & installed on the engine:

Item	Part No.	Serial No.
RT MAG	10349310-1	928209
LT MAG	10349290-1	R15940FR
STARTER	MHC4016	620096
CONTROLLER	470886-2	B6042 DK0109
CONTROLLER	470884-4	660219
TURBO	406610-21	DK0113
WASTEGATE	470818-3	DT0110
PLENUM	LU15589	
SERVO	2524359-10	75193 41280

Date 6 DEC 94

The accessories listed below were new and installed on the engine:

Item	Part No.	Serial No.
ALTERNATOR	ALU 8421	10+20945
FUEL PUMP	RG-17980J	B-7662-3402

MATTITUCK AIRBASE INC.
 FAA Repair Station QX2R125L
 W.O. No. 12249



Maahle P. Russell

 Authorized Signature

PLEASE ENTER TOTAL ENGINE TIME
 IN THE SPACE PROVIDED ON THE
 ENGINE OVERHAUL CERTIFICATE IN
 THIS LOG BOOK.

929-
248

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
2/1/95	1947	0	266.	Reinstalled this engine in Right position on PA 237250 N713EC this date. Installation included the following - all new hoses, overhauled oil cooler, new motor mounts, new cooling baffle seals, new turbo blankets, overhauled accessories, overhauled turbo + controllers, reconditioned exhaust system, overhauled prop governor, Checked + adjusted controls. Serviced with Phillips 20/50 mineral. Run up + checked for leaks - OK. 40 minute test flight - OK. I CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION <u>George Kennard AP159500992</u>
3-8-95	29.	295.1		Changed oil AND Filter- checked FILTER Found clean- Serviced with Phillips 20/50 M. <u>George Kennard AP 159500992</u> Replaced Turbo controller installed Pn. 470886-2 SN- DK0109 Run up AND leak checked. <u>George Kennard AP 159500992</u>
3-30-95		296.6		CW AD 95-07-01 Inspected for bores rod bolts. Removed oil 4.3.5 Inspected All 12 Rod bolts AND FOUND All Properly Identified, Reassembled + TEST RUN OK SUB-TOTALS this page <u>George Kennard AP159500992</u> TOTALS— Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
11-27				TOTALS brought forward from previous page
10-23-95	67.0	333.0		changed oil AND Filter serviced with shell 15/50. comp checked All 7/80 Run up AND checked ok CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>tech</u> INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION <u>Gene Kennard AIP159500992</u>


R14

MAKE Lyc MODEL T10-540-C1 SERIAL No./N No. L-3764-61A

TOTAL TIME	TACH READING	DATE
	<u>340.0</u>	<u>12-16-96</u>

REMOVED SERVO CLEAN FLOW AND ADJUST REINSTALL. INSTALLED
OVT ALTERNATOR FROM ELECTRO SYSTEMS P/N A1U9421R
S/N 6010051. ADJUST T/P M/P. THIS ENGINE IS AIR WORTHY
WITH RESPECT TO WORK PERFORMED — END —


MATTITUCK AIRBASE, INC.
FAA Repair Station QX2R125L
W.O. No. 17938



Markon P. Russell
Authorized Signature


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TOTALS—Carry forward to next page


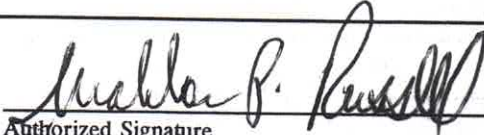
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
1-1-97	2055	108	374.8	<p>TOTALS brought forward from previous page</p> <p>Changed oil AND Filter serviced with Shell 15/50 checked TIMING</p> <p>Compression TEST - 1 ¹¹⁶/₈₀ 2 ¹²/₈₀ 3 ⁷⁵/₈₀ 4 ⁷⁵/₈₀</p> <p>5 ⁷⁶/₈₀ 6 ⁷⁵/₈₀ swapped WASTEGATES L/R x R/L For Trouble shooting & Fluxing r.p. ADJUSTED Prof Governor Run up AND checked OK</p> <p>I certify that this engine has been Inspected IAW AN 100 hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>Dege Kenned APL 159500992JA</p>
9-8-97	2075	128	394	<p>Installed exchange overhauled Fuel Servo PN 2524359-10 SN-41280</p> <p>Installed overhauled exchange ALTERNATOR PN AL8421R SN 7042842-</p> <p>Installed DIFFERENTIAL controller FROM LEFT eng. (trouble shooting for fluxations Fuel Flow) changed oil & filter serviced with Shell 15/50 oil</p> <p>Run up check for leaks and system OK I certify that this engine has been Inspected IAW 100 hr INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>Dege Kenned APL 159500992</p>
<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
	MOD	PA-23-250	CUTTER AVIATION, INC.	W/O #	J3971
	S/N	27-7554151	2802 OLD TOWER ROAD	HOURLY METER	459.9
	REG #	N713EC	PHOENIX ARIZONA 85034		
	ENG MOD	TIO-540-C1A	FAA REPAIR STATION # EKGR571D		
	ENG S/N	L-3764-61A	Right Engine		
<p>Changed oil and filter, serviced with Aeroshell 15w50; oil sample taken for analysis; old oil filter cut open and inspected; cleaned, cylinder compression: #1 65/80 #2 72/80 #3 74/80 #4 77/80 #5 76/80 #6 70/80; gapped, tested and rotated spark plugs; ground ran, leak checked OK.</p> <p>DATE: 1/22/98 SIGNED: </p> <p>*****END*****</p>					

N713EC TIO-540-C1A L-3764-61A

23 Nov 98 2167.0 TTA 485.2 Hobbs 219.2 SMOH.
 Air differential check 75 72 74 73 75 73/ Installed anti-chafe sleeve on mixture cable vs. turbo bracket/Tightened Throttle and Prop control rod end ball adjustment screw/ R&R air pump--off 441cc-7 s/n 7K-920--on 441cc-7 s/n 7AP-419 (new)/ Tightened tachometer drive cable sheath nut/ Applied spiral wrap to oil pressure line vs. eng. mount/ Tightened all intake pipe hose clamps/ Repositioned HG line vs. #6 rocker/ Re-torqued all rocker cover screws/ Removed fuel pump inlet fitting, lubed with grg and reinstalled/ R&R oil breather line rubber elbow/ Drained oil, obtained oil sample, R&R filter, inspected oil suction screen, serviced with Aeroshell 15W50/ Dressed prop, serviced prop dome with nitrogen/ Lubed waste gate/ AD 84-26-02 Paper induction filter C/W visual ok--next due 766.0 hobbs --(note) Donaldson p/n P14419 Piper p/n 26874-0 dtd 9-94/ AD 93-02-05 Fuel inj. lines C/W by visual insp. i/a/w SB 342A--next due 585.2 hobbs/ AD 98-12-02 Fuel pump C/W i/a/w Textron SB 529 torque ck'd ok.--next due 535.2 hobbs/ AD 98-17-11 Crankshaft balance N/A Engine overhauled prior to effected date.
 I certify that this Engine has been inspected i/a/w an Annual inspection and was determined to be in Airworthy condition.


 George V. West AP 1805617 IA

MAKE <u>LYC</u>	MODEL <u>TIO-540-C1A</u>	SERIAL No./N No. <u>L-3764-61A</u>
TOTAL TIME	TACH READING	DATE
	<u>521.2 HOBBS</u>	<u>6-18-99</u>
<p>Remove + clean ALL FUEL INJECTION NOZZLES AND REINSTALL CLEANED MANIFOLD VALVE AND TESTED ON FLOW BENCH. REMOVED FUEL SEVER AND RECALIBRATED TO NEW LIMITS REINSTALLED. CHECKED CYL #6 FOR CRACKS NO CRACKS FOUND. THIS ENGINE IS AIR WORTHY WITH RESPECT TO WORK PERFORMANCE</p>		
<p>MATTITUCK AIRBASE, INC. FAA Repair Station QX2R125L W.O. No. <u>18532</u></p>		<p>  Authorized Signature</p>

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SUB-TOTALS this page
 TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTALS brought forward from previous page

Date: 10/14/99 N713EC WO2082
 Hobbs: 524.9
 SMOH: 258.9
 Right Engine

Concord Aviation Services
 71 Airport Rd.
 Concord, NH 03301

Drained oil, removed and cut filter for inspection and found no metal. Refilled with 12 qts. of Aeroshell 15W50 oil, installed new filter P/N 48110.

David Linares *D Linares* Cert.# 143582905 A&P

Date: 12-07-99 N713EC WO2113
 Tach: 525.4
 SMOH: 259.4

Concord Aviation Services
 71 Airport Rd.
 Concord, NH 03301

RIGHT ENGINE

1. Engine compression tested. Cyl #1-77 Cyl#2-74 Cyl#3-75 Cyl#4-74 Cyl#5-78 Cyl#6-78
2. Right exhaust stack has bolt rubbing on it. Repositioned stack and bolt to allow sufficient clearance.
3. #4 cyl exhaust pipe into main pipe, weld cracked. New weld applied to pipe. Installed pipe back on AC.
4. Cleaned, inspected and gapped all spark plugs.
5. CW AD 98-18-12 AN rotary fuel pump. Screws below allowed 23 inch/lbs. Retorqued and safety wired. Next inspection due in 50 hrs (575.4) or 6 months.
6. CW AD 93-02-05 Fuel injector lines. All fuel lines check good. Next due 625.4 or annual inspection.

I certify that this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition.

David Linares *D Linares* Cert.# 143582095 A&P

1-5-8001	2,238.9	290.9	556.9	Drained the oil, removed the filter, cut open and inspected, cleaned suction screen, installed new filter, refilled with 15 W 50 AeroShell oil, cleaned injector screen and air filter, completed compression check & all cylinders are ^{70%} 80 or better, cleaned and gapped plugs, checked magnet & timing to engine, complied with AD 93-02-05 Inspection of Fuel injector lines and 98-18-12 Fuel pump screw torque. I certify that this aircraft engine has been inspected <u>100 hr</u> a 100 hr/annual inspection and is in airworthy condition. <i>David Linares</i> A&P 143582095
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 TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
3-8-01			587.3	DRAIN OIL REMOVE & OOT OPEN FILTER + FOUND NO METAL, REFILL WITH AEROSHELL 15/450 OIL, INSTALLED NEW CHUBB OIL FILTER, RUN ENGINE OPS @ CHECK FOR LEAKS OR RICK MAYER ATP 1537483
11-21-01			602.2	Drained oil, removed, cut open filter, normal, installed new filter and re-filled with ¹⁵ W 50 AeroShell oil, ran engine & leak checked. <i>[Signature]</i> ATP 1473613
1-11-02	2,318.41 370.41	370.41	636.41	Drained the oil, removed filter, cut open & inspected, installed new filter, inspected section screen, re-filled with 15W 50 AeroShell oil, completed compression test and all cylinders are ⁷⁰ / ₉₀ or better, cleaned, gapped & rotate all plugs, checked magneto timing to engine, complied with AD 93-02-05 "Fuel injector lines" by inspection, installed engine driven fuel pump from LH engine unit P/N RB 179 803 S/N C-682-3402 for trouble- shooting purposes for fuel flow fluctuation, AD 98- 18-12 "Fuel Pump Screw Torque" checked, no longer applicable. See aircraft file for full AD note compliance listing. I certify that this aircraft engine has been inspected I/A/W a 100hr. inspection and is in airworthy condition. <i>[Signature]</i> ATP 1473613
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
5-29-02	2,350.3	402.3 668.3	668.3	Drained oil, removed filter, cut open, inspected, installed new filter, refilled with AeroShell 15W50, replaced plugs with Champion REB 37E, changed density controller from L/H engine to R/H for troubleshooting fuel flow fluctuation, cleaned upper deck sense line to fuel pump, (found plugged), removed exhaust risers and repaired by CRS # NJ5R069N under W.D.#75754 dated 5-16-02 (Dowley Aviation) reinstalled exhaust risers with new gaskets & leak checked. <i>William J. Miller</i> A/P 1473613
3-6-03	2,382.7	434.7	700.7	Drained oil, removed filter, cut open, inspected, installed new filter, refilled with 15W50 AeroShell oil, completed compression test and all cylinders are ⁷⁰ 80 or better, checked all plugs & timing to engine, C/W AD 03-36-01 "Fuel Injector Lines" by inspecting I/A/W MSB 342 D, see aircraft "Flight Manual" for full AD note compliance listing & when next due. I certify that this aircraft engine has been inspected I/A/W a 100hr/Annual inspection and is in airworthy condition. <i>William J. Miller</i> A/P 1473613 IA
4-26-04		755.2		All spark plugs removed, cleaned, gapped tested & reinstalled - one replaced with serviceable unit. Oil drained and new shell 15/50 installed. 2 cans AUBLETS installed. engine test run SUB-TOTALS this page FOUND AIRWORTHY AUG 101. NØ 76982
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
4-1-04	2445.3	4973	763.3	Removed oil filter, cut open, inspected, installed new filter, completed compression test & all cyls. are ⁷⁰ 80 or better, checked all plugs, replaced one plug with new REB 37E, removed both mags for 500 hr inspection, L/H replaced with overhauled S/N A250376, 500hr. Insp. on R/H & O/H on L/H completed by CRS# RL4R 496M (Executive Accessories-Fit. Lauderdale FL) under W/O's 28593 & 28597, installed magnets on engine & timed. (See rear of this log for 8130.3 Tags & W/O's), cleaned injector inlet screen & replaced induction air filter assy. with Brackett B83510, Sec 337 Form this date, replaced inboard exhaust gaskets to cylinders, CIW AD 22-26-01 "Fuel Injector Lines" by inspecting I/A/W MSB 342D, see "Aircraft Flight Manual" for Fuel AD note and when next due, I certify that this aircraft engine has been inspected I/A/W a 100hr inspection and is in airworthy condition. <i>Arthur J. Miller A&P 1473613</i>
4-28-04			793.0	Changed oil replaced with 15/50 AeroShell POC
10/15/04			811	Changed oil + filters replaced with 15/50 AeroShell POC
2-15/05			856	Changed oil + filters replaced w 15/50 Aero Shell POC
2-15-05			856.0	Complied with AD 22-26-01 by inspecting fuel injector lines I/A/W MSB 342D <i>Arthur J. Miller A&P 1473613</i>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE

TOTAL TIME IN SERVICE

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

7-1-05 2868.2 602.2 868.2

Drained oil, removed filter, cut open & inspected, installed new filter and refilled with 15W50 AeroShell oil, completed compression test and all cylinders are $\frac{72}{80}$ or better, cleaned & gapped all plugs, checked magneto timing to engine, serviced main & injector inlet screens, Replaced: Air inlet filter element and vacuum pump with Aero Precision, Inc. Tempest model AA 44100-7 S/N N 32539. Removed #5 cylinder intake pipe, rolled adaptor in sump to normal, reinstalled intake pipe using new gasket. Complied with AD's 02-26-01 by inspecting fuel injector lines I/A/W MSB 3420 & 03-14-03 by inspecting rotary fuel pump for leaks. See aircraft file for full AD compliance listing and when next due. I certify that this aircraft engine has been inspected I/A/W a 100hr. inspection and is in airworthy condition.

[Signature] P 1473613

10/3/05
w/o 3739

895.7

DRAIN OIL. REMOVE AND CUT FILTER FOR R,
INSPECTION AND FOUND ~~NORMAL~~
REFILLED WITH 12 QTS OF
AEROSHELL 15W50, OIL, INSTALLED NEW
FILTER PN CH48110-1

[Signature] A+P 2601813

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				

ENGINE LOG BOOK ENTRY – N713EC

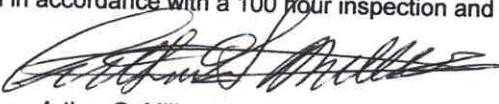
Date: 5-18-06 Hour Meter: 918.3 Total Time: 2900.3 TSMOH: 652.3

Make: Textron Lycoming Model: T10-540-C1A Serial Number: L-3764-61A

Drained oil, removed oil filter, cut open, inspected, installed new oil filter. Refilled with: Aeroshell 15W50
 Cleaned and gapped all spark plugs, checked magneto timing to engine, cleaned fuel injector
 Inlet fuel screen, replaced Brachett induction air filter element.
 Completed compression test I/A/W Lycoming S.I. No. 1191. All cylinder compression readings are 72/80 or better.

Complied with following A.D. Note(s): (See aircraft file for A.D. Note compliance listing & when next due)
 02-26-01 C/W Par © by inspecting fuel injector lines I/A/W MSB #342D.
 03-14-03 By inspecting rotary fuel pumps for leaks.

I certify that this aircraft engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition.

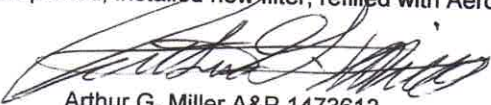

 Arthur G. Miller A&P 1473613

ENGINE LOG BOOK ENTRY – N 713EC

Date: 7-10-06 Hour Meter: 948.6 Total Time: 2930.6 TSMOH: 682.6

Make: Textron Lycoming Model: TIO-540-C1A Serial Number: L-3760-61A

Drained the oil, removed the filter, cut open and inspected, installed new filter, refilled with AeroShell 15W50. Test run and leak checked.



 Arthur G. Miller A&P 1473613

ENGINE LOG BOOK ENTRY – N 713EC

Date: 11-25-06 Hour Meter: 966.0 Total Time: 2948.0 TSMOH: 700.0

Make: Lycoming Model: TIO-540-C1A Serial Number: L-3764-61A

Drained the oil, removed the filter, cut open and inspected, installed new filter and refilled with 15W50 AeroShell oil.


 Arthur G. Miller A&P 1473613

ENGINE LOG BOOK ENTRY – N 713EC

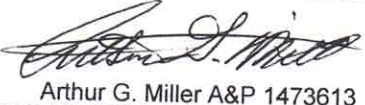
Date: 6-13-07 Hour Meter: 975.0 Total Time: 2957.0 TSMOH: 709.0

Make: Lycoming Model: TIO-540-C1A Serial Number: L-3764-61A

Drained oil, removed oil filter, cut open, inspected, installed new oil filter. Refilled with: Aeroshell 15W50 oil,
 Cleaned and gapped all spark plugs, checked magneto timing to engine, cleaned fuel injector
 Inlet fuel screen.
 Replaced: Brackett induction air filter element.
 Completed compression test I/A/W Lycoming S.I. No. 1191. All cylinder compression readings are 70/80 or better.

Complied with following A.D. Note(s): (See aircraft file for A.D. Note compliance listing & when next due)
 02-26-01 C/W Par. (c) by inspecting fuel injector lines I/A/W M.S.B.#342D

I certify that this aircraft engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition.


 Arthur G. Miller A&P 1473613

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE

TOTAL TIME IN SERVICE

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

ENGINE LOG BOOK ENTRY – N 713EC

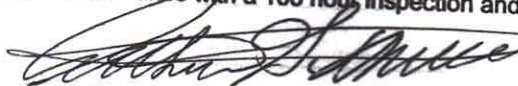
Date: 5-23-08 Hour Meter: 1005.6 Total Time: 2987.6 TSMOH: 739.6
 Make: Lycoming Model: TIO-540-C1A Serial Number: L-3764-61A

Drained oil, removed oil filter, cut open, inspected, installed new oil filter. Refilled with: Aeroshell 15W50 oil, Inlet fuel screen.
 Cleaned and checked gap on all spark plugs, checked magneto timing to engine, cleaned fuel injector

Replaced: Brackett induction air filter element, #4 intake pipe to cylinder gasket.
 Completed compression test I/AW Lycoming S.I. No. 1191. All cylinder compression readings are 70/80 or better.

Complied with following A.D. Note(s): (See aircraft file for A.D. Note compliance listing & when next due)
 02-26-01 C/W Par. (c) by inspecting fuel injector lines I/AW M.S.B.#342D

I certify that this aircraft engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition.



Arthur G. Miller A&P 1473613

ENGINE LOG BOOK ENTRY – N 713EC

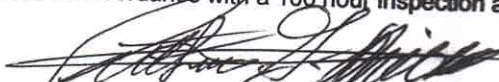
Date: 6-1-09 Hour Meter: 1042.0 Total Time: 2724.0 TSMOH: 776.0
 Make: Lycoming Model: TIO-540-C1A Serial Number: L-3764-61A

Drained oil, removed oil filter, cut open, inspected, installed new oil filter. Refilled with: Aeroshell 15W50 oil, Cleaned and checked gap on all spark plugs, checked magneto timing to engine.

Replaced: Brackett induction air filter element, engine breather elbow at crankcase P/N 458-952.
 Completed compression test I/AW Lycoming S.I. No. 1191. All cylinder compression readings are 70/80 or better.

Complied with following A.D. Note(s): (See aircraft file for A.D. Note compliance listing & when next due)
 03-14-03 C/W Par B 4 by visual inspection of fuel pump for fuel leaks

08-14-07 C/W Par j & K by inspecting fuel injector lines I/AW M.S.B.#342E
 I certify that this aircraft engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition.



Arthur G. Miller A&P 1473613

Reg #: N713EC

Tach Time: 1052.1

(R)Total Time: 2734.1

Date: 5/25/2011

Model: IO540-C1A

SMOH: 786.1

Ser. No: L-3760-61A

Checked and lubed all controls, checked compression #1 68/80, #2 70/80, #3 77/80, #4 74/80, #5 76/80, #6 71/80 drained oil and filled with 10 quarts Aeroshell 15W50, checked filter-no debris noted, installed new filter, cleaned gapped and tested plugs, checked mag points and timing, checked heater muffs and shrouds, checked fuel screens, checked and complied with AD's as necessary-see T-data sheets. All work accomplished for annual inspection this date.

I certify that this engine has been inspected in accordance with an annual inspection using FAR 43 appendix D as a guide and is determined to be airworthy at this time.

Robert Glen Horne, Jr. 

A+P 2374652 IA

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
8/3/12		806.8	1072.8	RAN UP A/C - ENGINE CLEANED AS NECESSARY - DRAINED HOT OIL - C/W COMP ✓ (1) 68 (2) 70 (3) 75 (4) 75 (5) 72 (6) 74 INSPECTED SUMP SCREEN + INSIDE OLD OIL FILTER FOUND OK - INSTALLED NEW FILTER + 10 qts EXXON ELITE 20/50 SERVICED SPARK PLUGS - REPLACED BRACKET AIR FILTER ELEMENT CLEANED FUEL SERVO SCREEN + FUEL PUMP - LUBED CONTROLS + TURBO WASTEGATE - INSULATED STARTER LEAD END - REPAIRED PULLED THRU BRACKET RIVET ABOVE CYL. # 5 - SECURED LOOSE TURBO WASTEGATE SHIELD - INSULATED IGNITION CABLE RUB SPOTS - SECURED PROP SYNCH WIRES - INSULATED FIRE DISCHARGE HOSE RUBBING FUEL NOZZLE LINE - TIGHTENED LOOSE WASTEGATE CLAMPS SEALED EDGES OF THERM HEATER PAD - REPLACED MISSING OUTBOARD MAGNETO P LEAD GROUND - USED TY WRAPS TO UN - FURTHER PRESSURE INST. PUMP HOSE AROUND BOND - CLEANED OIL COOLER FINS - THIS ENGINE WAS SERVICED + INSPECTED USING PIPER MM 230-205 P-1 THRU 6 AS A GUIDE - THIS ENGINE WAS INSPECTED IAW FAR PART 43 APPENDIX D - SCOPE + DETAIL ANNUAL INSPECTION ENGINE AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION @ THIS TIME - INSTALLED SENSORS FOR INSIGHT ENGINE ANALYSER GYT TO BE INSTALLED IN THE FUTURE - SEE AD COMPLIANCE RECORDS - <i>Steph M Howard</i> IA 8560759

Reg: N713EC
S/N: 27-755-4151

Mod: PA23-250
Task: 1091.3
H0555

R/H Engine Log:

Replaced R/H Aux. fuel boost pump P/N 33959-2, S/N 3-95 with overhauled P/N B8001-G, S/N B10811 (reference CJ Aviation W.O No. 19905). No leaks noted.

Steph M Howard
Steph M. Howard
AP 523642820 IA

09/18/2012

DATE

TOTAL TIME IN SERVICE

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

12-3-2012

1105.4

Drained hot oil. Removed oil filter. Installed new oil filter. Added 11 qts. of Exxon Elite 20W50 oil. Ran up; checked for leaks; none noted.

James I. Evans / James I. Evans ATP-2210678

4/4/13

1145.9

DRAINED HOT OIL - SAMPLE TAKEN FOR ANALYSIS - INSPECTED INSIDE OLD OIL FILTER - FOUND OK - ADDED 11 QTS EXXON ELITE 20/50 AND NEW CH 48110-1 FILTER - RUN + LEAKS ✓ OK
Atty/Dr ATP 8860759

9/3/13

890.5 1156.5

RAN UP A/C - C/W COMP ✓ 1 72/80 3 76/80
5 74/80 2 76/80 4 74/80 6 66/80 - DRAINED HOT OIL - INSPECTED INSIDE FILTER + SUMP SCREEN - FOUND OK - INSTALLED NEW OIL FILTER + 10 QTS EXXON ELITE 20/50 - SERVICED PLUGS - REPLACED AIR FILTER ELEMENT LUBED CONTROLS + WASH GATE - BORESKOPED CYLINDERS - FOUND OK - REPAIRED BAD CRIMP ON LGT CYL. 1 CONNECTOR - RECID SENSOR TY WRAPS NEAR EXHAUST WITH HIGH TEMP ONES - FOUND CRACK ON EXHAUST PIPE FOR CYLINDERS 2+4 - SENT FOR REPAIR TO DAWLON - SEE TAGS - REINSTALLION WITH NEW SEAL/BLANCE GASKETS - REPLACED WORN EXHAUST PIPE HANGER BOLT - REPAIRED VACUUM PUMP RUBBER FILTER - REPAIRED VALVE COVER GASKETS CYLINDERS 4+6 - TIGHTENED OIL RETURN LINE CLAMPS - THIS ENGINE WAS SERVICED + INSPECTED USING PIPER MM 230-205 P-1 THRU 6 AS A REFERENCE - THIS ENGINE WAS INSPECTED IAW PART PAGE 43 PARADOX ID SCOPES + DETAIL ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION @ THIS TIME
Atty/Dr ATP 8860759

SUB-TOTALS this page

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10/1/14		915.5	1181.5	<p>RAN UP A/C - DRAINED HOT OIL - C/W COMP ✓ #1 74/80 2 75/80 3 77/80 4 78/80 5 78/80 6 73/80</p> <p>INSPECTED INSIDE OLD OIL FILTER + CHECKED SUMP SCREEN - BOTH OK - INSTALLED NEW CH48110-1 AND 10 QTS EXXON ELITE 20/50W - SERVICED PLUGS - INSTALLED HEAT SENSORS WHERE PROP CABLE COMES CLOSE TO EXHAUST - CHECKED EXHAUST CLAMPS</p> <p>REPLACED INTERMITTENT FLOW ROOM COUNTER - S/N OFF 1387 S/N ON 1426 - CHECKED ALL INTAKE/EXHAUST PLUNGE BOLTS</p> <p>APPLIED CORROSION X TO OIL COOLER MOUNT CLAMPS - RESEALED TRAMS PLATE PAD THERMOSTAT - TIGHTENED RH #6 CHT PROBE + INSULATED - BURS COPE D INSPECTED EXHAUST VALVES - ADJUSTED MIXTURE / IDLE SETTING - REPLACED AIR FILTER ELEMENT - CLEANED FUEL SERVO SCREEN - CHECKED + LUBED CONTROLS - C/W AD 08-14-07 FUEL INJECTION LINES + AD 2003-14-03 ROTARY FUEL PUMP VISUAL INSPECTION - THIS ENGINE WAS SERVICED / INSPECTED USING PIPER MM INSPECTION REPORT 230-205-P-1 THRU 6 AS A GUIDE - THIS ENGINE WAS INSPECTED IAW FAR PART 43 APPENDIX D SCOPE AND DETAIL ANNUAL INSPECTION ENGINE AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME - <i>James I. Evans</i></p> <p>FA 8560789 -</p>
3-25-15		1212.6		<p>Drained hot oil. Removed oil filter. Installed new oil filter. Added 10 qts. of Exxon Elite 20W50 oil. Ran up; checked for leaks.</p> <p><i>James I. Evans</i> / James I. Evans ATP 2210678</p>
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			1222.6	TOTALS brought forward from previous page
4/29/15				Removed RH TAILPIPE P/N 32781-00, BYPASS 32848-00 - BYPASS FLANGE LW11223 AND SENT OUT TO ACORN WORKING FOR REPAIR - REINSTALLED OVERHAULLED PARTS AND A/C TEST PLAN OK - <i>Steph JA</i> - ATP 8560759 (SEAL TABS IN BACK OF LOG)
10/7/15	950.9	1216.9		ENGINE WAS RUN UP FOR ANNUAL INSPECTION C/W COMP ✓ # 1 70/80 2 72/80 3 73/80 4 70/80 5 74/80 6 70/80 - DRAINED OIL - INSPECTED SUMP SCREEN AND INSIDE OLD OIL FILTER FOUND OK - INSTALLED NEW CH 48110-1 AND 10 1/2 9B OF EXXON ELITE 20/80 - SERVICED PLUGS - REPAIRS AIR FILTER ELEMENT BA 3505 - LUBED CONTROLS - BORESCOPE INSPECTED EXHAUST VALVES - OK - REPAIRS COOLUP 306-Y DRAIN HOSES WHERE NEEDED APPLIED CRX TO SURFACE RUST ON TURBO MOUNTS - LUBED RH DRIVEN FUEL PUMP DRIVE SPINES - ADJUSTED TIMMING RT MAGNETO SLIGHTLY - C/W AD RESEARCH AND AD 2003-14-03 ROTARY FUEL PUMP VISUAL INSPECTION - C/W AD 11-26-09 FUEL LINE INSPECTION PER MSB 3426 FOUND OK - THIS ENGINE WAS SERVICED + INSPECTED USING PIPER 1M INSPECTION REPORT # 230-205 AS A GUIDE - THIS ENGINE WAS INSPECTED IAW FAR PART 43 APPENDIX D SCOPE AND DETAILED ANNUAL INSPECTION ENGINE AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME - <i>Steph JA</i> - JA 8560759

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
6/24/16		991.0	1257.0	Drained hot oil. Removed oil filter. Installed new Tempest 48110-2 oil filter. Added 10 gal of Exxon Elite 20W50 oil. Ran up engine; checked for leaks; none noted. James I. Evans / James I. Evans ATP2210678
4-20-17			1277.0	Inspect valves for heat damage, Removed 4 cyls # 2, 3, 5 & 6 for repairs. Re-installed after IRAN by Triad Aviation w/o # 23097 1-20-17, gapped rings. Replaced all 6 LW-13790 rocker shafts, 3 ea LW-11485 shroud assy. 6 SA629925 valve cover gaskets cyls installed w/ all new gaskets and seals. checked & set dry tappit clearance IAW Lycoming O/H manual Re-inst exhaust system w/ new 71011 gaskets & hdw. Install Hartzell engine Technologies O/H Turbo 406610-9021 w/o M876800 dated 9/14/16 w/ all new turbo heat shields pN 4-652568-3, -5 and -7. New Turbo gaskets (oil). Install all new (12) UREB37E spark plugs. all new upper deck rubber hoses. all new H-6000 oil return line hoses Install engine driven accessories w/ new gaskets BA 3505 Air filter
				SUB-TOTALS this page
				TOTALS —Carry forward to next page


DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
4-20-17			277.0	Reinstall all engine monitor probes and sensors, pre-oil turbo IAW HPS instructions, pre-oil the engine IAW Lgc SI, serviced the sump w/ Exxon ELITE 20/50 cleaned all fuel injectors, Ground ran IAW Lgc SI 1427C after the baffling, exhaust, air box, filter and cowling was installed. 2 k Mac AP 3118643 IA


 N: 713EC Tach: _____ HM/T: 277.0
4/20/17

- 1) Aircraft engine and propeller inspected in accordance with FAR part 43 appendix (D)
- 2) Compression test: (1) 72/80 (2) 72/80 (3) 72/80 (4) 72/80 (5) 70/80 (6) 70/80
- 3) See FAA Airworthiness Directive Compliance Record dated 4/20/17 or later for current status, next due date and time.

"I certify that this aircraft engine and propeller has been inspected in accordance with an Annual/100hr inspection and was determined to be in airworthy condition."

2 k Mac 4/20/17



Lynn R Mace AP 3118643 IA

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Triad Aviation, Inc.
FAA Repair Station #PP4R448M
 3439 South Aviation Drive
 Burlington, NC 27215
 Telephone (336) 227-1467

AGL AVIATION SERVICES
3566 MORGANTON-LENOIR ARPT AVE.
MORGANTON, NC 28655

INVOICE / WORK ORDER
NO.23097

828-391-8645
 FAX
 CELL
 MAKE
 MODEL
 REGISTRATION NO.
 SERIAL NO.

DATE
 1/20/2017

WRITTEN BY
 B.M.B.

P.O. NO.

TACHOMETER

INSTRUCTIONS/WORK DESCRIPTION

Repair As Needed (4) Lycoming TIO-540-C1A Cylinders P/N 78603.
 Repaired As Needed (4) Lycoming TIO-540-C1A Cylinders P/N 78603. Cleaned, inspected, replaced exhaust guide, valve, and studs, milled exhaust port, honed barrel, refaced seats and intake valve, lapped and leak checked o.k.

This engine and/or component is approved for return to service. All pertinent details on file this repair station. TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M.



Signed: *[Signature]* Date: 1-20-2017



QUANTITY	PART NUMBER	DESCRIPTION	SALE AMOUNT
4	CN203	RING SET	303.76
4	16R22291-P05	GUIDE	223.70
4	AEL19001	VALVE	792.76
8	31C-12	STUD	43.06
8	LW-11795	SPRING	115.63
8	LW-11800	SPRING	181.51
8	17C21191	KEY	57.24
4	75906	GASKET	9.68
4	71973	GASKET	4.97
4	77611	GASKET	34.42
4	71481	O-RING	17.14
8	LW-18661	SEAL	22.32
8	70310	SEAL	9.94
4	LW-12272	LOCK-TAB	6.37
TOTAL			1,822.50

LABOR	1,900.00
TOTAL PARTS	1,822.50
MISCELLANEOUS PARTS	
SHIPPING	
TAX	
TOTAL	3,722.50

I hereby authorize the following work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above aircraft to secure the amount of repairs thereto.
 You will not be held responsible for loss or damage to the aircraft or articles left in the aircraft in case of fire, theft, or any other cause beyond your control.

X

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				
N: <u>713EC</u> Tach: <u>1300.8</u> HM/TT: _____				
<u>3/1/18</u> Right				
1- Drain oil, collect sample, Remove filter and suction screen for inspection, re-install screen and new 48110-2 filter and safety both.				
Man up & ops/leak check.				
* Service w/ 11 qts Aeroshell 15/50W				
<hr/> 2 hr 3/1/18				
Lynn R Mace AP 3118643 IA 				
5-1-18	1055.2	1324.2		1- Drain oil, remove filter and screen for contaminant inspection and found to be satisfactory. Install new 48110-2 filter, re-install screen & safety. Service w/ 10 qts Aeroshell 15W/50.
				2- Repaired baffling @ airbox intake. Re-attached loose rubber seals. Tighten and check intake hoses, oil lines, Turbo v-bands and valve cover screws. Replace Stratoflex 193-3 hose from MP to turbo controller, clean, gap & test all spark plugs, re-torque loose intake tube #3 cyl.
2 hr Mace AP 3118643				
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				 <p>N: <u>713EC</u> Tach: <u>1321.2</u> HMD: <u>1055.2</u> R</p> <p><u>51118</u></p> <ol style="list-style-type: none"> 1) Aircraft engine and propeller inspected in accordance with FAR part 43 appendix (D) 2) Compression test: (1) <u>75/80</u> (2) <u>75/80</u> (3) <u>75/80</u> (4) <u>75/80</u> (5) <u>76/80</u> (6) <u>75/80</u> 3) See FAA Airworthiness Directive Compliance Record dated <u>51118</u> or later for current status, next due date and time. <p>"I certify that this aircraft engine and propeller has been inspected in accordance with an <u>Annual</u> 100hr inspection and was determined to be in airworthy condition."</p> <p><u>2 h Mace</u> <u>51118</u></p> <p>Lynn R Mace AP 3118643 IA</p> 
<u>10-12-18</u>			<u>1350.4</u>	<p>Drain oil, remove filter, <u>unc</u> open and inspect. Install new <u>40110-2</u> filter & service w/ <u>10 yrs</u> <u>Acrosshell</u> <u>15/50w</u>.</p> <p>Remove left mag and replace gaskets <u>LW 62224</u> & <u>LW 12681</u>. Re-install mag & <u>timed</u>.</p> <p>Swap #5 fuel injector for one on left engine.</p> <p><u>2 h Mace</u> <u>AP 3118643</u></p>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10-22-18		HM = 1379.7		Remove bottom cowling, Replaced oil return lines # 1, 3, 5 (mil-H-6000-3). Install new TIT probe (Insight # 2872). Re-seal oil dipstick tube & safety. Re-install cowling. Adjust MP per L-SI 1187J ZHM AP 3118643
6-18-19		1120.7	1387.6	Drain oil, Remove filter & suction screen for inspection, found satisfactory. Install new 48110-2 oil filter, re-inst screen & service w/ 10 qts Aeroshell 15150w. Clean, gap & test all spark plugs. Remove valve covers for exhaust valve spring inspection. Re-inst w/ new 75906 gaskets. adjust mp per SI 1187J adjust prop governor for proper rpm. ZHM AP 3118643 JA



N: 713EC Tach: 1387.6 HM/TT: 1120.7 R
TSMOH

6/18/19

- 1) Aircraft engine and propeller inspected in accordance with FAR part 43 appendix (D)
- 2) Compression test: (1) 25/80 (2) 26/80 (3) 26/80 (4) 22/80 (5) 25/80 (6) 26/80
- 3) See FAA Airworthiness Directive Compliance Record dated 6/18/19 or later for current status, next due date and time.

"I certify that this aircraft engine and propeller has been inspected in accordance with an Annual 100hr inspection and was determined to be in airworthy condition."

ZHM 6/18/19



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
2/20/20				Removed engine driven fuel pump and sent out for overhaul by CFS FAA CRS 91KPR369B WO # 10 CURB dated 2/19/2020. And Re-installed, ops tested ZHM AP 3118643
6-24-20				Drain oil, remove filter and suction screen. Cut filter and inspect, (no metal) Re-install screen w/new AN900 gasket. Install new AA48110 oil filter and service w/ 10 qts Aeroshell 15/50W. clean spark plugs. ZHM AP 3118643
6-24-20				CW AD 2015-19-07 by Insp due @ - ZHM AP 3118643



N: 713EC

Tach: _____

HMPT: 1389.9

7/1/2020

1123.9 TSMOH

- 1) Aircraft engine and propeller inspected in accordance with FAR part 43 appendix (D)
- 2) Compression test: (1) 73/80 (2) 78/80 (3) 76/80 (4) 76/80 (5) 76/80 (6) 74/80
- 3) See FAA Airworthiness Directive Compliance Record dated 7/1/20 or later for current status, next due date and time.

"I certify that this aircraft engine and propeller has been inspected in accordance with an Annual/100hr inspection and was determined to be in airworthy condition."

ZHM

7/1/2020

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
9/1/21	1153.2	1419.2		Changed oil and filter. Install new AA48110-2 filter, service w/ Aeroshell 15/50W. Removed waste gates and sent to ATC for overhaul w/o # 40889/40890 6/16/2021 CRS # Q5AR1844, clean, gap & rese spark plugs, re-install waste-gates. Z L Mace AP 3118643



N: 713EC Tach: 1419.2 HM/TT: 1153.2
TSM014

9/1/2021

- 1) Aircraft engine and propeller inspected in accordance with FAR part 43 appendix (D)
- 2) Compression test: (1) 68/80 (2) 74/80 (3) 72/80 (4) 68/80 (5) 72/80 (6) 74/80
- 3) See FAA Airworthiness Directive Compliance Record dated 8/25/21 or later for current status, next due date and time.

"I certify that this aircraft engine and propeller has been inspected in accordance with an Annual 100hr inspection and was determined to be in airworthy condition."

Z L Mace 9/1/2021

Lynn R Mace AP 3118643 IA



SUB-TOTALS this page
TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				



AGL Aviation Services, LLP
 3550 Foothills Airport Rd
 Morganton NC 28655-7717
 828-391-8645

Make: Piper
Model: PA-23-250 (Navy UO-1)
Tail: N713EC
S/N: 27-7554151

Hours: 1454.9

RH ENGINE ANNUAL - AD 2015-19-07 Fuel Injector lines DUE 1519.2

NO OIL CHANGE DUE TO STRIPPED / SIEZED DRAIN PLUG.

Performed Annual Inspection as follows per FAR Appx D. Compression #1 78/80 #2 78/80 #3 79/80 #4 78/80 #5 78/80 #6 78/80 . Changed Oil Filter . Cut filter and found no metal. Cleaned , Gap , Rotated, replaced crush gaskets on the sparkplugs . C/W AD 03-14-03 Rotary Fuel Pump , C/W Para (B)(4) Visual inspection , next due 50 hour TIS. Performed engine run up , leak check, systems check and taxi check of all systems on the ground. No leaks or other defects noted at this time . The below statement in no way, implies or guarantees that this aircraft, or engine, or accessories will continue to function for any period of time after this inspection, and only states that this aircraft was inspected and certified to comply with all applicable Federal Aviation Administration Standards, Airworthy Directives and FAR 43 Appendix D. I certify that this has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. --- END ---

Signed: 
Name: Wesley Zimmer
Cert: AP3814494IA
Date: ~~11/09/2022~~
 12/22/22

Hours: 1454.9

RH ENGINE:

Drained oil and serviced engine with 10 QTS Aeroshell 15W-50 . Installed new Curtis Oil Drain Valve P/N CCB38000 with tool provided. Performed engine run and no leaks noted at this time. Found safe to return to service at this date. ---END---

Signed: 
Name: Wesley Zimmer
Cert: AP3814494IA
Date: 12/22/2022

SUB-TOTALS this page

TOTALS—Carry forward to next page