

N51732#1

LYCOMING

A Textron Company

ENGINE LOG

SSP-1872-1

LYCOMING

A Textron Company

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING

MAKE

MODEL

SERIAL

FROM _____ 20 _____ TO _____ 20 _____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP-1872-1

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October 1994

LYCOMING

A Textron Company

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

Form No. 2481 (3/04-LM)

This engine has been rebuilt in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **IO-540-AB1A5**

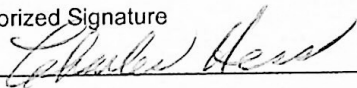
Serial #: **RL-26695-48E**

Total Time: **0.0**

Work Order #: **AR466356**

Date Completed: 1/13/11

Authorized Signature



Lycoming Engines

652 Oliver Street
Williamsport, PA. 17701
Production Certificate # 3

ENGINE DESCRIPTION

Mfgr.	LYCOMING	Place	Williamsport, PA 17701	Date
Type		Model		Serial No.
Rated H.P.		Max. H.P.		Weight (Dry)
Rated R.P.M.		Max. R.P.M.		Oil Pressure
Bore		Stroke		Displacement Cu. In.
Compression Ratio		Supercharger Ratio		
Reduction Gear Ratio				
Propeller		Hub Design		Hub Serial No.
Blade Design		Blade Serial No.		Blade Serial No.
Max. Hub H.P.		Max. Blade H.P.		
Pitch		Diameter		Length
Name				
Address				

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA

94550 925-606-7640 shop 925-449-2142 office

N51732 Date: 3/17/11 Tach Time: 2678.1 SMOH: 0.0 Total Time: ~~2678.1~~ *0.0*

Installed this engine IO-540-AB1A5 S/N RL-26695-48E into aircraft N51732.

Installed 9 qts Aero shell 100 mineral oil. Completed A/D 2008-14-07 fuel injector lines. No defects. Next due @ 2778. Prop & governor O'hauled this date see prop log. Ran engine, all temps normal & no leaks detected.

I certify this engine has been inspected IAW a 100hr inspection and was determined to be in an airworthy condition and is approved to return to service.

Authorized Signature *[Signature]*

Certificate #2802232A&P

OG

Serial No. _____

REMARKS

Signature

License
Number

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA
94550 925-606-7640 shop 925-449-2142 office

N51732 Date: 5/5/11 Tach Time: 2699.3

Replaced oil and filter with 9 qts Aero Shell 15W50 & CH48110-1 filter.

Authorized Signature *[Signature]*

Certificate #3247468A&P

Page Total

Brought Forward

Total to Date

Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA

94550 925-606-7640 shop 925-449-2142 office

N51732 Date: 8/26/11 Tach Time: 2786.1 SMOII: 108.0 Total Time:

~~2780.1~~ 105.0 *AS*

This engine has been inspected IAW an Annual inspection and was determined to be in an airworthy condition and is approved for return to service.

Authorized Signature

Certificate #1A3034133A&P

3

Serial No. _____

ARKS

Signature

License
Number

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA
94550 925-606-7640 shop 925-449-2142 office

N51732 Date: 10/21/11 Tach Time: 2848.2

This engine has been inspected IAW a 50 hr inspection per Ahart checklist. Completed A/D 2008-14-07 fuel injector lines. No defects. Next due @ tach 2948.

Replaced oil and filter with 9 qts Aero Shell 15W50 & CH48110-1 filter.

Authorized Signature

Certificate #2802232A&P

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

License
Number

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA

94550 925-606-7640 shop 925-449-2142 office

N51732 Date: 7/16/12 Tach Time: 2989.0 SMOH: 310.9 Total Time: 310.9

This engine has been inspected IAW a 100 hr inspection per FAR 43 appendix "D".
Replaced oil & filter with 9 qts Aero Shell 15w50 & CH48110-1 filter. Completed
A/D 2011-26-04 fuel injector lines by visual. No defects. Next due @ 3089. I certify
this engine was determined to be in an airworthy condition and is approved to return
to service.

Authorized Signature

Certificate #3247468A&P

G

Serial No. _____

MARKS

Signature

License
Number**Ahart Aviation Services Inc.** 186 Airway Blvd. Livermore, CA

94550 925-606-7640 shop 925-449-2142 office

N51732 Date: 7/16/12 Tach Time: 2989.0 SMOH: 310.9 Total Time:
310.9

This engine has been inspected IAW an Annual inspection and was
determined to be in an airworthy condition and is approved for return to
service.

Authorized Signature

Certificate #1A3034133A&P

Page Total

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Total to Date

Certificate Number MUST be Shown.

**All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.**

Certificate #AP2802232

[illegible]**IG**

Serial No.

MARKS	Signature	License Number

94550 925-606-7640 shop 925-449-2142 office

N51732 Date: 3/25/2013 Tach Time: 3189.4 SMOH: 511.3 Total Time: 511.3

This engine has been inspected IAW a 100 hr inspection per FAR 43 appendix "D". Replaced oil & filter with 9 qts Aeroshell 15w50 & CH48110-1 filter. Completed A/D 2011-26-04 fuel injector lines by visual. No defects. Next due @ 3289.4. Replaced 7 spark plugs P/N's UREM38E. I certify this engine was determined to be in an airworthy condition and is approved to return to service. Authorized

Signature B. H. H.

Certificate #AP3247468

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA
94550 925-606-7640 shop 925-449-2142 office
N51732 Date: 5/23/2013 Tach Time: 3244.8

This engine has been inspected IAW a 50 hr inspection per
Ahart checklist. Replaced oil and filter with 9 qts Aero Shell
15W50 & CH48110-1 filter.

Authorized Signature

Certificate #3247468A&P

LOG

Serial No. _____

REMARKS

Signature

License
Number

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

[illegible]

SkyView Aviation →

SkyView Aviation, LLC
5749 S Tracy blvd
Tracy, CA 95377
(209)830-7666

N Number: N51732 Tach: 3292.7 SMOH: 614.6

Complied with **Annual Inspection** in accordance with Cessna Service Manual and FAR 43 Appendix D. Oil sample taken for oil analysis. Inspected old oil filter for contamination, none found at this time. Installed new Tempest AA48110-2 oil filter and 9 Qts of Phillips66 20W-50. Cleaned, inspected and gapped spark plugs, installed with new gaskets P/N: M-674. Installed new valve cover gasket P/N: SA534857 on cylinder 3. Installed Knisley overhauled left hand exhaust tail pipe P/N: 9954200-011. Checked timing. Ground run up and leak check ok. Compression as follows: 1) 80/80, 2) 78/80, 3) 79/80, 4) 77/80, 5) 68e/80, 6) 76/80. See AD compliance sheet dated 10/26/2013. I certify this Engine has been inspected in accordance with an Annual Inspection and determined to be in Airworthy Condition.

~~END~~

Ricky S. Eckert A&P 3686200 IA
Date: 10/26/2013 X

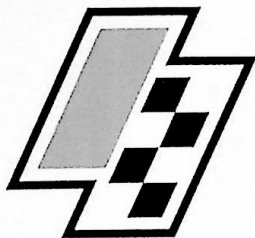
**License
Number**

of a

ENGINE LOG

N51732 Cessna 182T

Serial No. _____



2/1/2015 Tach: 3298.5 Hobbs: 377 .6

ATT: 3292.7 ETT: 620.4 ETSMOH: 620.4

PTT: 3292.7 PTSMOH: 620.4

Engine TT: 620.4 3/16

Performed **Annual Inspection** on this engine under FAR 43 Appendix D. Drained oil and serviced with 9 QTS Phillips 15W50. Installed new oil filter CH48110-1. Removed cylinder #5 for low compression and burning on exhaust valve. Sent to One Stop Aviation for repair. Installed repaired cylinder. Torqued base nuts per Lycoming Overhaul Manual. Complied with AD 2011-26-04 by visual inspection. Next due at 3398.5 HRS. I found this engine to be in airworthy condition and safe for return to service. J. Carter AP3419249IA

Signature	License Number

Endorsement of a Rating and
hown.

Eclectic Aviation
607 Gold Street
Manteca, CA. 95336
+1(209)390-3887 cell

Rick S. Eckert
A&P/IA 3686200
rickee_rickee@yahoo.com

No. _____

N51732

Cessna 182T

Date: 04/01/2016

Lycoming IO-540-AB1A5

Engine TT: ~~3311.5~~ 640.2

AFTT: 3792.0

S/N: 18281088

Tach: 3318.3

S/N: RL-26695-48E

SMOH: 640.2 ✓

Complied with an Annual Inspection in accordance with FAR 43 Appendix D. Due to low hours since last oil change, oil and filter was deferred. Installed new Bracket air intake filter P/N: BA-3. Checked timing. Pressure checked exhaust, No leaks at this time. Cleaned filter to electric fuel pump and Safetied. Installed new valve cover gaskets Aircraft Spruce P/N: 05-11181, qty 6. Installed new cylinder oil return rubber connectors. Washed down Engine. Performed ground run up and leak check good. Compressions as follows: 1)77/80 2)79/80 3)77/80 4)79/80 5)77/80 6)79/80. I certify this Engine has been inspected in accordance with an Annual Inspection and is determined to be in Airworthy Condition.

END

Rick S. Eckert A&P 3686200 IA

Signature

License
Number

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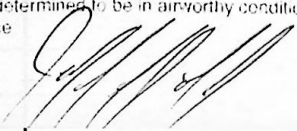
All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG
N51132 Engine Model: IO-540-AB1A5 S.N. RL-26695-48E

Date: 1/20/2018 Tach: 3327.1 ETT: 3327.1 PSMOH: 649.0

This engine has been inspected IAW an annual insp. per FAR 43 Appendix D performed comp test 1) 76/80 3) 73/80 5) 72/80 2) 76/80 4) 77/80 6) 75/80 Replaced oil and filter with new P.N. CH48110-1 and 9 qts Aeroshell 15w50 Inspected and cleaned oil screen no flaws found P.N. KN900-16 Replaced induction air filter P.N. 0750038-7 next due @ 3827.1 Replaced right exhaust tip P.N. A9954200-1 cleaned and tested all spark plugs. Complied with AD 2011-26-04 per MSB342E fuel injection lines and clamps no flaws found at this time next due 3427.1 I certify this engine has been inspected IAW an annual inspection and was determined to be in airworthy condition and is approved for return to service

Certificate# AP30411231A



Serial No. _____

REMARKS

Signature

License
Number

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

SkyView Aviation →

ENGINE
SkyView Aviation, LLC
5749 South Tracy Blvd
Tracy CA, 95377
(209)830-7666

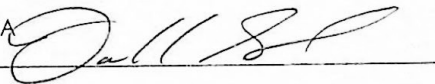
N Number: N51732 Tach: 3327.7 TT: 3327.7 SMOH: 649.6

Complied with an **Annual Inspection** in accordance with CFR 43 appendix "D". Changed oil filter and installed new Tempest AA48110-2 oil filter. Inspected old filter for contaminants, none found at this time, oil was new. Spark plugs were cleaned, gapped, ohmed, tested, rotated, and re-installed with 12 new M674 spark plug gaskets. Compressions #1: 79/80 #2: 79/80 #3: 76/80 #4: 79/80 #5: 75/80 #6: 79/80. Washed engine and test ran for leaks and proper operation, no leaks found at this time. Complied with AD 2015-19-07 fuel injector fuel lines in accordance with Lycoming Engines MSB No. 342 by visual inspection, no defect found at this time. Next due after any maintenance is done on the engine where any clamp on the fuel injector fuel line was disconnected, moved, or loosened, and within every 110 hours time in service and after each engine overhaul. For more AD information see AD list dated 06/17/2022 and old aircraft records. I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

-----END-----

Donald Snock AP 3061833 IA

Date: 06/17/2022 X



Serial No. _____

	Signature	License Number

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and his Rating and
ST be Shown.

ENGINE LOG

Serial No. _____

Date: 10/09/2023

Engine

N51732 LYCOMING TIO-540-AB1A5 S/N: RL-26695-48E Tach: 3328.2 SMOH: 650.1 TT: 3328.2

Complied with an **Annual Inspection** in accordance with CFR 43 Appendix "D".

1. Drained oil and removed oil filter and oil suction screen and inspected for contaminants, none found at this time.
2. Installed new Champion CH48110-1 oil filter and reinstalled suction screen using new 06E19769-1.00 crush gasket and serviced with 9 quarts of Aeroshell W15W50 oil.
3. Performed compression test of all cylinders: #1: 78/80, #2: 77/80, #3: 77/80, #4: 75/80, #5: 75/80, #6: 78/80.
4. Removed, cleaned, gapped, resistance checked, inspected, tested, rotated, and reinstalled 12 spark plugs using 12 new M674 spark plug gaskets.

For AD information see AD list dated 10/03/2023 and old aircraft records.

I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Donald Snock AP 3061833 IA

