

LYCOMING

ENGINE LOG

Book # 2

SSP-1872-1

LYCOMING

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

© 1994 by Textron Lycoming "All Rights Reserved"

October 1994

Rebuilt Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been REBUILT in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. 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.

Serial Number RL-28057-48E

Engine Model IO-540-AB1A5

Work Order AR550933

Total Time 0.0

Authorized Representative Date

 11/14/12

Production Certificate #3

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

Lycoming Engines is a division of Avco Corporation

Form 2481 Rev 07/12

LYCOMING

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					



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 01-18-13 Tach & TTAF : 1995.1 TTE: 0.0

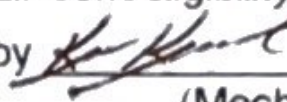
Installed this engine IO-540-AB1A5 S/N RL-28057-48E this date in aircraft N153TA S/N 182 81053 using new engine mount kit Cessna P/N J-23508-1, new starter model # 149-24LS S/N F4L-341209, new firewall fwd flammable fluid carrying hoses, overhauled oil cooler (see FAA form 8130-3), overhauled prop governor (see FAA form 8130-3). Serviced with Aero Shell 100 straight mineral oil. Ground run opps & leak check good

Ken Kerstetter  A&P 3462897

FAA - PMA

This tag certifies that Sky-Tec Model No 149-24LS
Serial No F4L-341209 was manufactured new on 7 Aug 2011
by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement
No. 1 per CFR14 Part 21 in accordance with Sky-Tec's
FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and
conforms to the relevant FAA-approved drawings. This part has been
determined to be airworthy.

For installation eligibility see www.skytecair.com/eligibility.htm

Starter Installed on N 153TA by  3462897 A&P
(Aircraft) (Mechanic)

Form CC1108-1



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 01-31-13 Tach & TTAF : 2000.9 TTE: 5.8

Changed oil & filter. Inspected filter, no metal found. Serviced with Aero Shell 100 straight mineral oil. Ground run opps & leak check good

Robert Scott  A&P 2719327



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 04-26-2013 Tach & TTAF : 2029.0

Changed oil & filter. Inspected filter, no metal found. Serviced with Aero Shell 100 straight mineral oil. R&R prop governor for repair by Santa Monica Propeller, see FAA form 8130. Ground run opps & leak check good

Ken Kerstetter  A&P 3462897



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 08-01-13 Tach: 2063.9 TTE: 68.8

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100plus. Compressions #1-78, #2- 79, #3- 78, #4- 78, #5- 79, #6- 79. C/W AD 11-26-04 injector lines next due 2163.9 . I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Robert Scott  A&P 2719327



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 10-18-2013 Tach & TTAF : 2099.0 TTE: 103.9

Changed oil & filter. Inspected filter, no metal found. Serviced with Aero Shell 100 Plus. Ops and leak check good.

Ken Kerstetter  A&P 3462897

cessa
umber



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE
145 S. GENE AUTRY TRAIL**

N153TA 02-02-14 TTAF & Tach: 2144.7 TTE: 149.6

Removed engine IO-540-AB1A5 S/N RL-28057-48E this date and shipped for repair.....

Robert Scott

A&P 2719327

Page Total

Brought Forward

Total to Date

REPAIRS - ADJUST

ENGINE LOG

Serial No. _____

WARNING

- When installing drive gear or driver onto magneto, torque nut provided to 120 to 180 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin.

FAA-PMA Approved

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

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

Magneto Model No.

6351

Magneto Serial No.

13101263

Date of Installation

L-1543

March 30, 2009

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

License
Number

ENGINE LOG

Serial No. _____

WARNING

- When installing drive gear or driver onto magneto, torque nut provided to 120 to 180 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin.

FAA-PMA Approved

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

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

Magneto Model No.

6351

Magneto Serial No.

13101285

Date of Installation

L-1543

March 30, 2009

Endorsement of a
Rating and

Certificate Number MUST be Shown.

Total to Date

Signature

License
Number

Date

Time

Hrs

Min

ENGINE LOG

Serial No. _____



EAGLE ENGINES

FAA Repair Station NO3R717L

Work Order: 17586-02-2014

Date: 3/17/2014

Engine Make: Lycoming

Engine Model: IO-540-AB1A5

Serial No.: RL-28057-48E

Total Time: SMOH:

1. IRAN inspection only of (1) Lycoming engine as per mandatory service bulletin 533A & 475C and A.D. 2004-10-14.
2. Engine has been Disassembled, Cleaned, Inspected and Reassembled in accordance with all applicable FAA Regulations and Manufacturer's Current Overhaul Manual 60294-7-14.
3. Crankcase certified by Nickson's Machine Shop, Inc., Magnetos by Champion Aerospace, Inc.
4. The following airworthiness directives have been complied with: 2004-10-14C, 2011-26-04.
5. See front of log for A.D. listing details.
6. See rear of log for maintenance releases.
7. Total time to be entered by installing agency.
8. Engine test run satisfactory.
9. Engine not installed by Eagle Engines.
10. Nothing follows.

ENGINE LOG

Serial No. _____

Date	Time		DETAILS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	M			
			 <p>EAGLE ENGINES REPAIR STATION No. NO3R717L 20208 CHARLANNE DRIVE REDDING, CA 96002</p>		
			WORK ACCOMPLISHED: "IRAN"		
			THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER		
			WORK ORDER # 17586-02-2014		
			INVOICE # 17586-02-2014 DATED: 3/17/2014		
			SIGNED  (AUTHORIZED INDIVIDUAL)		
			Brought Forward	he Endorsement of a	
			Total to Date	Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE
145 S. GENE AUTRY TRAIL**

N153TA 04-02-14 TTAF & Tach: 2144.7 TTE: 149.6

installed engine IO-540-AB1A5 S/N RL-28057-48E this date in to Cessna 182 N153TA S/N 18281053. Serviced with Aero Shell straight mineral oil. Ground run opps and leak check good.....

Robert Scott

A&P 2719327



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE
145 S. GENE AUTRY TRAIL**

N153TA 08-15-14 Tach: 2167.3 TTE: 172.2

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 mineral. Compressions #1-79, #2- 78, #3- 78, #4- 78, #5- 79, #6- 79. C/W AD 11-26-04 injector lines next due 2267.3 . I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Ken Kerstetter

A&P 3462897



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE
145 S. GENE AUTRY TRAIL**

N153TA 01-22-2015 Tach : 2202.7

Changed oil & filter. Inspected filter, no metal found. Serviced with Aero Shell 100 Plus. Ops and leak check good.

Ken Kerstetter

A&P 3462897

nt of a

License
Number



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE
145 S. GENE AUTRY TRAIL**

N153TA 07-15-15 Tach: 2233.5 TTE: 238.4

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Compressions #1-78, #2- 75, #3- 78, #4- 76, #5- 78, #6-77. C/W AD 11-26-04 injector lines next due 100 hrs . I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Robert Scott

A&P 2719327



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE
145 S. GENE AUTRY TRAIL**

N153TA 07-28-16 Tach: 2312.6 TTE: 317.5

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Compressions #1-78, #2- 78, #3- 79, #4- 79, #5- 79, #6-78. C/W AD 15-13-07 injector lines next due 100 hrs . I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Robert Scott

A&P 2719327



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE
145 S. GENE AUTRY TRAIL**

N153TA 05-17-17 Tach: 2365.0

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Ground run opps and leak check good. Oil sample sent for analysis....

Robert Scott

A&P 2719327

anse
nber



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 07-25-17 Tach: 2381.7 TTE: 386.6

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Replaced mixture control rod end. Removed mags and installed after 500 hr inspection (see FAA forms 8130-3's). Removed fuel servo and flow divider and installed after repair (see FAA forms 8130-3's). Compressions #1-79, #2- 78, #3- 78, #4- 79, #5- 79, #6-78. C/W AD 15-13-07 injector lines next due 100 hrs . C/W AD 84-26-02 paper air filter next due 500 hrs. Ground run opps and leak check good. I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Robert Scott  A&P 2719327



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 07-11-18 Tach: 2435.0 TTE: 439.9

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Compressions #1-78, #2- 78, #3- 77, #4- 78, #5- 78, #6-77. C/W AD 15-13-07 injector lines next due 100 hrs . C/W AD 84-26-02 paper air filter next due 500 hrs. Ground run opps and leak check good. I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Samuel W. Taflinger  A&P 3319389

**COASTAL VALLEY
Aviation Inc.**

(805)928-7701 • www.cvamx.com

Lycoming IO-540AB1A5 SN RL-28057-48E

ENGINE
DATE: 4/30/2018
N153TA

Tach: 2626.5

1. Changed oil and filter with Aeroshell W100 plus


Richard Holder A&P 3340719 IA



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 02-20-19 Tach: 2474.6

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Ground run opps and leak check good..

Robert Scott  A&P 2719327

1 2 3 4 5 6 7 8 9 10 11 12



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 07-19-19 Tach: 2489.8 TTE: 494.7

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Compressions #1-78, #2- 79, #3- 78, #4- 78, #5- 78, #6-79. C/W AD 15-13-07 injector lines next due 100 hrs . Ground run opps and leak check good. I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Robert Scott  A&P 2719327

1 2 3 4 5 6 7 8 9 10 11 12

1A



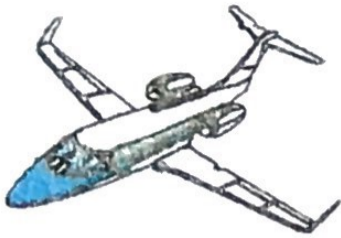
**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 07-17-20 Tach: 2535.4 TTE: 540.3

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Compressions #1-79, #2- 79, #3- 77, #4- 79, #5- 78, #6-79. Removed mags and installed after 500 hr inspection by Aircraft Magneto Service. C/W AD 15-13-07 injector lines next due 100 hrs . Ground run opps and leak check good. I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Robert Scott  A&P 2719327

1 2 3 4 5 6 7 8 9 10 11 12 license number



**PALM SPRINGS AIRCRAFT
MAINTENANCE SERVICE**
145 S. GENE AUTRY TRAIL

N153TA 08-01-21 Tach: 2581.8 TTE: 586.7

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Compressions #1-79, #2- 78, #3- 78, #4- 78, #5- 77, #6-79. C/W AD 15-13-07 injector lines next due 100 hrs . Ground run opps and leak check good. I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Robert Scott

A&P 2719327



145 N. Gene Autry Trail
Palm Springs, CA 92262
760-325-7106
www.casaerosolutions.com

N153TA 06-10-22 Tach: 2633.1 TTE: 638.0

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Ground run & leak check good....

Robert Scott

A&P 2719327

I Rep
rtific
rtific

KS



145 N. Gene Autry Trail
Palm Springs, CA 92262
760-325-7106
www.casaerosolutions.com



N153TA 09-06-22 Tach: 2643.8 TTE: 648.7

Changed oil & filter, inspected filter, no metal found, serviced with Aero Shell 100 plus. Replaced all valve cover gaskets & CHT probe. C/W injector nozzle cleaning. Compressions #1-78, #2- 78, #3- 77, #4- 78, #5- 77, #6-79. C/W AD 15-13-07 injector lines next due 100 hrs . Ground run opps and leak check good. I certify this engine has been inspected I/A/W a 100 hr / annual inspection within the scope & detail of FAR 43 appendix D and was determined to be in airworthy condition.....

Robert Scott

A&P 2719327

cense
umber