

DATE

TOTAL TIME IN

TOTAL TIME SINCE

TACH OR RECORDING METER

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

# TEXTRON Lycoming

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

TLRED-489  
(Rev. 10-96)

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All applicable Federal Aviation Administration Airworthiness Directives and Textron 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 either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model:

Serial #:

Total Time:

Work Order #:

Date Completed:

O-540-L3C5D

RL-26028-40A

0.0

PL0511105

5/26/01

Authorized Signature S.F. [Signature]

Textron Lycoming

652 Oliver Street

Williamsport, PA 17701

Repair Station: EJ1R115K

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Make/Model LYCOMING O-540-L3C5D

Serial No RL-26028-40A

Time ENGTT: 0.0



Reg. No N2526S

Date 06/19/01

**Log Book Entry**

INSTALLED ENGINE ON AIRCRAFT S/N 01347. SERVICED ENGINE WITH AEROSHELL MINERAL OIL. ENGINE RIGGING AND RUN PERFORMANCE EVALUATION COMPLETED. ALL WORK ACCOMPLISHED I/A/W CESSNA TR182, LYCOMING O-540 MAINTENANCE MANUALS AND IS APPROVED FOR RETURN TO SERVICE. ACTT: 2604.1 HOBBS: 1451.8. END

Work Order 17220

Authorized Signature

F.A.A. Certified Repair Station WD4R618M

**Banyan Air Service**

1575 W. Commercial Blvd. Ft. Lauderdale, Fla 33309 954-491-3170 Fax 954-491-1612

Make/Model: CESSNA C182

Serial No. R18201347

Time: ACTT: 2613.60



Reg No.: N2526S

Date: 07/24/01

**Log Book Entry**

\*\*\* ENGINE ENTRY \*\*\* PERFORMED ENGINE OIL AND FILTER CHANGE. DRAINED ENGINE OIL AND REMOVED OILFILTER P/N CH48103. FILTER CUT OPEN FOR CONTAMINATION INSPECTION AND NONE NOTED AT THIS TIME. INSTALLED NEW OIL FILTER P/N CH48103 AND REPLENISHED ENGINE WITH 8 QTS AEROSHELL 100 MINERAL OIL (BLUE). INSTALLED NEW WASHERS P/N S1438-11, BUSHINGS P/N S1003-91B, AND BOLT P/N 2250053-1 ON ENGINE LINKAGES. ENGINE LEAK AND OPERATIONAL CHECKS COMPLETE AND SATISFACTORY. ALL WORK ACCOMPLISHED I/A/W C182 MAINTENANCE MANUAL AND IS APPROVED FOR RETURN TO SERVICE. END

Work Order: 17499

Authorized Signature:

F.A.A. Certified Repair Station WD4R618M

Banyan Air Service 1635 NW 51st Place Ft. Lauderdale, FL 33309 Phone: 954.491.3170 Fax: 954.491.1612

August 9, 2002: Cessna TR182, N2526S. Engine Lycoming O-540-L3C5D, ser # RL-26028-40A.. Tach Time 2719.0 hrs. 100 hr inspection completed this date. Oil changed Aeroshell 100W. Oil filter replaced, part # CH48103. Compator check: #1-75, #2-75, #3-75, #4-76, #5-75, #6-75/ 80 PSI. Spark plugs cleaned and checked. Timing checked. Intake and exhaust system checked. Lycoming addative # LW-16702 added to engine oil. AD2002-12-07 OIL FILTER CONVERTER PLATE, N.A. by date of overhaul. Engine washed and ground run.

**BARBER AVIATION**  
4130 AVIATION DR.  
MADERA, CA 93637  
(559) 675-0183

I CERTIFY THAT THIS ENG. HAS BEEN INSPECTED IN ACCORDANCE WITH 100hr INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION.  
DATE 8/9/02 TOTAL TIME 114.9 HRS  
LAWSON E. BARBER 1A1396894 W.O. # 4688.

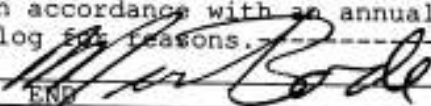
**BODE ENTERPRISES (559) 675-9100 MADERA AIRPORT CALIFORNIA**

DATE: 1oct03 | REG: N25268 | LOG-BOOK ENTRY | tach. 2743.2 | W/O: 2003100

C/W 100 hr annual inspection, oil and filters changed by another shop, we removed the suction screen no contamination found, clean and gap all spark plugs, wash eng, ground check for operation fuel and oil leaks, change propeller spinner backing plate's P/N C504-6, reinstall prop. I certify this engine has been inspected in accordance with an annual inspection and found unairworthy see air craft log for reasons.

Michael E. Bode A&P 1926285 IA

EMB



PALO ALTO AERO SERVICES

Date 9/15/04  
Tach. 2852.9  
Total 248.89  
S.M.O. 248.8

I certify I have inspected this engine  
In accordance with an annual inspection  
Ken Phillips IA 555827590



PALO ALTO AERO SERVICES INC.

Date 1/15/05  
Tach. 2900

Changed oil & filter Shell 15/50

Ken Phillips A&P 555827590



PALO ALTO AERO SERVICES INC.

Date 8/18/05  
Tach. 2949

Changed oil & filter

Ken Phillips A&P 555827590



PALO ALTO AERO SERVICES

Date 9/15/05  
Tach. 2960.2  
Total 356.1  
S.M.O. 356.1

I certify I have inspected this engine  
In accordance with an annual inspection  
Ken Phillips IA 555827590



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**PALO ALTO AERO SERVICES INC.**

Date 11/28/05  
Tach. 2996.9  
Changed oil & filter

Ken Phillips A&P 555827590



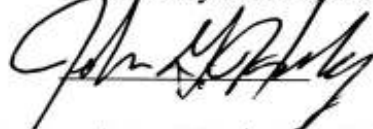
**PALO ALTO AERO SERVICES INC.**

Date 06/16/06  
Tach: 3044.5  
Changed Oil & Filter w/8 qts. Oil (W 100) & -103 filter.

Replaced gasket of intake runner #6 @ head.

Tightend, checked torque values and safety wiring of all hardware for Intake & Exhaust systems.

John Hardy A&P 3101243



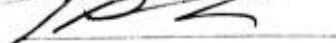
**PALO ALTO AERO SERVICES**

Date 4/2/07  
Tach. 3073  
Total 469  
S.M.O. 469

Palo Alto Aero Services

I certify I have inspected this engine  
In accordance with an annual inspection.  
Found to be in airworthy condition  
and returned to service.

Ken Phillips IA555827590



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PALO ALTO AERO SERVICES INC.

Date 2/15/08  
Tach.3121  
Changed oil & filter.  
Ken Phillips A&P 3277903




PALO ALTO AERO SERVICES

Date 5/1/08  
Tach. 3123  
Total 519  
S.M.O. 519

Palo Alto Aero Services

I certify I have inspected this engine  
In accordance with an annual inspection.  
Found to be in airworthy condition  
and returned to service.  
Ken Phillips IA3277903



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
<b>PALO ALTO AERO SERVICES INC.</b>				rd from previous page
Date. 7/20/09				
Tach 3173				
Total. 3173				
<p>I certify I have inspected this engine            In accordance with an annual inspection            And found to be in airworthy condition            And returned to service.            Engine ran with out oil.            Teardown inspection.</p>				
<ol style="list-style-type: none"> <li>1. Cylindere honed &amp; reringed by Victor Aviation.</li> <li>2. Crankshaft , counter weights And crank gear inspected by Aircraft specialitys And returned to service.</li> <li>3. Crank case inspected and returned to Service by Divco.</li> <li>4. Replaced cam &amp; lifter bodys.</li> <li>5. Replaced crank &amp; rod bearings</li> <li>6. Replaced rod bolts &amp; nuts.</li> </ol>				
<p><b>Ken Phillips IA 3277903</b></p>				
<p>PALO ALTO AERO SERVICES INC.</p>				
<p>DATE. 11/20/09            Tach.3146            Changed oil &amp; filter            Replaced spinner supports.            Ken Phillips AP. 3277903</p>				
				

N2526S Engine  
 Cessna TR182 S/N 1R18201347  
 Lycoming O540-L3C5D S/N ~~34041-00A~~ TSN:614.8 S/N RL-26028-40A  
 McCauley B2D34C219 S/N 806701 TSN:3218.9 TSO:614.8  
 Actt:3218.9 Tach: 3218.9



Removed engine and sent to Western Skyways for inspection and repair as necessary. This aircraft and/or component identified above was repaired and/or inspected IAW applicable maintenance manuals and current Federal Aviation Regulations. W.O. MA-10-2850

Date: 16 August 2010

Signed:   
 Don Hart AP/IA 2804641



**WESTERN Skyways**  
 INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place Montrose, CO 81401 CRS # WS9R575J

Engine Model: O-540-L3C5D

Serial Number: RL-26028-40A

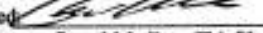
Time: 614.8 TSN

Work Order: 0026815

Date: 10/11/2010

This engine was disassembled for inspect and advise. All parts were cleaned and inspected. Crankcase M/N: 197 was fluorescent dye penetrant inspected and found serviceable. Crankshaft S/N: 88149 not affected by AD2006-20-09; was magnetic particle and dimensionally inspected; sent to Aircraft Specialties Services, Inc. for repair of the crank gear dowel per MSB475C, see FAA Form 8130-3 Tracking # AS-202414 dated 10/1/2010 for information. Replaced crank gear with new P/N: AEL19649P10 and new crank gear bolt P/N: AN8-14A. Replaced oil pump housing with new P/N: LW-10344 and new impeller kit P/N: 05K23436. Engine was reassembled using new rod and main bearings, new rod bolts and nuts, new counter weight bushings, pins, plates and snap rings, new gaskets and seals as necessary. Installed original camshaft and lifters. Magneto S/N: L190011G was 500 hr. inspected per TCM Manual X40000. Remaining accessories were cleaned and visually inspected only. Cylinders were honed and re-ringed, ring set P/N: ST203P10, all the pistons were replaced with new P/N AEL75089P10. Engine was run in a test cell for leak and operations check. All work was done IAW Lycoming Overhaul Manual 60294-7-12 and applicable Service Bulletins.

The engine and/or component identified above was repaired and inspected IAW current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this repair station under above work order.

Signed:   
 Rene Medina, Chief Inspector  
 CRS# WS9R575J


N2526S Engine  
 Cessna TR182 S/N 1R18201347  
 Lycoming O540-L3C5D S/N RL-26028-40A TSN:614.8  
 McCauley B2D34C219 S/N 806701 TSN:3218.9 TSO:614.8  
 Actt:3218.9 Tach: 3218.9



Complied with an Annual Inspection per the Tucson Aeroservice Center Checklist and FAR, Part 43, Appendix D. Complied with the following AD's: None due at this time. Replaced induction air filter P/N BA2505. Reinstalled engine and propeller after engine repair by Western Skyways (See logbook entry) (J. Mills). Replaced turbocharger inlet air duct (J. Berens). Installed new clamp for heat exchanger (J. Mills). Installed new Gill battery P/N G-243 S/N G02526847 (G. Klein). Installed overhauled fuel pressure gauge P/N 6314 S/N 143202 (J. Berens). Installed overhauled fuel boost pump P/N 4140-00-15RX S/N 14044 (J. Berens). All work performed IAW applicable maintenance manuals and current Federal Aviation Regulations. I certify that the aircraft and/or component identified above has received an Annual Inspection in accordance with FAR, Part 43, Appendix D and was determined to be in airworthy condition and is approved for return to service. Pertinent details are on file with Tucson Aeroservice Center. W.O. MA-10-2850

Date: 1 November 2010

Signed:   
 Ron Anders AP/IA 3384334

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><u>Trade Winds Aviation 2505 Cunningham Ave San Jose CA</u>  July 8, 2011 3293.1 N2526S</p> <ol style="list-style-type: none"> <li>1. Replaced tail pipe with new.</li> <li>2. Changed oil using 100M.</li> <li>3. Cut open oil filter and inspected element - no contamination</li> <li>4. Removed suction screen - no contamination</li> <li>5. Ran to verify no leaks.</li> </ol> <p>Thomas Nicholson A&amp;P, IA 2522802</p>
				<p>N2526S  Cessna TR182 S/N 1R18201347  Lycoming O540-L3C5D S/N RL-26028-40A TSN: 664.0  McCauley B2D34C219 S/N 806701 TSN: 3268.1 TSO: 664.0  Actt: 3268.1 Tach: 3268.1 Hobbs: 75.0</p> <p>Complied with an Annual Inspection per the Tucson Aeroservice Center Checklist and FAR, Part 43, Appendix D.</p> <p>Complied with the following AD's:  2011-13-03 does not apply. HET turbo not installed.</p> <p>Compression Test Results: #1) 75/80 #2) 77/80 #3) 78/80 #4) 77/80 #5) 77/80 #6) 78/80. Changed engine oil and filter p/n CH48103. Serviced engine with Aeroshell W100. Replaced oil inlet and outlet gasket on turbo charger. All work performed IAW applicable maintenance manuals and current Federal Aviation Regulations. I certify that the aircraft and/or component identified above has received an Annual Inspection in accordance with FAR, Part 43, Appendix D and was determined to be in airworthy condition and is approved for return to service. Pertinent details are on file with Tucson Aeroservice Center. W.O. MA-11-3480  Work performed by D Davis, H Huggins, C Hultman</p> <p>Date: <u>December 23, 2011</u></p> <p>Signed:   Troy Wagner FAA-CRS YXCR399X</p>
				<p><u>Trade Winds Aviation 2505 Cunningham Ave San Jose CA</u>  August 14, 2012 3313.7 Tach N2526S</p> <ol style="list-style-type: none"> <li>1. Changed oil using Shell W100.</li> <li>2. Inspected filter element and finger screen - no metal.</li> <li>3. Ran engine to verify no leaks.</li> </ol> <p>Thomas Nicholson A&amp;P 2522802</p>





DATE: N2526S  
Cessna TR182 S/N 1R18201347  
Lycoming O540-L3C5D S/N RL-26028-40A TSN: 728.8  
McCaughey B2D34C219 S/N 806701 TSN: 3332.7 TSO: 728.8  
Actt: 3332.7 Tach: 3332.7

Complied with an Annual Inspection per the Tucson Aeroservice Center Checklist and FAR, Part 43, Appendix D.

Complied with the following AD's:  
None due

Compression Test Results: #1) 78/80 #2) 70/80 #3) 77/80 #4) 77/80 #5) 78/80 #6) 77/80.  
Changed engine oil and filter p/n CH48103. Serviced engine with Aeroshell W100. Replaced induction air filter P/N BA2505. Replaced alternator mount bracket p/n 07A21443. Secured alternator adjustment arm. Repaired baffle forward of cylinder 2. Replaced cylinder 1 ignition lead. Expanded exhaust crossover slip joint for proper fit. All work performed IAW applicable maintenance manuals and current Federal Aviation Regulations. I certify that the aircraft and/or component identified above has received an Annual Inspection in accordance with FAR, Part 43, Appendix D and was determined to be in airworthy condition and is approved for return to service. Pertinent details are on file with Tucson Aeroservice Center. W.O. MA-12-3809  
Work performed by D Davis, H Huggins, G Klein, and J Berens

Date: January 1, 2013

Signed:   
Troy Wagner FAA-CRS YXCR399X

Trade Winds Aviation 2505 Cunningham Ave San Jose CA

May 14, 2013 3365.7 Tach N2526S

Engine Log Entry

1. Changed oil using Shell 100W.
2. Inspected filter element and suction screen for contamination, none found.
3. Ran engine to verify no leaks.

Thomas Nicholson A&P 2522802

Trade Winds Aviation 2505 Cunningham Ave San Jose CA  
February 14, 2014 3391.0 Tach / 786.9 SOH N2526S

O-540-L3C5D s/n RL26028-40A

1. Warmed up engine to operating temp.
2. Checked compression: All cyls 78/80.
3. Changed oil using Phillips 20W50XC.
4. Re-torqued rocker cover screws.
5. Ran up engine to verify new filter does not leak.
6. Verified static RPM.
7. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Thomas Nicholson A&P, IA 2522802

N2526S  
Cessna TR182 S/N 1R18201347  
Lycoming O540-L3C5D S/N RL-26028-40A TSN: 796.0  
McCaughey B2D34C219 S/N 806701 TSN: 3393.4 TSO: 796.0  
Actt: 3400.1 Tach: 3400.1



Replaced aircraft battery p/n G243 s/n G02780941. This aircraft and/or component identified above is approved for return to service for the work accomplished. Pertinent details are on file with Tucson Aeroservice Center. W.O. MA-14-4403  
Work performed by J Berens

Date: July 2, 2014

Signed:   
Troy Wagner FAA-CRS YXCR399X

DATE

**N2526S**  
**Cessna TR182** S/N 1R18201347  
 Lycoming O540-L3C5D S/N RL-26028-40A TSN: 801.5  
 McCauley B2D34C219 S/N 806701 TSN: 3405.4 TSO: 801.5  
 Act: 3405.4 Tach: 3405.4



Complied with an Annual Inspection per the Tucson Aerosevice Center Checklist and FAR, Part 43, Appendix D.

Complied with the following AD's:

2015-10-09 Propeller Governor Shaft Set Screw does not apply due to not aerobatic engine.

Compression Test Results: #1) 79/80 #2) 78/80 #3) 79/80 #4) 79/80 #5) 78/80 #6) 79/80.

Changed engine oil and filter p/n CH48103. Serviced engine with Aeroshell W100. Replaced induction air filter P/N BA2505. Replaced all rocker cover gaskets p/n 75906. All work performed IAW applicable maintenance manuals and current Federal Aviation Regulations. I certify that the aircraft and/or component identified above has received an Annual Inspection in accordance with FAR, Part 43, Appendix D and was determined to be in airworthy condition and is approved for return to service. Pertinent details are on file with Tucson Aerosevice Center. W.O. MA-15-4638

Work performed by M Latsha, M Shearl, and J Berens

Date: March 18, 2015

Signed:   
 Troy Wagner FAA-CRS YXCR399X

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