

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T18208761 N1827MC

ENGINE MODEL AND SERIAL TIO-540-AK1A L-12768-61A

D5518-3-13

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2007				
05/10				

T18208761

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

TIO-540-AK1A

L-12768-61A

MODEL _____

SERIAL NO. _____

DATE _____

4-23-07

[Handwritten Signature]


(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

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

Form No. 777-B (Rev. 3/03)

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2007				
09/14	7	0	Engine model TIO-540-AK1A, S/N <u>L-12768-61A</u> has been installed on aircraft # <u>T18208761</u> with TTAF <u>7.0</u> . TTSN was <u>7.0</u> . This Engine serviced with Phillips X/C 20W50 Engine oil.	 ODARF100129CE



1930 Airport Road
Lawrence, Ks. 66044
Phone: (785) 842-0000

Engine Log
N182MC
Cessna T182T
S/N T18208761

Lycoming
TIO-540-AK1A
SN L-12768-61A

October 29, 2007 Tach Time: 24.2 Hrs Total Time: 24.2 Hrs Work Order # 07-5528
Removed engine and sent to Lycoming engines for Compliance with AD 2004-10-14 and SB 475C due to propeller strike. Details pertinent to this repair are on file under work order #07-5528.

Hetrick Air Services, Inc.
FAA Approved Repair Station #VKDR861X

Lloyd A. Hetrick 2859510



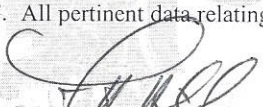
A Textron Company

652 Oliver Street
Williamsport, PA 17701

DATE

NATURE,
TYPE
?

12/10/07 Engine S/N L-12768-61A was returned to Lycoming with 24.2 TT for inspection/repair due to a prop strike. Engine was disassembled, cleaned, and inspected. Necessary parts zyglo and magnaflux inspected per SB533A. Cylinders honed. Engine was reassembled replacing the left magneto with S/N 07101281, right magneto with S/N 07101282, turbo scavenge pump ass'y all rings, bearings, hardware necessary for the repair, and all perishable items. Engine was tested in accordance with Lycoming specifications and is determined to be in an airworthy and safe operating condition. Additional service bulletins and instructions complied with 240T, 342E (2002-26-01), 475C (91-14-22), 533A (2004-10-14), 554, and SI 1424 and 1487. All pertinent data relating to this work is on file at Lycoming under work-order REP12768.


F.H. Hill Repairman # 2395329
Repair Station EJ1R115K

END

DATE

December 21, 2007 **Tach Time: 24.2 Hrs** **Total Time: 24.2 Hrs** **Work Order # 07-5528**
Reinstalled engine after inspection by Lycoming Engine, see work order #REP12768. Reinstalled all components removed. Had Propeller governor overhauled by Quality Aircraft Accessories, Inc., see work order #59649. Serviced engine with Phillips 20W50 X/C. Test ran and made necessary adjustments. Details pertinent to this repair are on file under work order #07-5528.

Hetrick Air Services, Inc.
FAA Approved Repair Station #VKDR861X
Lloyd A. Hetrick
Lloyd A. Hetrick 2859510

PAVCO FLIGHT CENTER N# 182MC MFG Lycoming MODEL TIO-540-AK1A
FAA CRS PVCR320H
Tacoma Narrows Airport S/N L-12768-61A W.O.# 02452 DATE 01/07/2008
1110 26th Ave N.W.
Gig Harbor, WA 98335 TACH: 43.9 ACTT 43.9 ENG.TT 43.9

Tightened hose at inlet of turbo scavenge pump. Removed turbo, induction inlet elbow, and magnetos. Cleaned oil from turbo, induction inlet elbow and Rt. mag. Found Lt. mag to be clean. Reinstalled turbo and induction elbow. Reinstalled mags and timed to engine. Changed oil and filter. Added 9qts Aeroshell 15W/50. Ran engine, tested turbo scavenge pump for operation, op-check good, no leaks. *Matt C. Pines PVCR320H*

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
03/17/2008	66	4	CW AD 2008-06-51 by inspection of fuel servo cover plug per par 5. Found plug loose. CW par h, 1-9. Plug, cover & gasket were serviceable.	<i>Matt C. Pines</i> PVCR320H

PAVCO FLIGHT CENTER N# 182MC MFG Lycoming MODEL TIO-540-AK1A
FAA CRS PVCR320H
Tacoma Narrows Airport S/N L-12768-61A W.O.# 02517 DATE 04/26/2008
1110 26th Ave N.W.
Gig Harbor, WA 98335 TACH: 93.7 ACTT 93.7 ENG. TT 93.7

Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element and suction screen, found no abnormal contamination. Checked compressions/80: #s1,2,4,5,6-78, #3-76. Cleaned and gapped plugs. Checked magneto timing. Cleaned fuel servo inlet screen. C.W. AD 2008-06-51 by tightness check of fuel servo cover cap nut, found nut tight. C.W. AD 2002-26-01 by inspection of fuel injection lines and clamps, no defects. Ran engine op-check good, no leaks.

I certify this ENGINE has been inspected in accordance with an ANNUAL/100hr inspection and was determined to be in AIRWORTHY condition. *Matt C. Pines PVCR320H*

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
6/5/08	118	4	Changed oil & filter, added 9 qts Aeroshell 15W-50 Ran engine, op-check good. No leaks. CW AD's 2008-26-01 and 2008-06-51 by inspection. Found no defects.	<i>Matthew A. Parker</i> PVC R320H
6/9/08	118	7	Removed #6 fuel nozzle orifice & cleaned inspected nozzle body. Reinstalled orifice, checked #6 spark plugs. Replaced #6 top plug. Ran engine, op-check good	<i>Matthew A. Parker</i> PVC R320H
08/11/08	152	1	Changed oil & filter. Added 9qts Aeroshell 15W/50 CW AD 2008-08-14 by inspection of fuel servo cap nut, No Defect CW AD 2008-14-07 by inspection of fuel inj lines & clamps, OK Ran engine, op-check good. No leaks	<i>Matthew A. Parker</i> PVC R320H WO# 02605

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
PAVCO FLIGHT CENTER N# <u>182MC</u> MFG <u>Lycoming</u> MODEL <u>TIO-540-AK1A</u> FAA CRS PVC R320H S/N <u>L-12768-61A</u> W.O.# <u>02636</u> DATE <u>10/03/2008</u> Tacoma Narrows Airport TACH: <u>196.2</u> ACTT <u>196.2</u> ENG. TT <u>196.2</u> 1110 26 th Ave N.W. Gig Harbor, WA 98335				
Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element and suction screen, found no abnormal contamination. Checked compressions/80: #1-78, #2-75, #3-76, #4-78, #5-78, 6-76. Cleaned and gapped 7 plugs. Replaced 1,2,3,4 bottom and 5 top plugs. Checked magneto timing. Cleaned fuel servo inlet screen. C.W. AD 2008-08-14 by tightness check of fuel servo cover cap nut, found nut tight. C.W. AD 2008-14-07 by inspection of fuel injection lines and clamps, no defects. Ran engine, op-check good, no leaks.				
I certify this ENGINE has been inspected in accordance with an ANNUAL/100hr inspection and was determined to be in AIRWORTHY condition. <i>Matthew A. Parker</i> PVC R320H				

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			PAVCO FLIGHT CENTER N# <u>182MC</u> MFG <u>Cessna</u> MODEL <u>T182T</u> FAA CRS PVCR320H Tacoma Narrows Airport S/N <u>T18280761</u> W.O.# <u>02468</u> DATE <u>02/19/2008</u> 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: <u>234.8</u> ACTT <u>234.8</u> ENG.TT <u>234.8</u>	
			Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element and suction screen, found no abnormal contamination. C.W. AD 2009-02-03 by tightness check of fuel servo cover cap nut, found nut tight. <i>Matthew A Pink PVCR320H</i>	
			PAVCO FLIGHT CENTER FAACRS PVCR320H N# <u>182MC</u> MFG <u>Cessna</u> MODEL <u>T182T</u> Tacoma Narrows Airport S/N <u>T18280761</u> W.O.# <u>02757</u> DATE <u>05/11/2009</u> 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: <u>273.8</u> ACTT <u>273.8</u> ENG.TT <u>273.8</u>	
			Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element and suction screen, found no abnormal contamination. C.W. AD 2009-02-03 by tightness check of fuel servo cover cap nut, found nut tight. <i>Matthew A Pink PVCR320H</i>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			PAVCO FLIGHT CENTER FAACRS PVCR320H N# <u>182MC</u> MFG <u>Lycoming</u> MODEL <u>TIO-540-AK1A</u> Tacoma Narrows Airport S/N <u>L-12768-61A</u> W.O.# <u>02832</u> DATE <u>08/17/2009</u> 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: <u>331.2</u> ACTT <u>331.2</u> ENG.TT <u>331.2</u>	
			Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element and suction screen, found no abnormal contamination. C.W. AD 2009-02-03 by tightness check of fuel servo cover cap nut, found nut tight. C.W. AD 2008-14-07 by inspection of fuel injection lines and clamps, no defects. Ran engine, op-check good, no leaks. <i>Matthew A Pink PVCR320H</i>	
			PAVCO FLIGHT CENTER FAACRS PVCR320H N# <u>182MC</u> MFG <u>Lycoming</u> MODEL <u>TIO-540-AK1A</u> Tacoma Narrows Airport S/N <u>L-12768-61A</u> W.O.# <u>02832</u> DATE <u>10/14/2009</u> 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: <u>368.4</u> ACTT <u>368.4</u> ENG.TT <u>368.4</u>	
			Removed magnetos and inspected IAW Slick SB2-08A and SB3-08A. Installed new point and distributor block kits in left mag. Installed new point kit in right mag. Timed mags internally, reassembled, reinstalled and timed to engine. Ran engine, op-check good, no leaks. <i>Matthew A Pink PVCR320H</i>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			PAVCO FLIGHT CENTER N# <u>182MC</u> MFG <u>Lycoming</u> MODEL <u>TIO-540-AK1A</u> FAA CRS PVCR320H S/N <u>L-12768-61A</u> W.O.# <u>02875</u> DATE <u>11/01/2009</u> Tacoma Narrows Airport 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: <u>372.1</u> ACTT <u>372.1</u> ENG. TT <u>372.1</u>	
<p>Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element and suction screen, found no abnormal contamination. Checked compressions/80: #1-77, #2-78, #3-77, #4-78, #5-78, 6-78. Cleaned and gapped plugs. Checked magneto timing. Cleaned fuel nozzles. Cleaned fuel servo inlet screen. Repaired #6 bottom plug lead shielding. Installed new #5 intake flange gasket. Installed new #s2,4,5 & 6 rocker cover gaskets. C.W. AD 2009-02-03 and Cessna SB 08-73-01R1 by installation of new P/N 2577258 fuel servo cap nut gasket marked cap nut with "G" and torqued nut to 100 in.lbs.in accordance with precision SB RS-88, no further action required on this AD. C.W. AD 2008-14-07 by inspection of fuel injection lines and clamps, no defects. Ran engine, op-check good, no leaks.</p> <p>I certify this <i>ENGINE</i> has been inspected in accordance with an <i>ANNUAL/100hr</i> inspection and was determined to be in <i>AIRWORTHY</i> condition.</p> <p align="right"><i>Matthew A. Palko PVCR320H</i></p>				

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			PAVCO FLIGHT CENTER FAACRS PVCR320H N# <u>182MC</u> MFG <u>Lycoming</u> MODEL <u>TIO-540-AK1A</u> Tacoma Narrows Airport S/N <u>L-12768-61A</u> W.O.# <u>02927</u> DATE <u>02/10/2010</u> 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: <u>397.3</u> ACTT <u>397.3</u> ENG. TT <u>397.3</u>	
<p>Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element and suction screen, found no abnormal contamination. Cleaned and gapped bottom. Ran engine, op-check good, no leaks.</p> <p align="right"><i>Matthew A. Palko PVCR320H</i></p>				
			PAVCO FLIGHT CENTER FAACRS PVCR320H N# <u>182MC</u> MFG <u>Lycoming</u> MODEL <u>TIO-540-AK1A</u> Tacoma Narrows Airport S/N <u>L-12768-61A</u> W.O.# <u>02976</u> DATE <u>05/18/2010</u> 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: <u>439.9</u> ACTT <u>439.9</u> ENG. TT <u>439.9</u>	
<p>Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element and suction screen, found no abnormal contamination. Cleaned connectors on #2 CHT and EGT probes. Ran engine, op-check good, no leaks.</p> <p align="right"><i>Matthew A. Palko PVCR320H</i></p>				

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		

PAVCO FLIGHT CENTER FAACRS PVCR320H N# 182MC MFG Lycoming MODEL TIO-540-AK1A
 Tacoma Narrows Airport S/N L-12768-61A W.O.# 03057 DATE 09/28/2010
 1110 26th Ave N.W. Gig Harbor, WA 98335 TACH: 569.1 ACTT 569.1 ENG.TT 569.1

Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element, found no abnormal contamination. Installed new #6 intake flange gasket. Ran engine, op-check good, no leaks.

Matthew A. Pinkus PVCR320H

PAVCO FLIGHT CENTER N# 182MC MFG Lycoming MODEL TIO-540-AK1A
 FAA CRS PVCR320H S/N L-12768-61A W.O.# 03083 DATE 12/15/2010
 Tacoma Narrows Airport 1110 26th Ave N.W. Gig Harbor, WA 98335 TACH: 594.8 ACTT 594.8 ENG. TT 594.8

Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element and suction screen, found no abnormal contamination. Checked compressions/80: #1-76, #2-76, #3-75, #4-75, #5-78, 6-75. Installed all new spark plugs. Checked and adjusted magneto timing. Cleaned fuel servo inlet screen. Installed new T.I.T probe. C.W. AD 2008-14-07 by inspection of fuel injection lines and clamps, no defects. Ran engine, op-check good, no leaks.

I certify this ENGINE has been inspected in accordance with an ANNUAL/100hr inspection and was determined to be in AIRWORTHY condition.

Matthew A. Pinkus PVCR320H

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		

PAVCO FLIGHT CENTER FAACRS PVCR320H N# 182MC MFG Lycoming MODEL TIO-540-AK1A
 Tacoma Narrows Airport S/N L-12768-61A W.O.# 03057 DATE 04/26/2011
 1110 26th Ave N.W. Gig Harbor, WA 98335 TACH: 621.5 ACTT 621.5 ENG.TT 621.5

Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element, found no abnormal contamination. Ran engine, op-check good, no leaks.

Matthew A. Pinkus PVCR320H

PAVCO FLIGHT CENTER FAACRS PVCR320H N# 182MC MFG Lycoming MODEL TIO-540-AK1A
 Tacoma Narrows Airport S/N L-12768-61A W.O.# 03186 DATE 06/14/2011
 1110 26th Ave N.W. Gig Harbor, WA 98335 TACH: 661.2 ACTT 661.2 ENG.TT 661.2

Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element, found no abnormal contamination. Ran engine, op-check good, no leaks.

Matthew A. Pinkus PVCR320H

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MINS		
			PAVCO FLIGHT CENTER FAACRS PVCR320H N# 182MC MFG Lycoming MODEL TIO-540-AK1A Tacoma Narrows Airport S/N L-12768-61A W.O.# 03199 DATE 07/05/2011 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: 688.2 ACTT 688.2 ENG.TT 688.2	
Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element, found no abnormal contamination. Ran engine, op-check good, no leaks. <i>Matthew A Pinkus PVCR320H</i>				
			PAVCO FLIGHT CENTER FAACRS PVCR320H N# 182MC MFG Lycoming MODEL TIO-540-AK1A Tacoma Narrows Airport S/N L-12768-61A W.O.# 03240 DATE 09/03/2011 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: 710.2 ACTT 710.2 ENG.TT 710.2	
Installed new #s2 & 3 intake flange gaskets. Removed right magneto and vacuum pump. Backed off scavenge pump and tightened oil pressure fitting one full revolution. Reinstalled scavenge and vacuum pumps. Reinstalled and timed right magneto. Ran engine, op-check good, no leaks. <i>Matthew A Pinkus PVCR320H</i>				

MAINTENANCE RECORD

			PAVCO FLIGHT CENTER FAACRS PVCR320H N# 182MC MFG Lycoming MODEL TIO-540-AK1A Tacoma Narrows Airport S/N L-12768-61A W.O.# 03280 DATE 11/02/2011 1110 26 th Ave N.W. Gig Harbor, WA 98335 TACH: 737.3 ACTT 737.3 ENG.TT 737.3	AUTHORITY, TYPE }
Changed oil and filter. Added 9qts. Aeroshell 15W/50. Checked filter element, found no abnormal contamination. C.W. AD 2008-14-07 by inspection of fuel injection lines and clamps, no defects. Ran engine, op-check good, no leaks. <i>Matthew A Pinkus PVCR320H</i>				
			PAVCO FLIGHT CENTER N# 182MC MFG Lycoming MODEL TIO-540-AK1A FAA CRS PVCR320H S/N L-12768-61A W.O.# 03283 DATE 12/09/2011 Tacoma Narrows Airport TACH: 741.7 ACTT 741.7 ENG. TT 741.7 1110 26 th Ave N.W. Gig Harbor, WA 98335	
Changed oil and filter. Added 9qts. Phillips 20W/50XC. Checked filter element and suction screen, found no abnormal contamination. Removed #s2-6 cylinders for excessive oil passing rings into combustion chamber. Removed #1 cylinder for inspection. Reinstalled all cylinders after inspection and repair by Avian Aeronautics. Checked compressions/80, all 78/80. Cleaned and gapped plugs. Checked magneto timing. Cleaned fuel nozzles. Cleaned fuel servo inlet screen. C.W. AD 2008-14-07 by inspection of fuel injection lines and clamps, no defects. Ran engine in accordance with Lycoming SI 1427B Par.B. found no leaks or defects. I certify this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition. <i>Matthew A Pinkus PVCR320H</i>				

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
12/10/11			Nose wheel Flat - Replaced Nose wheel Tube 5.00x5 serviced to proper pressure	<i>[Signature]</i> AIP2697904 WestJet
			<p>Jewell Aviation Inc. 418 Airport Rd. P.O. Box 623 Kennett, MO 63857 573-888-5846 www.jewellaviation.com</p>	
			<p>Make: Lycoming Model: TIO540-AK1A Serial#: L-12768-61A Date: 11/3/2012 Hobbs Time: 871.1 Tach/TT: 801.7 N182MC</p>	
			<p>This date removed starter and replaced with rebuilt Lamar PM2401 assembly. Changed oil and filter, filled with 9 qts Phillips XC20w50 Oil, washed down engine, and test ran. No leaks were found</p>	
				<i>[Signature]</i> AIP3036572

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make:	Lycoming
Model:	TIO540-AK1A
Serial#:	L-12768-61A
Date:	12/7/2012
Hobbs Time:	882.3
Tach/TT:	806.8
N182MC	

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

This date performed an annual inspection on this engine. Ran compression check on all cylinders: 1.77 2.78 3.78 4.78 5.78 6.77. Inspected filter for metal and debris, none found. Complied with the following AD's: 2011-26-04 fuel injector lines, for complete list of AD's, see attached list. Test ran engine, all systems checked normal. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.


[Signature] IA3036572

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		



MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER														
	HOURS	10THS																
			<p>Jewell Aviation Inc. 418 Airport Rd. P.O. Box 623 Kennett, MO 63857 573-888-5846 www.jewellaviation.com</p> <table border="1"> <tr> <td>Make:</td> <td>Lycoming</td> </tr> <tr> <td>Model:</td> <td>TIO540-AK1A</td> </tr> <tr> <td>Serial#</td> <td>L-12768-61A</td> </tr> <tr> <td>Date:</td> <td>1/29/2014</td> </tr> <tr> <td>Hobbs Time:</td> <td>916.2</td> </tr> <tr> <td>Tach/TT:</td> <td>831.6</td> </tr> <tr> <td>N182MC</td> <td></td> </tr> </table> <p>This date performed an annual inspection on this engine. Ran compression check on all cylinders: 1. 79 2. 78 3. 78 4. 78 5. 78 6. 78. Drained Oil and Inspected filter for metal and debris, none found. Filled engine with 9 Qts Phillips XC20W50 and installed new oil filter. Checked magneto timing and cleaned, gapped and rotated spark plugs. Complied with the following AD's: 2011-26-04 fuel injector lines, for complete list of AD's, see attached list. Test ran engine, all systems checked normal. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p align="center"><i>David Jewell</i> FA3036572</p>	Make:	Lycoming	Model:	TIO540-AK1A	Serial#	L-12768-61A	Date:	1/29/2014	Hobbs Time:	916.2	Tach/TT:	831.6	N182MC		
Make:	Lycoming																	
Model:	TIO540-AK1A																	
Serial#	L-12768-61A																	
Date:	1/29/2014																	
Hobbs Time:	916.2																	
Tach/TT:	831.6																	
N182MC																		


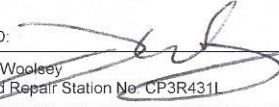
MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL: ENGINE S/N: REG. NO: N182MC WORK ORDER: 26158</p>  <p>APR Aviation, Inc. Repair Station No. CP3R431L 5041 E. Andersen Ave Fresno, California 93727 USA Phone: 800-982-9466</p> <p align="right">DATE: 10/24/2014 A/C TSN: 893 ENG TT: 893 TACH: 893</p> <p>Engine Entries (5) Changed oil and filter, inspected filter found ok. Refilled with 9 qts Aeroshell 15w-50 oil. Run and leak check good.----(6) #1 CHT and EGT connectors were swapped. Fixed broken wire on CHT connector. Op checks good----(7) Manifold pressure orifice fitting clogged up. Cleaned and reinstalled. Op checks good</p> <p>The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency.</p> <p>DATE: 10/24/2014 SIGNED: <i>[Signature]</i> Work Order: 26158 Robert Lawrence Certified Repair Station No. CP3R431L Printed by EBis 3 (datcomedia.com)</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		ENGINE MODEL: ENGINE S/N: REG. NO: N182MC WORK ORDER: 26506	 APR Aviation, Inc. Repair Station No. CP3R431L 5041 E. Andersen Ave Fresno, California 93727 USA Phone: 800-982-8466	DATE: 3/16/2015 A/C TSN: 912.7 ENG TT: 912.7 TACH: 912.7	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10THS					
			Engine Entries (2) Complied with 100hr inspection I/A/W APR Aviation Checklist. Changed oil and filter, inspected filter, no contaminants found. Refilled with Aeroshell 15w-50 oil. Run and leak check good.----(13) C/W AD 2011-26-04 Lycoming fuel injector lines. All lines and associated routing were found in satisfactory condition.				
			I certify that the engine identified above has been inspected in accordance with a 100 hour inspection and has been found airworthy as of this date.				
			DATE: 3/16/2015 SIGNED:  Robert Lawrence Certified Repair Station No. CP3R431L	Work Order: 26506 Printed by EBis 3 (datcomedia.com)			

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		ENGINE MODEL: TIO-540-AK1A ENGINE S/N: L-12768-61A REG. NO: N182MC WORK ORDER: 27927	 APR Aviation, Inc. Repair Station No. CP3R431L 5041 E. Andersen Ave Fresno, California 93727 USA Phone: 800-982-8466	DATE: 4/6/2016 A/C TSN: 961.6 ENG TT: 961.6 TACH: 961.6	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10THS					
			Engine Entries (2) C/W 100Hr Engine Inspection. Changed oil and filter, inspected filter, no contaminants found. Refilled with Shell 15W50 oil. Run and leak check good. Cylinder Comp:#1 75,#2 74,#3 73, #4 70, #5 74, #6 72----(8) Adjusted Prop governor for engine RPM of 2400.----(10) C/W AD 2015-19-07 Lycoming fuel injector lines. All lines and associated routing were found in satisfactory condition.----(12) C/W 500Hr inspection IAW Champion Aerospace MM on right magneto PN:66LC35SDNP SN:07101282 and left magneto PN:66LC35SDNP SN:07101281. Re-timed engine. Operational checks good.----(16) Installed 12 new spark plugs PN:URHB37E				
			I certify that the engine identified above has been inspected in accordance with a 100 hour inspection and has been found airworthy as of this date.				
			DATE: 4/6/2016 SIGNED:  Joseph Wooley Certified Repair Station No. CP3R431L	Work Order: 27927 Printed by EBis 3 (datcomedia.com)			

ENGINE MODEL:
TIO-540-AK1A
ENGINE S/N: L-12768-61A
REG. NO: N182MC
WORK ORDER: 29164



APR Aviation, Inc.
Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 6/1/2017
A/C TSN: 996.1
ENG TT: 996.1
TACH: 996.1

DATE	TOTAL TIME IN SERVICE	
	HOURS	10THS

Engine Entries

(2) C/W 100hr inspection I/A/W FAR 43 appendix D utilizing APR Aviation Checklist. Changed oil and filter, inspected filter, no contaminants found. Refilled with Aeroshell 15W50 oil. Run and leak check good. Compression check #1) 76/80, #2) 76/80, #3) 76/80, #4) 75/80, #5) 77/80, #6) 78/80.----(5) C/W AD 2015-19-07 Lycoming fuel injector lines inspection per AD instructions. All lines and associated routing were found in satisfactory condition.----(12) Replaced rocker cover gaskets at cylinders #3, 5 and 6. Op checks good.

I certify that the engine identified above has been inspected in accordance with a 100 hour inspection and has been found airworthy as of this date.

DATE: 6/1/2017

SIGNED:

Work Order: 29164

Joseph Woolsey
Certified Repair Station No. CP3R431L

Printed by EBis 3 (datcomedia.com)

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

ENGINE MODEL:
TIO-540-AK1A
ENGINE S/N: L-12768-61A
REG. NO: N182MC
WORK ORDER: 30487



APR Aviation, Inc.
Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 7/16/2018
A/C TSN: 1025.6
ENG TT: 1025.6
TACH: 1025.6

DATE	TOTAL TIME IN SERVICE	
	HOURS	10THS

Engine Entries

(2) C/W 100hr/Annual inspection I/A/W FAR 43 appendix D utilizing APR Aviation Checklist. Changed oil and filter, inspected filter, no contaminants found. Refilled with Aeroshell 15W50 oil. Run and leak check good. Compression check #1) 76/80, #2) 76/80, #3) 77/80, #4) 77/80, #5) 78/80, #6) 76/80.----(5) C/W AD 2015-19-07 Lycoming fuel injector lines inspection per AD instructions. All lines and associated routing were found in satisfactory condition.----(6) AD 2017-16-11 n/a by serial number and affected part not installed.----(8) Adjusted RH magneto to engine timing to 23 degrees BTDC----(13) Removed and replaced one spark plug with new.

I certify that the engine identified above has been inspected in accordance with a 100 hour inspection/Annual and has been found airworthy as of this date.

DATE: 7/16/2018

SIGNED:

Work Order: 30487

Stephen Denney
Certified Repair Station No. CP3R431L

Printed by EBis 3 (datcomedia.com)

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

ENGINE MODEL:
TIO-540-AK1A
ENGINE S/N: L-12768-61A
REG. NO: N182MC
WORK ORDER: 31528



APR Aviation, Inc.
Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 7/16/2019
A/C TSN: 1029.8
ENG TT: 1029.8
TACH: 1029.8

Engine Entries

(1) Removed engine fuel pump RG17980U/M, s/n C6570. Installed overhauled pump p/n 201F-5008, s/n H-UHN065FP. Adjusted fuel pressure per AMM. Operational checks good.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respect to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency.

DATE: 7/16/2019



SIGNED:

Work Order: 31528



Stephen Denney
Certified Repair Station No. CP3R431L

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		ENGINE MODEL: TIO-540-AK1A ENGINE S/N: L-12768-61A REG. NO: N182MC WORK ORDER: 31644	 APR Aviation, Inc. Repair Station No. CP3R431L 5041 E. Andersen Ave Fresno, California 93727 USA Phone: 800-982-8466	DATE: 8/21/2019 A/C TSN: 1031.4 ENG TT: 1031.4 TACH: 1031.4	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS				
			Engine Entries (2) C/W 100hr/Annual inspection I/A/W FAR 43 appendix D utilizing APR Aviation Checklist. Changed oil and filter, inspected filter, no contaminants found. Refilled with Aeroshell 15W50 oil. Run and leak check good. Compression check #1) 76/80, #2) 75/80, #3) 77/80, #4) 76/80, #5) 75/80, #6) 76/80. I certify that the engine identified above has been inspected in accordance with a 100 hour inspection/Annual and has been found airworthy as of this date. DATE: 8/21/2019 SIGNED:  Work Order: 31644 Stephen Denney Printed by EBis 3 (datcomedia.com) Certified Repair Station No. CP3R431L			

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		ENGINE MODEL: TIO-540-AK1A ENGINE S/N: L-12768-61A REG. NO: N182MC WORK ORDER: 32395	 APR Aviation Repair Station No. CP3R431L 5041 E. Andersen Ave Fresno, California 93727 USA Phone: 800-982-8466	DATE: 8/21/2020 A/C TSN: 1035.8 ENG TT: 1035.8 TACH: 1035.8	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS				
			Engine Entries (2) C/W 100hr/Annual inspection I/A/W FAR 43 appendix D utilizing APR Aviation Checklist. Changed oil and filter, inspected filter, no contaminants found. Refilled with Aeroshell 15w50 oil. Run and leak check good. Compression check #1) 79/80, #2) 78/80, #3) 74/80, #4) 64/80, #5) 77/80, #6) 75/80,----(5) C/W AD 2015-19-07 Lycoming fuel injector lines inspection per AD instructions. All lines and associated routing were found in satisfactory condition.----(9) Adjusted manifold pressure to 32 inches. I certify that the engine identified above has been inspected in accordance with a 100 hour inspection/Annual and has been found airworthy as of this date. DATE: 8/21/2020 SIGNED:  Work Order: 32395 Stephen Denney Printed by EBis 3 (datcomedia.com) Certified Repair Station No. CP3R431L			

