



Cessna

A Textron Company

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 18280034 N418WR

ENGINE MODEL AND SERIAL I0-540-AB1A5

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11/1/2024	1320.7	X	Drained Engine oil removed, and cut open filter. Reinstalled Filter CH48110-1 and serviced Engine with Aeroshell 15W-50 8 quarts. Performed leak check, leak check good./END	AAP 401572 [Signature]
1/3/25	1355.5		Drained oil. Removed and cut open/inspected filter, used new filter CH48110-1. 8 quarts shell 15W-50. No leaks	4428142 [Signature]



London, KY

- Performed annual inspection using checklist and FAR 43(D)
- Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48110- filter and serviced engine w/ Aeroshell 15w50. Compressions 1)78/80 2)79/80 3)74/80 4)77/80 5)78/80 6)76/80
- Cleaned and gapped spark plugs, reinstalled with new M-674 gaskets. Installed 8 new plugs PN: UREM38E
- Installed new Cyl. 5 valve cover gasket PN: 75906
- Tighten oil return line clamps
- Installed new induction duct PN: 69603 for Cyl. 4
- Adjusted mixture IAW MM
- Re-swagged induction tubes 4 & 6 into oil sump
- Removed both mags PN: 6351 SNs: 09030826 & 15020207 for 500HR. Installed repaired mags (see WO# 6647 from Eagle magneto) same PN/SN. Timed and torqued IAW MM
- AD's checked thru this date
- I certify this engine has been inspected IAW an Annual inspection, per FAR 43 Appendix D and found to be in an airworthy condition at this time.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 05/14/2025

Signed:

Ryan Cunningham A&P 4079271 LA

ENGINE LOGBOOK		
Reg No: N418WR	Aircraft Type: Cessna 182	Aircraft S/N: 18280034
Tach: 1404.7	Hobbs: 1651.7	Aircraft Total Time: 1404.7
Engine Total Time: 1404.7	Engine SMOH: 1404.7	Engine S/N: L-26008-48A
Prop Total Time: 1404.7	Prop SMOH: 0	Prop S/N: 970548

SIGNATURE,
ATE TYPE
MBER

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		wo: D25054 Engine · page 1 of 1 Xpress Aircraft Maintenance, LLC · 2701 Spence Place · Knoxville, TN 37920 · 865-850-8215	UTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10TH		
			N418WR TACH: 1305.9 LYCOMING, IO-540 SER, S/N: ENGINE SN TBD February 18, 2025 COMPLIED WITH AD 2015-19-07 BY VISUAL INSPECTION. NEXT INSPECTION DUE AT 1504.5 HOURS TACH TIME AND EVERY 110 HRS TIS AFTER, AND WHEN MAINTENANCE IS DONE WHERE ANY CLAMP ON FUEL LINES ARE DISCONNECTED, MOVED, OR LOOSENED, AND AFTER EACH ENGINE OVERHAUL. All Work Performed in Reference with Applicable Maintenance Manuals. With respect to the work performed, this ENGINE is approved for return to service. Ryan Adam Bratcher A&P IA 3349981 	
			wo: D25054 Airframe · page 1 of 1 Xpress Aircraft Maintenance, LLC · 2701 Spence Place · Knoxville, TN 37920 · 865-850-8215 N418WR TACH: 1305.9 CESSNA, 182S, S/N: 18280034 February 20, 2025 C/W AD 76-07-12 "Bendix Ignition Switch" by function check, no defects noted. With respect to the work performed, this AIRFRAME is approved for return to service. Ryan Adam Bratcher A&P IA 3349981 	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
10/4/24	1272.	4	Drained oil, removed and cut filter. Inspected filter. Reinstalled oil filter CH48110-1. Filled with 8 quarts of Aeroshell 15W-50. Reinstalled and safety wired filter.	owner Erica Kopylov 4928942

wo: WO_534

Airframe Repair or Service - page 1
of 1



Evergreen Airworks LLC - 33212 Webster Rd E - Eatonville, WA 98328 - 414-416-8671

N418WR

TACH: 1276.6

October 09, 2024

Pilot reported Hot LH Magneto. Performed ground run and verified no Magneto drop on LH Mag. Troubleshoot p-lead wire. No connectivity from switch to wire. Found wire to be defective. Spliced in new LH p-lead wire and performed ground run. Magneto drops were within normal range. No further defects noted.

With respect to the work performed, this aircraft is approved for return to service. Details of work performed are on file with Evergreen Airworks LLC under work order: WO_534.

Caleb Janzen A&P w/IA 3989351



ENGINE MAINTENANCE RECORD

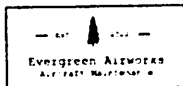
AIRCRAFT SERIAL AND REGISTRATION 18280034 N418WR

ENGINE MODEL AND SERIAL I0-540-AB1A5 L-26008-48A

				COMPONENT		REMAINING		REMOVAL DUE AT			
DATE	DESCRIPTION	PART NO	SERIAL NO	Hours	Cycles	Hours	Cycles	Hours	Cycles	SIGNATURE	
wo: WO_501				Airframe Repair or Service - page 1 of 1							
Evergreen Airworks LLC · 33212 Webster Rd E · Eatonville, WA 98328 · 414-416-8671											
N418WR TACH: 1223.8										August 21, 2024	
1. Serviced nose strut with nitrogen. 2. Removed left exhaust collector and replaced with new P/N 9954200-5AWL and 3 gaskets P/N 77611. Drilled for EGT probes and safetied lower joint bolts. Reconnected scat tubing. With respect to the work performed, this aircraft is approved for return to service. Details of work performed are on file with Evergreen Airworks LLC under work order: WO_501.											
Michael Schuerman A&P w/IA 3436919											

Airframe Repair or Service - page 1 of 1

wo: WO_501



Evergreen Airworks LLC · 33212 Webster Rd E · Eatonville, WA 98328 · 414-416-8671

N418WR

August 21, 2024

TACH: 1223.8

1. Serviced nose strut with nitrogen.
2. Removed left exhaust collector and replaced with new P/N 9954200-5AWL and 3 gaskets P/N 77611. Drilled for EGT probes and safetied lower joint bolts. Reconnected scat tubing.

With respect to the work performed, this aircraft is approved for return to service. Details of work performed are on file with Evergreen Airworks LLC under work order: WO_501.

Michael Schuerman A&P w/IA 3436919

Michael John

[illegible]

				COMPONENT		REMAINING		REMOVAL DUE AT		
DATE	DESCRIPTION	PART NO.	SERIAL NO.	Hours	Cycles	Hours	Cycles	Hours	Cycles	SIGNATURE
wo: WO_501				Engine Repair or Service · page 1 of 1						
Evergreen Airworks LLC · 33212 Webster Rd E · Eatonville, WA 98328 · 414-416-8671										
N418WR				August 21, 2024						
TACH: 1223.8										
Performed engine run to warm oil, drained with sample (Blackstone) and removed filter. Cut open filter and found no discrepancies. Installed new filter P/N AA48110-2 and safetied. Serviced engine with 9 qts Aeroshell W15W-50. Recowled and checked for leaks on runup - none. With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Evergreen Airworks LLC under work order: WO_501.										
Michael Schuerman A&P w/IA 3436919										

Aircraft Maintenance Specialist, Inc.



ED SIGNATURE,
ICATE TYPE
NUMBER

02/12/2024 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 1128.9 Hobbs 1331.0

"ENGINE LOG ENTRY"

C/W AD15-19-07 by inspection of injector lines in accordance with Lycoming SB342G, no defects noted, next due ACTT 1228.9. AD04-10-14C1 Crankshaft Gear & Gear Retaining Bolt, due at propeller strike, sudden stoppage or overhaul. AD84-26-02 Paper induction air filter replacement next due ACTT 1524.6 or on condition. AD13-11-11 Oil Pressure Switch, replacement next due ACTT 3121.1. Performed a compression check: #1 72/80, #2 74/80, #3 70/80, #4 76/80, #5 74/80, #6 74/80. Changed oil and filter. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Run up and leak check ok. "I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per 14 CFR part 43, appendix D and was determined to be in airworthy condition this date 02/12/2024, Tach 1128.9, Hobbs 1331.0, Eng. TT 1128.9."

Mark A. Howell

A&P4686364IA

Supplemental Log Book Entry Engine

Reg: N418WR
Date: 5/14/24

Model: IO-540-AB1A5
Hobbs: 1130.4

S/N: L-26008-48A

Changed Engine Oil and Filter, refilled with 8 quarts of Aeroshell 15W50 Oil. Installed new Oil Filter P/N AA48110-2 and safetied. Inspected old Oil Filter for foreign matter with none found at this time. Performed engine ground run and no oil leaks found at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures, and the engine is approved for return to service only with respect to the work performed. -

END -

Mark A. Howell
Mark A. Howell, 3575906, A&P

RE

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		

Aircraft Maintenance Specialist, Inc.



06/24/22 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 1044.1 Hobbs 1225.6

"ENGINE LOG ENTRY"

Changed oil and filter. Collected Blackstone oil sample. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Ground run check, no defects noted.

[Signature]
A&P595248430



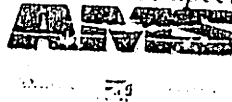
07/214/23 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 1088.3 Hobbs 1282.1

"ENGINE LOG ENTRY"

Changed oil and filter. Collected Blackstone oil sample. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Ground run check, no defects noted.

[Signature]
A&P595248430

Aircraft Maintenance Specialist, Inc.



DATE 19__	TOT. IN S	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOUR		

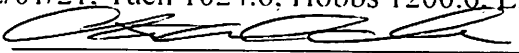
01/09/23 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 1057.3 Hobbs 1242.9

"ENGINE LOG ENTRY"

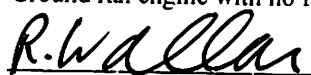
C/W AD15-19-07 by inspection of injector lines in accordance with Lycoming SB342G, no defects noted, next due ACTT 1157.3. AD04-10-14C1 Crankshaft Gear & Gear Retaining Bolt, due at propeller strike, sudden stoppage or overhaul. CW AD84-26-02 Paper induction air filter replacement next due ACTT 1524.6 or on condition. AD13-11-11 Oil Pressure Switch, replacement next due ACTT 3121.1. Performed a compression check: #1 70/80, #2 70/80, #3 70/80, #4 70/80, #5 68/80, #6 74/80. Changed oil and filter. Collected Blackstone oil sample. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Run up and leak check ok. Replaced right exhaust tailpipe to muffler hardware. Replaced spark plug access hole plugs. "I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per 14 CFR part 43, appendix D and was determined to be in airworthy condition this date 01/09/23. Tach 1057.3, Hobbs 1242.9, Eng. TT 1242.9."

[Signature]
A&P46863641A

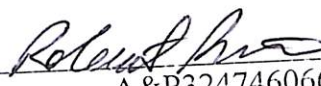
MAINTENANCE RECORD

DATE 19__	Aircraft Maintenance Specialist, Inc.  Authorized Service Station		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	12/01/21 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 1024.6 Hobbs 1200.6 "ENGINE LOG ENTRY" C/W AD15-19-07 by inspection of injector lines in accordance with Lycoming SB342G, no defects noted, next due ACTT 1079.2. AD04-10-14C1 Crankshaft Gear & Gear Retaining Bolt, due at propeller strike, sudden stoppage or overhaul. CW AD84-26-02 Paper induction air filter replacement next due ACTT 1524.6 or on condition. AD13-11-11 Oil Pressure Switch, replacement next due ACTT 3121.1. Performed a compression check: #1 70/80, #2 68/80, #3 70/80, #4 70/80, #5 70/80, #6 78/80. Changed oil and filter. Collected Blackstone oil sample. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Run up and leak check ok. "I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection per 14 CFR part 43, appendix D and was determined to be in airworthy condition this date 12/01/21, Tach 1024.6, Hobbs 1200.6, Eng. TT 1200.6."		
	 A&P5952484301A		

MAINTENANCE RECORD

DATE 9__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			Aircraft Maintenance Specialist, Inc.  Authorized Service Station	
			12/15/2021 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 1027.9 Hobbs 1205.4 "ENGINE LOG ENTRY" - Removed and replaced #3 Cylinder CHT Probe with P/N 5050T and Cylinder #5 EGT Probe with P/N M-111. - Ground ran engine with no faults found.  A&P3082871	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, TYPE & NUMBER
19__	HOU		
<i>Aircraft Maintenance Specialist, Inc.</i>  10/12/2020 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 979.2 Hobbs 1144.3 "ENGINE LOG ENTRY" C/W AD15-19-07 by inspection of injector lines in accordance with Lycoming SB342G, no defects noted, next due ACTT 1079.2. AD04-10-14C1 Crankshaft Gear & Gear Retaining Bolt, due at propeller strike, sudden stoppage or overhaul. AD84-26-02 Paper induction air filter replacement next due ACTT 1056.4 or on condition. AD13-11-11 Oil Pressure Switch, replacement next due ACTT 3121.1. Performed a compression check: #1 70/80, #2 69/80, #3 67/80, #4 70/80, #5 68/80, #6 74/80. Changed oil and filter. Collected Blackstone oil sample. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Replaced all intake tube gaskets. Replaced left and right exhaust shroud hardware. Replaced left magneto with overhauled P/N 6351, S/N 15020207. Replaced right magneto with overhauled P/N 6351, S/N 09030826. Run up and leak check ok. "I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection per 14 CFR part 43, appendix D and was determined to be in airworthy condition this date 10/12/2020, Tach 979.2, Hobbs 1144.3, Eng. TT 979.2."			
			 A&P324746066IA

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, TYPE & NUMBER
19__	HOU		
  			
FAA Certificated Repair Station FAA CRS 09QR162B Cessna Factory Authorized Service Station Engine Logbook Entry			
Registration #: N418WR Aircraft Model: Cessna 182S Aircraft Tach Time Reading: 1004.7 hours Engine Model: Lycoming IO-540-AB1A5 Drained engine oil, cut open oil filter to check for metal particles – none found at this time; and serviced engine with Aeroshell W15W50 mineral engine oil		Date: May 18, 2021 Aircraft S/N: 18280034 Aircraft Hobbs Reading: 1176.5 hours Engine S/N: L-26008-48A	
I certify that the work performed was accomplished in accordance with the applicable chapters of the Airframe/Engine maintenance manual and current regulations of the Federal Aviation Administration. Only those items specified in the Shop Order have been inspected and found to be Airworthy and Returned to Service. Pertinent details are on file at this repair station under repair station Work Order No. 3559.			
		 Joseph Dougherty Chief Inspector FAA CRS 09QR162B	

Aircraft Maintenance Specialist, Inc.

SIGNATURE,
DATE TYPE
NUMBER

10/01/19 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 929.8 Hobbs 1081.8

"ENGINE LOG ENTRY"

C/W AD15-19-07 Fuel Injector Line, IAW Lycoming SB 342G, no defects noted replaced several clamps, next due ACTT 1029.8. AD04-10-14C1 Crankshaft Gear and Gear Retaining Bolt, due at prop strike, sudden stoppage or overhaul. AD84-26-02 Paper Induction air filter replacement next due ACTT 1056.4 or on condition. AD13-11-11 Oil Pressure Switch, replacement next due ACTT 3121.1. AD17-16-11 connecting rod assembly integrity IAW Lycoming MSB-632B N/A engine s/n not listed in table 1 and not overhauled on or after November 18/2015. Performed a compression check: #1 70/80, #2 70/80, #3 70/80, #4 72/80, #5 66/80, #6 74/80. Changed oil and filter. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Resealed air oil separator return fitting in cylinder #6 rocker cover. Replaced all hardware for left and right muffler ball joints. Replaced all spark plugs with new spark plugs. Run up and leak check ok. "I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per 14 CFR part 43, appendix D and was determined to be in airworthy condition this date 10/01/19, Tach 929.8, Hobbs 1081.8, TT 929.8. TSMO 929.8"

A&P267914203IA

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			Aircraft Maintenance Specialist, Inc. 01/29/2020 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 955.2 Hobbs 1113.5 <u>"ENGINE LOG ENTRY"</u> • Drained oil and replaced it with 9QTS of 15W50 Aeroshell oil. • Took a Blackstone oil sample. • Removed filter and cut open, inspected for foreign particles with none found. • Replaced filter with a new CH48110-1 filter. • Engine ground ran with no leaks or faults found. <i>R. Wallace</i> A&P3082871	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			Aircraft Maintenance Specialist, Inc.  04/05/19 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 892.3 Hobbs 1035.3 <u>"ENGINE LOG ENTRY"</u> • Drained oil and replaced it with 9QTS of 15W50 Aeroshell oil. • Took a Blackstone oil sample. • Removed filter and cut open, inspected for foreign particles with none found. • Replaced filter with a new CH48110-1 filter. • Engine ground ran with no leaks or faults found. <u>R. Waller</u> A&P3082871	

MAINTENANCE RECORD

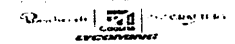
DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
8/2/19	9.43		Drained oil, installed new filter serviced with 9 QTS Aeroshell 15W50 Ground Run & Leaked OK	<u>R. Waller</u> A&P267064129

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	Aircraft Maintenance Specialist, Inc.		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
19__				
03/08/18	N418WR	IO-540-AB1A5	S/N L-26008-48A Hobbs 953.3 Tach 825.8	
<u>"ENGINE LOG ENTRY"</u> Drained oil and replaced it with 9 Qts. Aeroshell 15W-50. Removed oil filter, cut open filter and no debris was found. Replaced filter with CH48110-1. Run up and leak check ok. <i>R. W. A. [Signature]</i> A&P3082871				

Aircraft Maintenance Specialist, Inc.



DATE	HC	Aircraft Maintenance Specialist, Inc.		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
19__				
10/25/18	N418WR	IO-540-AB1A5	S/N L-26008-48E Tach 857.2 Hobbs 990.3	
<u>"ENGINE LOG ENTRY"</u> C/W AD15-19-07 Fuel Injector Line, IAW Lycoming SB 342G, no defects noted replaced several clamps, next due ACTT 957.2. AD04-10-14C1 Crankshaft Gear and Gear Retaining Bolt, due at prop strike, sudden stoppage or overhaul. AD84-26-02 Paper Induction air filter replacement next due ACTT 1056.4 or on condition. AD13-11-11 Oil Pressure Switch, replacement next due ACTT 3121.1. AD17-16-11 connecting rod assembly integrity IAW Lycoming MSB-632B N/A engine s/n not listed in table 1 and not overhauled on or after November 18/2015. Performed a compression check: #1 74/80, #2 72/80, #3 72/80, #4 70/80, #5 72/80, #6 76/80, Changed oil and filter. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Installed new starter PN-149-NL/EC SN-H-S070619. Installed new EGT probe PN-86317. Replaced right tail pipe to muffler clamps PN-0750161-22, 1254007-1. Run up and leak check ok. "I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per 14 CFR part 43, appendix D and was determined to be in airworthy condition this date 10/25/18, Tach 857.2, Hobbs 990.3, TT 857.2. TSMO 857.2" <i>[Signature]</i> A&P3370952IA				

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			DATE <u>1-30-17</u> N<u>418WR</u> S/N <u>18280034</u> TACH <u>748.9</u> HOBBS <u>863.6</u> Oil drained. Filter removed, cut open and inspected, no debris found. Installed a <u>CH48110-1</u> filter and serviced engine with <u>9</u> Qts <u>Aeroshell 15W50</u> oil. A&P <u>[Signature]</u> <u>207064129</u>	

MAINTENANCE RECORD

DATE 19__	HI	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
		08/31/17 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 795.4 Hobbs 917.0 <u>"ENGINE LOG ENTRY"</u> C/W AD15-19-07 Fuel Injector Line, IAW Lycoming SB 342G, no defects noted, next due ACTT 895.4. AD04-10-14C1 Crankshaft Gear and Gear Retaining Bolt, due at prop strike, sudden stoppage or overhaul. AD84-26-02 Paper Induction air filter replacement next due ACTT 1056.4 or on condition. AD13-11-11 Oil Pressure Switch, replacement next due ACTT 3121.1. Performed a compression check: #1 74/80, #2 72/80, #3 68/80, #4 72/80, #5 73/80, #6 74/80, Changed oil and filter. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Run up and leak check ok. "I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per 14 CFR part 43, appendix D and was determined to be in airworthy condition this date 08/31/17, Tach 795.4, Hobbs 917.0, TT 795.4. TSMO 795.4"	
		<u>[Signature]</u> A&P3260835IA	

MAINTENANCE RECORD

DATE	TOTAL IN SEF
19	HOURS

N418WR (Engine)

Cessna 182S S/N: 18280034

Engine M/N: IO-540-AB1A5

S/N: L-26008-48A

11/2/2015

Tach: 681.1

Eng TT: 681.1

Performed the following maintenance:

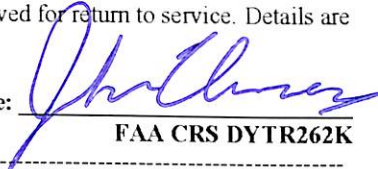
1. Performed an inspection of the Engine referencing the Cessna 182S Maintenance Manual.
2. Performed a compression test with the following results: #1 78/80, #2 77/80, #3 72/80, #4 76/80, #5 77/80, and #6 76/80.
3. Removed, cut open, and inspected the oil filter, no defects noted. Installed a new oil filter (P/N: CH48110-1). Leak checks found to be satisfactory.

All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #11115.

Daytona Aircraft Services, Inc.

561 Pearl Harbor Drive

Daytona Beach, Florida 32114

Authorized Signature: 

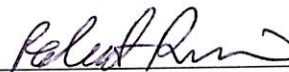
FAA CRS DYTR262K

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03/18/16 N418WR 182S S/N 18280034 Hobbs 809.1 Tach 703.5

"ENGINE LOG ENTRY"

Changed oil and filter. Serviced with 9 qts. Aeroshell 15W-50. Cut open old filter, no debris found. Run up and leak check ok.

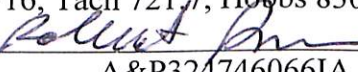


A&P324746066

08/19/16 N418WR IO-540-AB1A5 S/N L-26008-48E Tach 721.7 Hobbs 830.5

"ENGINE LOG ENTRY"

C/W AD15-19-07 Fuel Injector Line, IAW Lycoming SB 342G, no defects noted, next due ACTT 821.7. AD04-10-14C1 Crankshaft Gear and Gear Retaining Bolt, due at prop strike, sudden stoppage or overhaul. AD84-26-02 Paper Induction air filter replacement next due ACTT 1056.4 or on condition. AD13-11-11 Oil Pressure Switch, replacement next due ACTT 3121.1. Performed a compression check: #1 75/80, #2 73/80, #3 73/80, #4 75/80, #5 76/80, #6 74/80, Changed oil and filter. Installed a CH48110-1 filter and serviced engine with 9 Qts Aeroshell 15W50 oil. Cut open old filter, no debris found. Installed sump screen with new gasket. Replaced #5 intake tube gasket. Run up and leak check ok. "I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per 14 CFR part 43, appendix D and was determined to be in airworthy condition this date 08/19/16, Tach 721.7, Hobbs 830.5, TT 721.7."



A&P324746066IA

ED SIGNATURE
FICATE TYPE
NUMBER

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
09-13-2014			Complied with AD 2011-26-04 amdt 39-16894 eff 01-25-2012 on External Fuel injection lines. Inspected in accordance with MSB No. 342F dated 06-04-2010. Next Due TAC & TT 724.8 on any maintenance on clamps, lines etc, on overhaul. TT & TAC 624.8 Alan C. Kettunen Hobbs 716.5 A&P 2057321	
			11-19-2014 N418WR Cessna, 182S, 18280034 ENGINE LOG ENTRY: TAC 637.0 Hobbs 730.7 Changed oil and filter. Installed 9 qts 15W-50 Aeroshell oil and CH48110-1 filter. Engine run-up and checked OK. Signed <u>Alan C. Kettunen</u> Alan C. Kettunen, A&P 2057321	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			07-19-2015 N418WR Cessna, 182S, 18280034 ENGINE LOG ENTRY: TAC 663.2 Oil and filter changed. Installed 9 qts 15W-50 Aeroshell oil, CH48110-1 filter and 2 cans Avblend Engine run-up and checked OK. Signed <u>Alan C. Kettunen</u> Alan C. Kettunen, A&P 2057321	
			08-07-2015 N418WR, Cessna, 182S, S/N 18280034 Engine Log Entry: Lycoming IO-540-AB1A5 S/N L-26008-48E TAC 666.5 TT 666.5 Compression checked, 1) 74/80 2) 78/80 3) 74/80 4) 78/80 5) 80/80 6) 78/80. Spark plugs cleaned and gapped. Magnetos, starter, alternator, carburetor, induction system, exhaust system, vacuum system, fuel system inspected and serviced as needed. Engine tightened in general. Engine inspected in accordance with FAR 43 and appendix D as applicable. Engine washed down. Engine Run-up and leak checked OK at this time. AD2011-26-04: amdt. 39-16894 eff, 01-25-2012: External fuel injection lines. Inspected per MSB 342F dated 06-04-2010 and found OK. Next due: TAC. & TT 766.5 hours or Overhaul or after maintenance of lines, clamps, etc whichever sooner. I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition at TAC. & TT 666.5 hours. Signed <u>Alan C. Kettunen</u> Alan C. Kettunen, IA, A&P 2057321	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER		
	HOURS	10ths				
FINEFIELD AVIATION ENGINE LOG DATE: 8-6-13						
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH
	418WR	Cessna	182S	18280034	590.4	590.4
I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Cessna maintenance manual. Compression test: 1) 77/80, 2) 77/80, 3) 76/80, 4) 78/80, 5) 78/80, 6) 78/80. Checked magneto timing to specs. Changed oil and filter. Cut open old oil filter and found no contaminants. Added 8 qts. 15W50 Shell oil. Cleaned fuel injection servo inlet screen. Cleaned, gapped, and rotated spark plugs. Installed a new silicone rocker cover gasket on #1 & 6 cylinders. Replaced all fluid carrying engine hoses. Tightened breather, vacuum, induction and oil return hose clamps. Tightened rocker cover screws. Lubricated engine controls and checked rigging. Lubricated starter Bendix drive shaft with spray silicone. Dressed prop leading edges. Prepared and painted propeller blade faces flat black. Disconnected the oil cooler and removed the baffle. Fabricated and riveted a new mounting tab in place on baffle. Reinstalled baffle and oil cooler. Replaced lower vacuum pump with an overhauled pump model 216CW s/n: 155408. Washed down engine. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. C/W AD 2008-14-07 Lycoming engine fuel lines inspection and pressure testing. Due again at next annual, 100 hrs., or whenever a line is disturbed for any reason. AD 84-26-02 Induction filter due for replacement in 383.2 hrs. AD 99-04-04 Textron Lycoming impulse coupling inspection due in 105.1 hrs.						
This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: <i>James Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858						

FINEFIELD AVIATION ENGINE LOG DATE: 7-26-14						
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH
	418WR	Cessna	182S	18280034	615.2	615.2
I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Cessna maintenance manual. Compression test: 1) 78/80, 2) 77/80, 3) 74/80, 4) 76/80, 5) 74/80, 6) 76/80. Checked magneto timing to specs. Tightened rocker cover screws. Changed oil and filter. Cut open old oil filter and found no contaminants. Serviced engine with 8qts. 15W50 Shell oil. Tightened induction hose clamps. Cleaned fuel strainer screen and resealed. Cleaned fuel controller inlet screen. Installed 12 new Tempest UREM38E spark plugs. Fabricated a new right rear baffle support and installed. Dressed prop blades. Cleaned paper induction air filter. Washed down engine. Lubed controls and checked rigging. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. C/W AD 2008-14-07 Lycoming engine fuel line inspection and pressure testing. Due again at next annual, 100 hr, or whenever a line is disturbed for any reason. AD 84-26-02 Induction air filter due for replacement in 358.4 hrs. AD 99-04-04 Textron Lycoming impulse coupling inspection due in 80.3 hrs.						
This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: <i>James Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858						

7-31-14

418WR

Tach 618.5 *red*

Remove and replace fuel flow transducer part number
P165-5202. ops ck, ok

unchanged transducer AP 3184331

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER												
	HOURS	10ths														
			FINEFIELD AVIATION ENGINE LOG DATE: 7-30-11 <table border="1"> <thead> <tr> <th>A/C N#</th> <th>MAKE</th> <th>MODEL</th> <th>A/C S/N</th> <th>HM</th> <th>TSMOH</th> </tr> </thead> <tbody> <tr> <td>418WR</td> <td>Cessna</td> <td>182S</td> <td>18280034</td> <td>515.8</td> <td>515.8</td> </tr> </tbody> </table> I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Cessna maintenance manual. Compression test: 1) 73/80, 2) 72/80, 3) 72/80, 4) 73/80, 5) 72/80, 6) 72/80. Checked magneto timing to specs. Changed oil and filter. Cut open old oil filter and found no contaminants. Added 8 qts. 15W50 Shell oil. Removed fuel injection servo inlet fuel screen, cleaned, inspected, replaced 2 o-rings and installed. Removed induction air filter, cleaned, inspected and reinstalled. Removed right rear baffle and riveted mounting tab back on and reinstalled baffle. Tightened rocker cover screws. Tightened induction tube clamps. Removed fuel sump screen, cleaned, inspected, installed 2 o-rings, installed and safetied. Removed spark plugs, cleaned, inspected, gapped, rotated, installed and torqued. Dressed propeller blades. Painted propeller blade faces flat black. Lubricated and checked rigging of engine controls. Resecured vacuum cooling shroud using RTV silicone adhesive. Washed down engine. Lubricated starter Bendix drive shaft with silicone. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. C/W AD 2008-14-07 Lycoming engine fuel injection lines by inspection and pressure testing. Due again at annual, 100 hr., or whenever a line is disturbed for any reason. AD 84-26-02 Induction filter due for replacement in 467.8 hrs. AD 99-04-04 Textron Lycoming magneto impulse coupling inspection due in 189.7 hrs. This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: <i>James Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858		A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	418WR	Cessna	182S	18280034	515.8	515.8
A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH											
418WR	Cessna	182S	18280034	515.8	515.8											

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER												
	HOURS	10ths														
			FINEFIELD AVIATION ENGINE LOG DATE: 8-1-12 <table border="1"> <thead> <tr> <th>A/C N#</th> <th>MAKE</th> <th>MODEL</th> <th>A/C S/N</th> <th>HM</th> <th>TSMOH</th> </tr> </thead> <tbody> <tr> <td>418WR</td> <td>Cessna</td> <td>182S</td> <td>18280034</td> <td>559.7</td> <td>559.7</td> </tr> </tbody> </table> I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Cessna maintenance manual. Compression test: 1) 77/80, 2) 77/80, 3) 78/80, 4) 76/80, 5) 78/80, 6) 77/80. Removed electric fuel boost pump p/n: 5100-00-1 s/n: 0167 for repair and reinstalled. Checked magneto timing to specs. Changed oil and filter. Cut open old oil filter and found no contaminants. Added 8 qts. 15W50 Shell oil. Cleaned and gapped spark plugs. Cleaned spark plug wire ends. Cleaned paper induction air filter. Checked intake and exhaust flange nuts and bolts for tightness. Checked valve cover screws for tightness. Dressed prop blades. Cleaned fuel controller screen. Serviced fuel strainer and assembled with new gaskets. Tightened rocker oil drain back tube hose clamps. Removed #2 cylinder intake tube, cleaned off old gasket, surfaced intake flange and reassembled using new gasket. Washed down engine. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. C/W AD 2008-14-07 Lycoming engine fuel injection lines by inspection and pressure testing. Due again at annual, 100 hr, or whenever a line is disturbed for any reason. AD 84-26-02 Induction filter due for replacement in 413.9 hrs. AD 99-04-04 Textron Lycoming impulse coupling inspection due in 135.8 hrs. This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: <i>James Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858		A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	418WR	Cessna	182S	18280034	559.7	559.7
A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH											
418WR	Cessna	182S	18280034	559.7	559.7											

IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
19	HOURS	10ths					
FINEFIELD AVIATION ENGINE LOG							
				DATE: 8-1-09			
A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH		
418WR	Cessna	182S	18280034	455.5	455.5		
I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Cessna maintenance manual. Compression test: 1) 78/80, 2) 77/80, 3) 75/80, 4) 78/80, 5) 77/80, 6) 76/80. Removed magnetos for 500 hr inspection. Right magneto MN:6351 s/n: 96120994, left magneto MN:6351, s/n: 96120985, reinstalled and timed to engine using new gaskets and drive rubbers. Installed the M20 air/oil separator. See 337 this date. Tightened all rocker cover screws and induction hose clamps. Changed oil and filter. Cut open old oil filter and found no contaminants. Added 8 qts. 15W50 Shell oil. Cleaned fuel controller screen. Removed, cleaned and gapped spark plugs. Replaced 1 spark plug and installed. Cleaned induction air filter. Dressed prop blades. Cleaned fuel strainer screen. Washed down engine. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. C/W AD 2008-14-07 Lycoming engine fuel injection lines by inspection and pressure testing. Due again at next annual, 100 hr, or whenever a line is disturbed for any reason. C/W AD 99-09-04 Slick magneto by inspection. Due again in 250 hrs. AD 2008-08-14 Precision Airmotive fuel controller plug has not been removed since installation and not since August 22, 2006.							
This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: <i>James Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8407 Pyott Road, Lake in the Hills, IL 60156 Phone:							

TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
DATE	HOURS	10ths					
19							
FINEFIELD AVIATION ENGINE LOG							
				DATE: 7-23-10			
A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH		
418WR	Cessna	182S	18280034	556.4	556.4		
I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Cessna maintenance manual. Compression test: 1) 77/80, 2) 78/80, 3) 76/80, 4) 75/80, 5) 74/80, 6) 78/80. Replaced induction air filter. Checked magneto to engine timing. Removed spark plugs, cleaned, inspected, gapped and reinstalled. Replaced bottom #3 cylinder spark plug. Cleaned fuel strainer screen and installed new gasket and o-rings and safetied. Tightened all induction clamps. Cleaned fuel controller screen. Tightened all rocker cover screws. Changed oil and filter. Cut open old oil filter and found no contaminants. Added 8 qts. 15W50 Shell oil. Installed new drain hose for induction. Removed vacuum pump, cleaned, installed new engine driven seal and gasket and reinstalled. Installed overhauled vacuum pump model 215CC s/n: 139047 using new gasket. Dressed prop blades. Washed down engine. Lubed controls and checked rigging. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. C/W AD 2008-14-07 Lycoming engine fuel injection lines by inspection and pressure testing. Due again at next annual, 100 hr., or whenever a line is disturbed for any reason. C/W AD 84-26-02 Induction filter by replacement. Due again for replacement in 500 hrs. AD 2008-08-14 Precision Airmotive fuel controller plug gasket is superseded by AD 2009-02-03. AD 99-04-04 Textron Lycoming magneto impulse coupling inspection due in 149.1 hrs. AD 2009-02-03 Precision Airmotive LLC and Bendix fuel servo plug gasket D.N.A. due to plug not being removed since installation and not since Aug. 22, 2006.							
This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: <i>James Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858							

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER												
	HOURS	10ths																	
			FINEFIELD AVIATION ENGINE LOG				DATE: 7-31-08 <table border="1"> <thead> <tr> <th>A/C N#</th> <th>MAKE</th> <th>MODEL</th> <th>A/C S/N</th> <th>HM</th> <th>TSMOH</th> </tr> </thead> <tbody> <tr> <td>418WR</td> <td>Cessna</td> <td>182S</td> <td>18280034</td> <td>451.5</td> <td></td> </tr> </tbody> </table>	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	418WR	Cessna	182S	18280034	451.5	
A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH														
418WR	Cessna	182S	18280034	451.5															
			Removed starter p/n: PM2401 s/n: 85002134, sent for repair and reinstalled.																
			This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: <i>Jim Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858																
			FINEFIELD AVIATION ENGINE LOG				DATE: 3-21-09 <table border="1"> <thead> <tr> <th>A/C N#</th> <th>MAKE</th> <th>MODEL</th> <th>A/C S/N</th> <th>HM</th> <th>TSMOH</th> </tr> </thead> <tbody> <tr> <td>418WR</td> <td>Cessna</td> <td>182S</td> <td>18280034</td> <td>431.8</td> <td></td> </tr> </tbody> </table>	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	418WR	Cessna	182S	18280034	431.8	
A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH														
418WR	Cessna	182S	18280034	431.8															
			Changed oil and filter. Cut open old oil filter and found no contaminants. Added 8 qts. 15W50 Shell oil. Washed down engine. Ran up and checked for leaks found none.																
			This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: <i>Jim Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8407 Pyott Road, Lake in the Hills, IL 60156 Phone:																

MAINTENANCE RECORD

DATE 19__	TOTAL IN SE		FINEFIELD AVIATION				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER												
	HOURS																		
			AIRFRAME LOG				DATE: 3-21-09 <table border="1"> <thead> <tr> <th>A/C N#</th> <th>MAKE</th> <th>MODEL</th> <th>A/C S/N</th> <th>HM</th> <th>TTAF</th> </tr> </thead> <tbody> <tr> <td>418WR</td> <td>Cessna</td> <td>182S</td> <td>18280034</td> <td>431.8</td> <td></td> </tr> </tbody> </table>	A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF	418WR	Cessna	182S	18280034	431.8	
A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF														
418WR	Cessna	182S	18280034	431.8															
			Serviced tires, battery and brake reservoir. Cleaned negative battery cable and reconnected to battery.																
			This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: <i>Jim Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8407 Pyott Road, Lake in the Hills, IL 60156 Phone:																

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths					
FINEFIELD AVIATION ENGINE LOG							DATE: 7-14-07
A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH		
418WR	Cessna	182S	18280034	366.3	366.3		
I certify that this aircraft has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition. Compression test: 1) 66/80, 2) 77/80, 3) 74/80, 4) 70/80, 5) 75/80, 6) 76/80. Tightened rocker cover screws and induction clamps. Removed, cleaned, reinstalled and torqued fuel injectors. Removed, cleaned, regapped and reinstalled spark plugs. Checked magneto timing to specs. Removed, cleaned and reinstalled fuel controller screen. Removed, cleaned and reinstalled induction filter. Changed oil and filter. Cut open old filter and found no contaminants. Added 7 qts. Shell 100 mineral oil. Removed starter, disassembled, cleaned, installed new Bendix, reassembled and reinstalled. Tightened mixture stop at control screw and resafetied. Washed down engine. Ran up and checked for leaks found none. Lubed controls and checked rigging. Pressure checked engine fuel system and found no leaks.							
This aircraft has been found airworthy for return to service with respect to the work described herein:							
Authorized Signature: <i>Jim Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858							

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths					
FINEFIELD AVIATION ENGINE LOG							DATE: 7-14-08
A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH		
418WR	Cessna	182S	18280034	381.3	381.3		
I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Cessna maintenance manual. Compression test: 1) 77/80, 2) 75/80, 3) 74/80, 4) 74/80, 5) 74/80, 6) 74/80. Tightened alternator belt. Removed fuel controller screen, cleaned, inspected and reinstalled. Cleaned, inspected and regapped spark plugs. Changed oil and filter. Cut open old oil filter and found no contaminants. Added 8qts. 15W50 Shell oil. Cleaned induction air filter. Cleaned engine ground strap connections. Tightened all rocker cover screws and induction clamps. Removed prop and sent for reseat. Installed prop, torqued and safetied. Checked engine timing to specs. Washed down engine. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. Lubed controls and checked rigging. C/W AD 2002-26-01 Lycoming fuel line inspection and pressure testing. Due again at next annual, 100 hr or whenever a line is disturbed for any reason. AD 2008-06-51 Precision Airmotive servo plug D.N.A. due to servo not being worked on since August 22, 2006.							
This aircraft has been found airworthy for return to service with respect to the work described herein:							
Authorized Signature: <i>Jim Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858							

MAINTENANCE RECORD

DATE 0___	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		

FINEFIELD AVIATION

ENGINE LOG

DATE: 6-19-06

A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH
418WR	Cessna	182S	18280034	325.7	

Reinstalled engine after repair using existing lord mounts etc. Cleaned air filter. Cleaned and gapped spark plugs. Cleaned carburetor fuel screen. Checked engine control rigging. Added 8 qts. 100 Shell mineral oil. Ran up and adjusted idle and idle mixture. Checked for leaks and test flew 1/2 hr and all checked satisfactory.

This aircraft has been found airworthy for return to service with respect to the work described herein:

Authorized Signature: James Finefield Printed Name: James Finefield AP 353483286 1A
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths					
FINEFIELD AVIATION ENGINE LOG DATE: 2-4-06							
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	
	418WR	Cessna	182S	18280034	325.6		
Changed oil and filter. Cut open old filter and found no contaminants. Added 8 qts. 15W50 Shell oil. Washed down engine. Ran up and checked for leaks found none.							
This aircraft has been found airworthy for return to service with respect to the work described herein: Authorized Signature: <i>Jim Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858							
5-10-06 Tach time 325.7 Hrs. Removed engine Lycoming IO 540-AB1A5 S/N L-26008-48A to have crankshaft etc. replaced I. A. W. Lycoming Mandatory S/B 569A T3NE 325.7 HRS. <i>Jim Finefield</i> AP 353483286							

MAINTENANCE RECORD

DATE 0__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER												
	HOURS	10ths																	
<table border="1" style="width: 100%;"> <tr> <td>MAKE</td> <td>Lycoming</td> <td>MODEL</td> <td>IO-540-AB1A5</td> <td>S/N</td> <td>L-26008-48A</td> </tr> <tr> <td>Total Time</td> <td>325.7</td> <td>Hours</td> <td>Time Since Major Overhaul</td> <td>N/A</td> <td>Hours</td> </tr> </table> The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. (As detailed below) Pertinent details of repair are on file at this repair station under: Work Order # 10044 Date 6/7/2006 Repaired engine in accordance with Lycoming SB 569A. Installed new Lycoming crankshaft P/N 05K23580, S/N V537943321. Repaired cylinders by fit and installation of new piston rings on original pistons. AD #02-26-01 C/W by inspection IAW Lycoming SB342D. No other ADs apply at this time. A complete listing of all parts installed at this time is included with this entry. -----END----- Poplar Grove Airmotive, Inc. Poplar Grove Airport, Poplar Grove, IL FAA Approved Repair Station #YYBR664L <i>[Signature]</i> Signed for Poplar Grove Airmotive, Inc.								MAKE	Lycoming	MODEL	IO-540-AB1A5	S/N	L-26008-48A	Total Time	325.7	Hours	Time Since Major Overhaul	N/A	Hours
MAKE	Lycoming	MODEL	IO-540-AB1A5	S/N	L-26008-48A														
Total Time	325.7	Hours	Time Since Major Overhaul	N/A	Hours														

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths					
FINEFIELD AVIATION ENGINE LOG DATE: 10-1-04							
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	
	418WR	Cessna	182S	18280034	365.8		
Adjusted prop governor to specs and safetied. This aircraft has been found airworthy for return to service with respect to the work described herein: Authorized Signature: <i>James Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858							
FINEFIELD AVIATION ENGINE LOG DATE: 3-26-05							
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	
	418WR	Cessna	182S	18280034	313.8		
Changed oil and filter. Cut open old filter and found no contaminants. Serviced engine with 9 qts. 15W50 Shell oil. Washed down engine. Ran up and checked for leaks found none. This aircraft has been found airworthy for return to service with respect to the work described herein: Authorized Signature: <i>James Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858							

MAINTENANCE RECORD

DATE __	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths					
FINEFIELD AVIATION ENGINE LOG DATE: 5-26-05							
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	
	418WR	Cessna	182S	18280034	313.9	313.9	
Completed an annual inspection I.A.W. the Cessna maintenance manual and found airworthy. Compression test: 1) 78/80, 2) 78/80, 3) 74/80, 4) 75/80, 5) 75/80, 6) 75/80. Removed, cleaned, regapped, reinstalled, and torqued spark plugs. Checked magneto timing to specs. Removed, cleaned, and reinstalled fuel controller screen. Tightened rocker cover screws and induction clamps. Removed left side exhaust stack and surfaced #2,4 and 6 cylinder exhaust flanges. Reinstalled exhaust stack using new gaskets and hardware. Dressed prop blades. Cleaned fuel injectors ultrasonically, lubed threads, reinstalled and torqued. Lubed controls and checked rigging. Washed down engine. Ran up and checked for leaks found none. Cleaned air filter. C/W AD 2002-26-01 Textron Lycoming inspection and pressure testing of fuel injection lines and clamps. Due again at next annual, 100 hr, or whenever a line is disturbed for any reason. AD 84-26-02 Induction filter due for replacement at hobbs time 591.3 hrs. This aircraft has been found airworthy for return to service with respect to the work described herein: Authorized Signature: <i>James Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858							

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
7-19-03			Tach time 266.8 Hrs. Changed oil & filter. Added 8 qts 15-50 Shell oil. Cut open old filter & found no contaminants. Washed down engine. Ran up & checked for leaks found none.	Jim Finefield AP 353483286

FINEFIELD AVIATION

ENGINE LOG

DATE: 12-19-03

A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH
418WR	Cessna	C182S	18280034	331.3	

Serviced engine with 9 qts Aeroshell 15W50 oil and new filter. Cut open old filter and found no contaminants. Washed down engine and ground ran. Leak check - found ok. Serviced right and left brake master cylinders with hydraulic fluid.

Authorized Signature:

Jim Finefield

Printed Name: James Finefield AP 353483286 IA
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

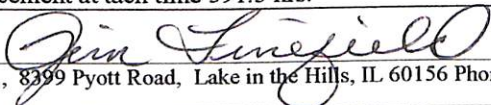
MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER												
	HOURS	10ths														
			FINEFIELD AVIATION ENGINE LOG DATE: 6-11-04 <table border="1"> <thead> <tr> <th>A/C N#</th> <th>MAKE</th> <th>MODEL</th> <th>A/C S/N</th> <th>HM</th> <th>TSMOH</th> </tr> </thead> <tbody> <tr> <td>418WR</td> <td>Cessna</td> <td>182S</td> <td>18280034</td> <td>303.4</td> <td>303.4</td> </tr> </tbody> </table> Completed annual inspection I.A.W. the Cessna maintenance manual and found airworthy. Compression test: 1) 76/80, 2) 76/80, 3) 76/80, 4) 78/80, 5) 77/80, 6) 77/80. Tightened all induction clamps. Checked magneto timing to specs. Removed, cleaned, gapped and reinstalled spark plugs. Dressed prop blades. Cleaned fuel controller screen. Cleaned air filter. Drained oil and changed oil filter. Cut open old filter and found no metal contaminants. Serviced engine with 8qts. 15W50 Shell oil. Tightened right rear baffle support screw. Removed left side exhaust, straightened exhaust flanges and reinstalled exhaust using new blow proof gaskets and safetied. Installed all new rubber real gaskets after cleaning off old gaskets. Lubed controls and checked rigging. Washed down engine. Ran up and checked for leaks found none. AD 84-26-02 Induction filter due for replacement at 591.3 hrs. tach time. C/W AD 2002-26-01 Textron Lycoming inspection of fuel injector lines and clamps. Due again at next annual, 100hr, or whenever a line is disturbed for any reason. This aircraft has been found airworthy for return to service with respect to the work described herein: Authorized Signature: <i>Jim Finefield</i> Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	418WR	Cessna	182S	18280034	303.4	303.4	
A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH											
418WR	Cessna	182S	18280034	303.4	303.4											

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
10-26-02			Tach time 201.4 Hrs C/W AD 2002-20-51 Textron Lycoming replacement of crankshaft gear bolt P/N STD-2209. Reinstalled oil pan Assy, accessory case, + accessories using all new gaskets + seals. Changed oil + filter. Added 8 qts 15-50 Shell oil. Washed down engine. Ran up + checked for leaks found none. Jim Finefield AP 353483286	
1-30-03			Tach time 215.4 Hrs Changed oil + filter. Added 8 qts 15-50 Shell oil. Cut open old filter + found no contaminants. Washed down engine. Ran up + checked for leaks found none. Jim Finefield AP 353483286	

MAINTENANCE RECORD

DATE 0___	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10ths						
	FINEFIELD AVIATION							
	ENGINE LOG					DATE: 6-6-03		
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH		
	N418WR	Cessna	182S	18280034	235.6	235.6		
	Completed annual inspection I.A.W. the Cessna maintenance manual and found airworthy. Compression test: 1) 72/80, 2) 72/80, 3) 72/80, 4) 74/80, 5) 74/80, 6) 72/80. Checked magneto timing to specs. Replaced right heat duct that goes between right muffler to heat box due to holes in duct. Changed oil and filter. Added 8 qts 100W Shell oil. Cut open old filter and found no metal particles. Cleaned air filter. Dressed prop blades. Painted prop blade faces. Cleaned fuel controller screen. Cleaned fuel sump screen. Tightened all rocker cover screws. Tightened all intake hose clamps. Cleaned and regapped spark plugs. Cleaned fuel injectors ultrasonically. Spinner not spaced properly. Installed new bulkhead spacer and installed spinner. Fuel pressure check - ok. Washed down engine. Number 3 cylinder exhaust riser bulged. Removed exhaust and riser, sent exhaust for repair and reinstalled. Tightened left exhaust cluster bolts and safetied. Lubed controls and checked rigging. Ran up and checked for leaks found none. C/W AD 2002-26-01 Textron Lycoming inspection of fuel injector lines and clamps. Next due at annual, 100 hrs, or whenever a line is disturbed for any reason. AD 84-26-02 Induction filter is due for replacement at tach time 591.3 hrs.							
	Authorized Signature:  Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858							

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Date: 5-21-02 Tach/146.3 TT/146.3			1) Performed routine service and maint.	
I certify that this aircraft/engine/propeller			2) changed oil and filter. Serviced	
has been inspected in accordance with an annual/			with 9 qts Aeroshell 150 wt	
100 hr/ inspection and was determined			detergent oil and CH48110 filter.	
to be in an airworthy condition this date.			No metal found in old filter.	
Signed: Bryan S. [Signature]			3) Comp X/80 ① 75 ② 77 ③ 72 ④ 76 ⑤ 74 ⑥ 74	
			4) Cleaned Fuel injector nozzles.	
			5) Clw Lycoming AD. 93-02-05, amend 39-8487, dated 06-14-93,	
			by inspection of the fuel injector lines. Found lines	
			properly supported and no cracks noted. AD. 93-02-05 is	
			next due at Tach 2. or May 2003, or after line maintenance	
			6) Cleaned, gapped, and tested spark plugs	
			7) Pressure checked mufflers. No leaks noted.	
			8) Engine-run-up & leak check - Good	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
8-6-02			Tach time 167 hrs. Changed oil & filter.	
			Added 9 qts 100W Shell oil. Cut open old	
			filter & found no contaminants. Washed	
			down engine. Ran up & checked for leaks	
			found none. Jim Hingfield	
			74P 353483286.	
9-11-02			Tach time 192.6 hrs. Changed oil & filter.	
			Added 8 qts 15-50 Shell oil. Took oil sample	
			Washed down engine. Cut open old	
			filter & checked for contaminants found	
			none. Ran up & checked for leaks found none.	
			Jim Hingfield	
			74P 353483286.	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Date: <u>10-11-00</u> Tach: <u>138.6</u> TT: <u>138.6</u>			1) Performed routine service and maintenance.	
I certify that this <u>engine</u> has been inspected in accordance with an <u>annual</u> inspection and was determined to be in an airworthy condition this date.			2) Changed oil and filter. Took oil sample and sent out for analysis. Serviced engine with 9 qts Aeroshell 40 wt detergent oil and CH 48110 filter. No metal found in old filter.	
Signed: <u>Bryan D. Jones FAH 9842542</u>			3) Comp 1/80 ① 78 ② 77 ③ 76 ④ 78 ⑤ 76 ⑥ 76.	
			4) C/w Lycoming AD 93-02-05, amend 39-8487, dated 06-14-93, by inspection of fuel injector lines IFAW Lycoming SB 342C. Found lines properly supported and no cracks noted.	
			5) Cleaned, gapped, and tested spark plugs. Replaced one REM35E plug.	
			6) Cleaned fuel injector nozzles.	
			7) Pressure checked mufflers. No leaks noted.	
			8) Engine run-up & leak check Good.	
			END	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Date: <u>11-13-01</u> Tach: <u>144.8</u> TT: <u>144.8</u>			1) Performed routine service and maintenance.	
I certify that this <u>engine</u> has been inspected in accordance with an <u>annual</u> inspection and was determined to be in an airworthy condition this date.			2) changed oil & filter. Took oil sample and sent out for analysis. Serviced engine with 9 qts Aeroshell 40 wt detergent oil and CH 48110 filter. No metal found in the old filter.	
Signed: <u>Bryan D. Jones FAH 9842542</u>			3) Comp 1/80 ① 78 ② 75 ③ 74 ④ 76 ⑤ 76 ⑥ 76	
			4) C/w Lycoming AD 93-02-05, amend 39-8487, dated 06-14-93, by inspection of fuel injection lines IFAW Lycoming SB 342C. Found lines properly supported and no cracks noted.	
			AD 93-02-05 is next due at Tach 244.8 or Nov. 2002, or after fuel injector line maintenance.	
			5) Cleaned, gapped, and tested spark plugs.	
			6) Pressure checked mufflers. No leaks noted.	
			7) Engine Run-up and leak check Good.	
			END	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Date: 09-20-99 Tach/Hobbs ^{19.0} / _{36.0} TT/ 119.0			1) Performed routine service and maintenance.	
I certify that this engine has been inspected in accordance with an airworthiness inspection and was determined to be in an airworthy condition this date.			2) changed oil and filter. Serviced with 9 qts Aeroshell 50/100 wt detergent oil and CH48110 filter. No metal found in old filter.	
Signed: <u>Bryan [Signature]</u> <u>FAA 69842562</u>			3) Took oil sample and sent to U.S. Oil Co. for analysis.	
			4) Comp 80 ① 77 ② 75 ③ 76 ④ 76 ⑤ 76 ⑥ 76	
			5) Cleaned, gapped, and tested spark plugs.	
			6) Cleaned fuel injector nozzles. Leak check Good.	
			7) Replaced rocker cover gaskets for cylinders #1, 5, and 6.	

Continued Next Page

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Continued →			8) Pressure checked mufflers. No leaks noted.	
			9) Lycoming AD 98-17-11C does not apply due to no crankshaft work ever being done.	
			10) Lycoming AD 98-18-12 does not apply due to no rotary fuel pump being installed.	
			11) Engine Run-up & leak check - Good.	
			END	

DATE 19 <u>97</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
6-18-97	00		Engine model IO-540-AB1A5 S/N L-26008-48A has been installed on aircraft 18280034. This engine serviced with Aeroshell oil 100, SAE50, mineral oil.	FAA APPROVED UNDER FAR 21 SUBPART J The Cessna Aircraft Co. Designated Pilot Manufacturer CE-1 By <u>Michael J. Hobbs</u> Executive Engineer Doug Horson
12-10-97	Tach	15.9	Drained engine oil. Serviced with winter weight oil, 8 qts Aeroshell 30 wt mineral oil. <u>Michael J. Hobbs AP 388942987</u>	
4-2-98	Tach	48.6	changed oil & filter. Serviced with 9 qts Aeroshell 50 wt mineral oil & a CH48110 Filter. No metal in old filter. Run up leak check good. <u>Michael J. Hobbs AP 388942987</u>	
7-17-98	Tach	69.1	Changed oil and Filter. Serviced with 9 qts Aeroshell 100 wt detergent oil and a CH48110 Filter. NO metal found in old filter. Run-up leak check good. <u>Eric Horson AP 388942987</u>	

MAINTENANCE RECORD

DATE		TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
19__		HOURS	10ths		
Date: <u>11-04-98</u> Tach/Hobbs <u>91.3</u> TT/ <u>91.3</u>				1) Performed routine service and maintenance. 2) changed oil and Filter. Serviced with 9 qts Aeroshell 40/50 wt detergent oil and CH48110 Filter. No metal Found in old Filter. 3) Comp $\frac{1}{8}$ ① 78 ② 77 ③ 77 ④ 78 ⑤ 77 ⑥ 77 4) Cleaned fuel injection nozzles. 5) cleaned, gapped, and tested spark plugs. 6) Replaced rocker cover gaskets for cylinders #2, 3, and 4. 7) Replaced exhaust gaskets for Cylinders #1, 3, 5. 8) Engine Run-up & leak check - Good END	
I certify that this engine engine/ has been inspected inspection and was determined to be in an airworthy condition this date.					
Signed: <u>Bryan Detw</u> <u>FA 469847542</u>					

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
19 <u>97</u>	HOURS	10ths		

NEW RECIPROCATING ENGINE CERTIFICATE

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

MODEL IO-540-AB1A5

SERIAL NO. L-26008-48A

DATE 1-31-97

A. Tompkins
(AUTHORIZED REPRESENTATIVE)

TEXTRON Lycoming

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