N51732#1

LYCOMING

A Textron Company

ENGINE LOG



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

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF	LYCOMING			
	MAKE		MODEL	SERIAL
FROM		20	то	20
DETAILING TI	ME FROM		то	
		HOURS		HOURS

SSP-1872-1

© 1994 by Textron Lycoming "All Rights Reserved"

October 1994



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

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

Engine Model: IO-540-AB1A5

Serial #:

RL-26695-48E

Total Time: 0.0

Work Order #: AR466356

Date Completed:

Authorized Signature

Lycoming Engines

652 Oliver Street

Williamsport, PA. 17701
Production Certificate # 3

ENGINE DESCRIPTION

Mfgr.	LYCOMING	Place Williamsport,	PA 17701 Date	
Туре		Model	Serial No.	
Rated H.P.		Max. H.P.	Weight (Dry)	
Rated R.P.M	•	Max. R.P.M.	Oil Pressure	
Bore		Stroke	Displacement	Cu. In.
Compression	Ratio	Supercharger Ratio		
Reduction Ge	ear Ratio			
Propeller		Hub Design	Hub Serial No.	
Blade Design	1	Blade Serial No.	Blade Serial No.	
Max. Hub H.F	Ρ.	Max. Blade H.P.		
Pitch		Diameter	Length	
Name				
Address				

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA)G	Serial N	lo	
94550 925-606-7640 shop 925-449-2142 office N51732 Date: 3/17/11 Tach Time: 2678.1 SMOH: 0.0 Total Time: 2678.1 Installed this engine IO-540-AB1A5 S/N RL-26695-48E into aircraft N51732.	EMARKS	-54	Signature	License Number
Installed 9 qts Aero shell 100 mineral oil. Completed A/D 2008-14-07 fuel injector lines. No defects. Next due @ 2778. Prop & governor O'hauled this date see prop				
log. Ran engine, all temps normal & no leaks detected. I certify this engine has been inspected IAW a 100hr inspection and was determined to be in an airworthy condition and is approved to return to service.				
Authorized Signature Authorized #2802232A&P				
Aha	art Aviation Sei	rvices Inc. 186	Airway Blvd. I	Livermore, CA
N5	1732 Date: 5/5	/11 Tach Time	e: 2699 3	
Rej	olaced oil and f 48110-1 filter.	filter with 9 qt	s Aero Shell	1 15W50 &

Page Total
Brought Forward
Total to Date

Authorized Signature (24) 2/ Certificate #3247468A&P

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA 94550 925-606-7640 shop 925-449-2142 office N51732 Date: 7/1/11 Tach Time: 2724.4	3	Serial No.	
This engine has been inspected IAW a 50 hr inspection		Signature	License
per Ahart checklist. Completed A/D 2008-14-07 fuel	ARKS		Number
injector lines. No defects. Next due @ tach 2824.			
Replaced oil and filter with 9 qts Aero Shell 15W50 &			
CH48110-1 filter.	·		
Authorized Signature Coll W			
94 N5 Th Re A/I this	550 925-606-7640 1732 Date: 8/26/11 Tac is engine has been inspo placed oil & filter with D 2008-14-07 fuel injec	rVices Inc. 186 Airway Blvd shop 925-449-2142 office th Time: 2786.1 SMOH: 108.0 Total exted IAW a 100 hr inspection per F2 9 qts Aero Shell 15w50 & CH48110 tor lines by visual. No defects. Next d to be in an airworthy condition and	106.415 Time: 2786.1 AR 43 appendix "D". 1-1 filter. Completed due @2886.1 certify
Page Total Brought Forward	Contificated Mac	hanic, and his Rating and	
Total to Date		er MUST be Shown.	

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA	Serial No.			
94550 925-606-7640 shop 925-449-2142 office N51732 Date: 8/26/11 Tach Time: 2786.1 SMOH: 108.0 Total Time: 2786.1 /05.0	ARKS	Signature	License Number	
Authorized Signature / (NVW 5/1) 945: Certificate #IA3034133A&P N5 Thi per inje Rep CH Aut	3732 Date: 10/21 s engine has bee Ahart checklist. ctor lines. No de		ar inspection 14-07 fuel 2948.	
Page Total Brought Forward Total to Date	Certificated Mech	ust Bear the Endorsement of a anic, and his Rating and r MUST be Shown.		

Ahart Aviation Services Inc. 186 Airway Blvd. Livermo	G	G Serial No.		
94550 925-606-7640 shop 925-449-2142 office 2891732 Date: 1/16/12 Tach Time: 2892.3 SMOH: 214.2 Total Time: 2892.3 SMOH: 244.2 Total Time: 244.2 Total Ti	IARKS	Signature	License Number	
This engine has been inspected IAW a 100 hr inspection per FAR 43 appo Replaced oil & filter with 9 qts Aero Shell 15w50 & CH48110-1 filter. Co	ompleted			
\sqrt{D} 2011-26-04 fuel injector lines by visual. No defects. Next due @299 his engine was determined to be in an airworthy condition and is approve				
o service.				
o service. Authorized Signature That Muha Certificate #3050082A&P				
	Ahart Aviation Servic	es inc . 186 Airway Blvd. L	ivermore CA	
	94550 925-606-7640 sho	the state of the s	ivermore, on	
	N51732 Date: 5/17/1	2 Tach Time: 2944.4		
	This engine has been	inspected IAW a 50 hr	inspection	
	per Ahart checklist. (Completed A/D 2008-1-	4-07 fuel	
	injector lines. No def	ects. Next due @ tach?	3044.	
		er with 9 qts Aero Shell		
Don Total	CH48110-1 filter.	. 1 1		
Page Total Brought Forward	Authorized Signature	. It lill		
Total to Date	Certificate #2802232	A&P		
	Certificate #2002232	1101		

			G	Serial No	
94550 925-606-7640 N51732 Date: 7/16/12 Ta	PVICES INC. 186 Airway Blvd. 0 shop 925-449-2142 office ch Time: 2989.0 SMOH: 310.9 Total T	ime: 310.9	MARKS	Signature	License Number
This engine has been insp Replaced oil & filter with	pected IAW a 100 hr inspection per FAF 9 qts Aero Shell 15w50 & CH48110-1	filter. Completed			
A/D 2011-26-04 fuel inje	ctor lines by visual. No defects. Next di	ue @ 3089. I certif	y		
this engine was determine	ed to be in an airworthy condition and is	s approved to return	n		
to service. Authorized Signature	Bell la				
Certificate #3247468A&I	79				
		94550 N5173 310.9 This e determ service Autho	0 925-606-7640 shop 32 Date: 7/16/12 Tach ingine has been inspect nined to be in an alrwo	PS Inc. 186 Airway Blvd. In 925-449-2142 office Fime: 2989.0 SMOH: 310.97 and Inspection and its approve	Fotal Time:
	Page Total			V	
	Brought Forward		Certificate Number !	MUST be Shown.	
	Total to Date				

Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA 94550 925-606-7640 shop 925-449-2142 office N51732 Date: 8/4/12 Tach Time: 3054.9	3	Serial No.	
This engine has been inspected IAW a 50 hr inspection per Ahart checklist. Completed A/D 2008-14-07 fuel injector lines. No defects. Next due @ tach 3154. Replaced oil and filter with 9 qts Aero Shell 15W50 & CH48110-1 filter. Authorized Signature Certificate #3247468A&P	ARKS	Signature	License Number
	/1 - 12 -		
Ahart Aviation Services Inc. 186 Airway Blvd. Livermore, CA			
94550 925-606-7640 shop 925-449-2142 office N51732 Date: 10-12-2012 Tach Time: 3091.4 Total Time: 3091.4			
This engine has been inspected IAW a 100 hr inspection per FAR 43 appendix "D".			
Replaced oil & filter with 9 qts Aeroshell 15w50 & CH48110-1 filter. Completed			
AD2012-19-01 N/A per MSB No. 569A per engine S/N. No further action required.			
Completed A/D 2011-26-04 fuel injector lines by visual. No defects. Next due @ 3191.4. Tightened all rocker valve covers. I certify this engine was determined to be in			

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

Authorized Signature
Certificate #AP3185254IA

an airworthy condition and is approved to return to service.

Aliart Aviation Services Inc. 186 Airway Blvd. Livermore, CA)G	Seria	al No	
94550 925-606-7640 shop 925-449-2142 office N51732 Date: 01-18-2013 Tach Time: 3137.6 This engine has been inspected IAW a 50 hr inspection per	MARKS		Signature	License Number
Ahart checklist. C/W A/D 2008-14-07 fuel injector lines. No				
defects. Next due @ tach 3237.6. Replaced oil and filter with 9	-			
ats Aero Shell 15W50 & CH48110-4 filter.				
Authorized Signature Authorized Signature				
Certificate #AP2802232				
94550 92 N51732 Da This engine Replaced oi 2011-26-04	te: 3/25/2013 Tach Thas been inspected IA & filter with 9 qts Ae fuel injector lines by VP/N's UREM38E. I cer	925-449-2142 Fime: 3189.4 SM AW a 100 hr insperoshell 15w50 & visual. No defect:	2 office OH: 511.3 Total Time ection per FAR 43 app CH48110-1 filter. Co s. Next due @ 3289.4	: 511.3 lendix "D". mpleted A/D— . Replaced 7
	ondition and is approv	ved to return to s	ervice.Authorized	
Page Total Signature	, , , , ,			
Brought Forward Certificate	AP3247468			
Total to Date				

Ahart Aviation Services Inc . 186 Airway Blvd. Livermore, CA 94550 925-606-7640 shop 925-449-2142 office N51732 Date: 5/23/2013 Tach Time: 3244.8)G	Serial No.	
This engine has been inspected IAW a 50 hr inspection per Ahart checklist. Replaced oil and filter with 9 qts Aero Shell 15W50 & CH48110-1 filter. Authorized Signature	:MARKS	Signature	License Number
Page Total Brought Forward Total to Date	All Repair Data Must B Certificated Mechanic, Certificate Number MU	ear the Endorsement of and his Rating and ST be Shown.	a

Date	Tim	SkyView Aviation →	SkyView Aviation, LLC 5749 S Tracy blvd Tracy, CA 95377 (209)830-7666	License Numbe
	Hrs	N Number: N51732 Tach: 3292.7 SMOH: Complied with Annual Inspection in accordant Manual and FAR 43 Appendix D. Oil sample tall old oil filter for contamination, none found at thi AA48110-2 oil filter and 9 Qts of Phillips66 20W gapped spark plugs, installed with new gaskets valve cover gasket P/N: SA534857 on cylinder overhauled left hand exhaust tail pipe P/N: 995 Ground run up and leak check ok. Compressio 78/80, 3) 79/80, 4) 77/80, 5) 68e/80, 6) 76/80 dated 10/26/2013. I certify this Engine has bee with an Annual Inspection and determined to be Ricky S. Eckert A&P 3686200 IA	ice with Cessna Service ken for oil analysis. Inspected s time. Installed new Tempest J-50. Cleaned, inspected and s P/N: M-674. Installed new 3. Installed Knisley 4200-011. Checked timing. n as follows: 1) 80/80, 2) . See AD compliance sheet n inspected in accordance	of a

ENGINE I OC

N51732 Cessna 182T

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

ATT: 3292.7 ETT: 620.4 ETSMOH: 620.4

PTT: 3292.7 PTSMOH: 620.4

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

Signature	License Number

Endorsement of a Rating and hown.

Carial No.

Eclectic Aviation 607 Gold Street	7 Gold Street A&P/IA 3686200		l No	
Manteca, CA. 95336 +1(209)390-3887 cell	rickee_rickee@yahoo.com	Signature	License	
since last oil change, oil and filter was defer BA-3. Checked timing. Pressure checked ex Safetied. Installed new valve cover gaskets return rubber connectors. Washed down El Compressions as follows: 1)77/80 2)79/80 inspected in accordance with an Annual Ins	AFTT: 3792.0 S/N: 18281088 Tach: 3318.3 S/N: RL-26695-48E SMOH: 640.2 ordance with FAR 43 Appendix D. Due to low hours rred. Installed new Bracket air intake filter P/N: haust, No leaks at this time. Cleaned filter to electric fuel pump Aircraft Spruce P/N: 05-11181, qty 6. Installed new cylinder oil ngine. Performed ground run up and leak check good. 3)77/80 4)79/80 5)77/80 6)79/80. I certify this Engine has been spection and is determined to be in Airworthy Condition. END	and	Number	
Page Total Brought Forw	Certificated Mechanic,	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Total to Date	Continuate Named William			

)G Serial No. N51732 Engine Model: iO-540-AB1A5 S.N. RL-26695-48E Date 1 20/2018 Tach, 3327.1 ETT, 3327.1 PSMOH, 649.0 This engine has been inspected IAW an annual insp. per FAR 43 Appendix D MARKS License performed comp test 1) 76/80/3) 73/80/5) 72/80/2) 76/80/4) 77/80/6) 75/80 Signature Number Replaced oil and litter with new P.N. CH48110-1 and 9 qts Aeroshell 15w50 Inspected and cleaned oil screen no flaws found P.N. KN900-16. Replaced aduction air tilter P.N. 0750038-7 next due @3827 1. Replaced right exhaust tip P.N. A9954200-1 cleaned and tested all spark plugs. Complied with AD 2011-26-04 per MSB342E fuel injection lines and clamps no flaws found at this time next due 3427.1 I certify this engine has been inspected IAW an annual inspection and was determined to be in airworthy condition and is approved for return to service Certificate# AP3041123IA Page Total All Repair Data Must Bear the Endorsement of a **Brought Forward** Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. Total to Date

SkyView Aviation

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

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

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

Donald Snock	AP 3061833 I	A
Date: 06/17/20		7

		, _	
1	//		
/	//		-
/a	-11	10	,

Signature	License Number

Sorial No.

ear the Endorsement of a and his Rating and ST be Shown.

ENGINE LOG

Date: 10/09/2023

Engine

N51732 LYCOMING

TIO-540-AB1A5 S/N: RL-26695-48E

Tach: 3328.2 SMOH: 650.1 TT: 3328.2

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

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

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

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

Donald Snock AP 3061833 IA