

LYCOMING

ENGINE LOG

SSP-1872-1

N713PM

LYCOMING

Overhaul Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been OVERHAULED in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Serial Number L-17820-48E
Engine Model IO-540-AB1A5
Work Order AR570237
Total Time 3458

Roe L. Adams 5/8/13
Authorized Representative Date

Repair Station E1R115K
652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Form 2480 Rev 07/12

ENGINE DESCRIPTION

Mfr.	LYCOMING	Place	Williamsport, PA 17701	Date	
Type		Model		Serial No.	
Rated H.P.		Max. H.P.		Weight (Dry)	
Rated R.P.M.		Max. R.P.M.		Oil Pressure	
Bore		Stroke		Displacement	Cu. In.
Compression Ratio		Supercharger Ratio			
Reduction Gear Ratio					
Propeller		Hub Design		Hub Serial No.	
Blade Design		Blade Serial No.		Blade Serial No.	
Max. Hub H.P.		Max. Blade H.P.			
Pitch		Diameter		Length	
Name					
Address					

ENGINE LOG

Serial No. _____

RS Aircraft Service
3103 Aviation Way
Brenham TX 77833

6-7-13 Tach = "0" TSMO = "0" Engine TT = 3458 10-540-AB1A5
Installed this Lycoming overhauled engine S/N L-17820-48E on Cessna 182S, N713PM with new
Lord mount kit J23508-1. Installed new fuel and oil hose assemblies. Oil cooler repaired / cleaned by
American Cooler Service -WO# 52362/5232013. Prop and governor flushed and installed. Added Aero
Shell 100 mineral oil. Air filter replaced. All SCAT air ducts replaced. Reinstalled previous used alternator
with new drive belt 378K4-E. Magneto timing checked. Pre-oiled engine. Engine ran and operational
checked. Adjusted idle mixture and speed.

*I certify this engine has been inspected in accordance
with a 100 hr / annual inspection and was determined
to be in airworthy condition.*

Ronald Stegenoller
A&P# 21920071A

Ronald Stegenoller

All Repairs Done Under the Endorsement of a
Certified Airframe, Powerplant and
Propeller Repair Station

ENGINE LOG

Serial No. L-17820-48E

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8-1-13	21	6	Change oil + filter	<i>Nash Gates</i>	3605802
9-25-13	71	4	Change oil + filter	<i>Nash Gates</i>	3605802
10-23-13	99	1	CHANGE oil + filter CHANGED oil ONLY	<i>Mike Gates</i>	

2/17/2014

Calkins Aero Service Inc.
West Houston Airport
18000 Groesbeck Rd
Houston, TX 77064

DATE: 10/17/2014 07:13PM TACH147

REINSTALLED RHM MAGNETO P/N 6451 S/N 136102268 AFTER REPAIR BY NAVAP

ACCESSORIES
ALL OPERATIONAL CHECKS OK
AIRCRAFT AIRWORTHY FOR RETURN TO SERVICE
Calkins Aero Service Inc.
FAA Certified Repair Station
No. GK2R849K

signature

Just Bear the Endorsement of a
Tanic, and his Rating and
or MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1/30/2014			<p style="text-align: center;">Calkins Aero Service Inc. West Houston Airport 18000 Groeschke Rd. Houston, TX 77084</p> <p>DATE: 1/30/2014 7:13PM TACH: 1552 INSTALLED NEW LH MAGNETO P/N 6351 S/N 13101109 ALL OPERATIONAL CHECKS OK AIRCRAFT AIRWORTHY FOR RETURN TO SERVICE</p> <p>Calkins Aero Service Inc. FAA Certified Repair Station No. G22849K signed <i>[Signature]</i></p>		
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					


ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6/27/2014			<p style="text-align: center;">Cessna</p> <p style="text-align: center;">Calkins Aero Service West Houston Airport 18000 Groeschke Rd. Houston, TX 77084</p> <p>DATE: 6/27/2014 7:13PM TACH: 2733.4 TTAF: 3748.4 TSMOH: 273.4</p> <p>ANNUAL INSPECTION Performed LAW 14 CFR FAR 43 appendix 'D' and Calkins Aero checklist: PRESSURE CHECKED EXHAUST CHECKED O.K. COMPRESSION CHECK: #1 75/80 #2 75/80 #3 76/80 #4 75/80 #5 75/80 #6 78/80 VIBRO CLEANED ALL FUEL INJECTORS C/W AD 0811-26-04 FUEL INJECTOR LINES BY VISUAL INSPECTION. DIE AGAIN BY NEXT 100HR/ANNUAL INSPECTION OR WHENEVER FUEL LINE MAINTENANCE IS DUE Drained all sumps, cleaned all filters and screens. Checked timing and Controls. Cleaned and Gapped all spark plugs. I certify that this engine has been inspected in accordance with AN ANNUAL Inspection and Was determined to be in an airworthy condition.</p> <p>Calkins Aero Service Inc. FAA Certified Repair Station No. G22849K signed <i>[Signature]</i> W0923602</p>		
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number	
	Hrs	Min				
			 <p>Calkins Aero Service, Inc. West Houston Airport 18000 Groeschke Rd. Houston, TX 77084</p> <p>N713PM Date: 09/23/2014 Tach: 312.7</p> <p>- Changed oil and filter. Serviced with 8 Qts. of Aero Shell 100Y Wash, run, and leak check OK.</p> <p>AIRCRAFT AIRWORTHY FOR RETURN TO SERVICE</p> <p>Calkins Aero Service Inc. FAA Certified Repair Station No. G228549K WO#23969</p>	<p>Date: <u>7-11-15</u> Tach: <u>368.0</u></p> <p>Changed Oil and Filter Serviced with <u>7</u> QTS. of <u>Shell 100</u> Oil.</p> <p>Wash, Run, and leak check OK</p> <p>Calkins Aero Service, Inc. Repair Station #GK2R849K</p>		
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.			
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Total to Date						

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			 <p>Calkins Aero Service, Inc. West Houston Airport 18000 Groeschke Rd. Houston, TX 77084</p> <p>Date: 6/25/2015 N713PM TACH: 420.4 TTAF: 3595.4 TSN0H-428.4</p> <p>ANNUAL INSPECTION Performed IAW 14 CFR FAR 43 appendix 'D' and Calkins Aero checklist. PRESSURE CHECKED EXHAUST CHECKED O.K. COMPRESSION CHECK: #1 79.90 #2 79.90 #3 78.90 #4 77.80 #5 78.90 #6 78.90 VIBRO CLEANED ALL FUEL INJECTORS INSTALLED ALL NEW SPARK PLUGS CW AD 28011-28-04 FUEL INJECTOR LEAKS BY VISUAL INSPECTION DUE AGAIN BY NEXT 100HR ANNUAL INSPECTION OR WHENEVER FUEL LINE MAINTENANCE IS DUE Drained all sumps, cleaned all filters and screens. Checked timing and Controls. Cleaned and Gapped all spark plugs. I certify that this engine has been inspected in accordance with AN ANNUAL Inspection and Was determined to be in an airworthy condition.</p> <p>Calkins Aero Service Inc. FAA Certified Repair Station No. G228549K WO#2483</p>		
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG



VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNF1711

N713PM TACH 845.8 SMOH 845.8 TOTAL 4303.8 DATE 6/29/2017 W.O. SV5156

ENGINE S/N: L-17820-45E
 PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182MM20. OIL NOT CHANGED AT THIS TIME. REPLACED ALL SPARK PLUGS WITH NEW P/N: REAR88. REMOVED MAGNETOS P/N: 6351 S/N'S: 13101109 13042265 AND COMPLETED A 500 HOUR INSPECTION IN ACCORDANCE WITH SLICK MANUAL L1363F. REPLACED BREAKER POINTS P/N: M3081 (MFR. DATE 2/7/17) AND CARBON BRUSHES P/N: K3215-25 (MFR. DATE 5/26/16) IN BOTH. REASSEMBLED, REINSTALLED WITH NEW GASKETS P/N: LW12461, 2142224 AND TIMED MAGNETOS TO ENGINE. COMPRESSION TEST: #1 78 #2 72 #3 75 #4 77 #5 77 #6 75/80. REPLACED ALL ROCKER COVER GASKETS WITH NEW PMA P/N: AEL75904-0635. COMPLIED WITH **AD 2015-19-07** FUEL INJECTION LINE INSPECTION IN ACCORDANCE WITH LYCOMING SB 342G. NEXT INSPECTION DUE BY TACH 955.8. ENGINE OVERHAUL OR LOOSENING OF CLAMPS. AD'S CHECKED THROUGH 2017.14.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
 PAUL PARK, CHIEF INSPECTOR

Page Total	
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Total to Date	

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

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11-20-13	113	6	oil change	<i>Paul Park</i>	2142262
1-22-14	149	0	oil change + filter	<i>Paul Park</i>	2142262
2-16-14	168	5	oil change	<i>Paul Park</i>	2142262
3-24-14	192	6	oil change + filter	<i>Paul Park</i>	2142262
4-15-14	218	0	oil change	<i>Paul Park</i>	2142262
5-19-14	237	5	oil change + filter	<i>Paul Park</i>	2142262
6-12-14	264	6	oil change	<i>Paul Park</i>	2142262
7-16-14	287	9	oil change + filter	<i>Paul Park</i>	2142262
11-17-14	333	4	oil change	<i>Paul Park</i>	2142262
3-31-15	385	2	oil change	<i>Paul Park</i>	2142262

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

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6-8-15	896	1	oil change + filter	<i>[Signature]</i>	2142262
6-21-15	420	4	oil change + filter	<i>[Signature]</i>	2142262
8-4-2015	444	8	oil change	<i>[Signature]</i>	2142262
9-3-2015	474	4	oil change + filter	<i>[Signature]</i>	2142262
11-1-2015	502	3	oil change	<i>[Signature]</i>	2142262
12-14-2015	530	9	oil change + filter	<i>[Signature]</i>	2142262
1-4-2016	558	0	oil change	<i>[Signature]</i>	2142262
2-17-2016	579	5	oil change + filter	<i>[Signature]</i>	2142262
3-6-2016	605	6	oil change	<i>[Signature]</i>	2142262
4-5-2016	616	7	oil change	<i>[Signature]</i>	2142262
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/23/16	640	3	oil change + filter	<i>[Signature]</i>	2142262
6/2/2016	608	3	oil change	<i>[Signature]</i>	2142262
4/2/2016	688	5	oil change + filter	<i>[Signature]</i>	2142262
4/31/2016	710	6	oil change	<i>[Signature]</i>	2142262
10/1/2016	731	3	oil change + filter	<i>[Signature]</i>	2142262
10/21/2016	756	2	oil change	<i>[Signature]</i>	2142262
11/12/2016	779	9	oil change + filter	<i>[Signature]</i>	2142262
2/24/2017	807	5	oil change	<i>[Signature]</i>	2142262
5/4/2017	832	5	oil change + filter	<i>[Signature]</i>	2142262
7/9/2017	856	7	oil change	<i>[Signature]</i>	2142262
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/9/2017	8:32	6	oil change + filter	<i>[Signature]</i>	214 226 2
10/29/17	9:20	4	oil change	<i>[Signature]</i>	214 226 2
12/1/18	9:49	3	oil change plus filter	<i>[Signature]</i>	214 226 2
			removed and inspected oil inlet screen	<i>[Signature]</i>	214 226 2
			no contaminants - replaced crush washer and safety wire - should be checked annually - supervised by Toby - The H Company	<i>[Signature]</i>	
1/7/2018			oil change	<i>[Signature]</i>	214 226 2
4/29/2018	10:38	0	oil change / filter	<i>[Signature]</i>	214 226 2
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Custom Aviation Services
ENGINE Lycoming IO-540-AB1A5 Serial# L-17820-48E
 TT 4518.7 TACH. 1060.7, Hobbs 5327.8

Date: 6/28/2018
 An Annual Inspection was performed on this Engine *via* FAR 43 appendix D and Lycoming IO-540 maintenance Manuals for Annual Inspection requirements. Engine oil was changed 7qts. Aeroshell W100 plus, new oil filter Champion 48110-1, old filter open, inspected no debris found. Spark plugs cleaned, gapped, & tested. Tested both magnetos ignition harnesses. Checked engine to magneto timing. Serviced fuel system, screens and filters. Flushed fuel servo screen. And check fuel cap venting and treated seals with fuel seal. Compression test #1-79/80, #2-79/80, #3-78/80, #4-77/80, #5-77/80, #6-77/80. Removed and replaced LH vacuum pump with Tempost part # AA3215CC AD 2015-19-07 injector fuel lines inspected IAW SB342G. Next due 1160.7
 I certify this Engine has been inspected *via* the requirements and specifications of the FARs and Lycoming IO-540 maintenance manuals for an Annual Inspection and was determined to be in airworthy condition.

Wayne D. Lohmeyer AP21247141A

Total to Date _____ Certificate Number must be Shown _____

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/27/18	10	37	oil change	<i>[Signature]</i>	214-2262
12/11/18	11	12	oil change / filter	<i>[Signature]</i>	214-2262
4/16/19	11	39	oil change	<i>[Signature]</i>	214-2262
7/25/19	11	67	oil change / filter	<i>[Signature]</i>	214-2262
9/15/19	11	50	oil change	<i>[Signature]</i>	214-2262
11/22/19			oil change / filter		
2/19/19	12	41	oil change / filter	<i>[Signature]</i>	214-2262
12/4/19	12	53	oil change	<i>[Signature]</i>	214-2262
12/22/19	12	59	oil change / filter	<i>[Signature]</i>	214-2262
8/17/20					
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Custom Aviation Services
ENGINE Lycoming IO-540-AB1A5 Serial# L-17820-48E
 Installed in N713PM Cessna 182S
 TT 4610.2 TACH: 1060.7 Hobbs: 5433.5

Date: 6/14/2019
 An Annual Inspection was performed on this Engine i/a/w FAR 43 appendix D and Lycoming IO-540 maintenance Manuals for Annual Inspection requirements. Spark plugs cleaned, gapped, & tested. Tested both magnetos ignition harnesses. Checked engine to magneto timing. Serviced fuel system, screens and filters. Checked fuel cap venting and treated posts with fuel seal. Compression test: #1-79/80, #2-79/80, #3-78/80, #4-79/80, #5-79/80, #6-78/80. **AD 2015-19-07 injector fuel lines** inspected IAW SB342G. Next due: 12517.
 I certify this Engine has been inspected i/a/w the requirements and specifications of the FARs and Lycoming IO-540 maintenance manuals for an Annual Inspection and was determined to be in airworthy condition.

Wayne D. Lohmeyer AP21247141A *[Signature]*

Brought Forward		All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
Total to Date			

ENGINE LOG

Serial No. _____

Custom Aviation Services
ENGINE Lycoming IO-540-AB1A5 Serial# L-17820-48E
Installed in N713PM Cessna 182S
TACH: 1167.6 Hobbs: 5452.3

Date: 7/30/2019

Replaced defective alternator with O/H Hartzell Alternator part # ASG10001-17R serial # H-T070611. Replaced intermittent voltage regulator capacitor part # X61-0007 (oil part #) X61-0029 (new part#). Testing and installation performed IAW Cessna 182S maintenance manual. Charging system now performing as designed.
Wayne D. Lohmeyer AP21247141A

Page Total _____
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Total to Date _____

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
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ENGINE LOG

Serial No. _____

Custom Aviation Services
ENGINE Lycoming IO-540-AB1A5 Serial# L-17820-48E
Installed in N713PM Cessna 182S

Date: 8/06/2020

TT 4784.6 TACH: 1309.6 Hobbs: 5615.0
An Annual Inspection was performed on this Engine IAW FAR 43 appendix D and Lycoming IO-540 maintenance manuals for Annual Inspection requirements. Spark plugs replaced w/UREM38E gapped, & tested. Magneto sent to Aircraft Ignition Services for 500 hour inspection, re-installed and timing set to manufactures specifications. Serviced fuel system, screens and filters. Checked fuel cap venting and treated seals with fuel seal. R&R fuel injectors inspected and cleaned IAW manufactures maintenance manual. Changed oil using Aeroshell W100 and CH48110 filter. Cut filter no debris found. Replaced exhaust gaskets w/PN RA77611, Intake gaskets, Small oil return hose P# SL-STD-1821, Intake hose P# 74065 and new inner and outer magneto gaskets.
Compression test: #1-78/80, #2-78/80, #3-78/80, #4-79/80, #5-79/80, #6-78/80. **AD 2015-19-07 injector fuel lines** inspected IAW SB342G. Next due: 1251.2
I certify this Engine has been inspected IAW the requirements and specifications of the FARs and Lycoming IO-540 maintenance manuals for an Annual Inspection and was determined to be in airworthy condition.
Wayne D. Lohmeyer AP21247141A

License
Number

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
5/2/21	12	34	oil change	<i>[Signature]</i>	214-2262
8/11	13	09	See Annual inspection - oil change	<i>[Signature]</i>	214-2262
11/22	13	35	oil change	<i>[Signature]</i>	214-2262
6-8-21	13	48	Change Oil & Filter Service Engine with 9 qts 62100 Amsoil & Install New CH 48710-1 filter. Cut open old filter found No Foreign Material. Clean Cap test & Inspect Spark Plugs. Clean Inspect Engine Air Induction filter Element. Inspect Exhaust Header Muff system Pressure test. Wash Engine & Cooling test Run Inspect for Leaks. None Noted. e this time. AD's Checked to this Engine. Cont. to Next Page →	<i>[Signature]</i>	214-2262
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

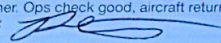
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11-2-21	14	28	total time 4903.8 Comp. OK #1 75/80 #2 75/80 #3 75/80 #4 75/80 #5 75/80 #6 75/80. Change Oil & Filter. Service Engine with 9 qts 62100 Amsoil & Install new CH 48710-1 filter. Cut open old filter found No Foreign Material. Clean Cap test & Inspect Spark Plugs. Clean Inspect Engine Air Induction filter Element. Inspect Exhaust Header Muff system Pressure test. Wash Engine & Cooling test Run Inspect for Leaks. None Noted. e this time. AD's Checked to this Engine. Cont. to Next Page →	<i>[Signature]</i>	214-2262
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

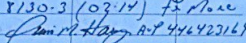
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
NAVYATION.COM					
N Number: N713PM Tach: 1489.2			DATE: JUN 27, 2022		
Removed and replaced LH magneto with a Surefly SIM, also removed and replaced all spark plugs and harness to magnetos on both sides. Filed 337 Major Alteration Report, and copy was emailed to current owner. Ops check good, aircraft returned to service. A-P/A 3372988 					
Page Total		All Repair Data Must Bear the Endorsement of a			
Brought Forward		Certificated Mechanic, and his Rating and			
Total to Date		Certificate Number MUST be Shown.			

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10-11-22	7	20	1515.4 Total time 4990.4 Change Oil & Filter Service Engine with 9 qts 68100 Aeroshell and Install New AA48110-2 filter, Cut open old filter found no Foreign Material. Remove R/H Mag for 500hr Inspection. Install R/H Mag P/N 6351 5/N 13040265 After 500hr Inspection by D+B Engine Aircraft, Inc. See FAA Form 8130-3 (03-14) for more detail dated Sept 28, 2022.  A-P 44423169		
Page Total		All Repair Data Must Bear the Endorsement of a			
Brought Forward		Certificated Mechanic, and his Rating and			
Total to Date		Certificate Number MUST be Shown.			

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Serial No. _____

2023 Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1-5-23	1	55	1519.9 total time 4994.9 Comp CK #1 73/80 #2 71/80 #3 74/80 #4 71/80 #5 74/80 #6 74/80 Change Oil & Filter Service Engine with 80 Pennshell Oil & Install New AA48110-2 filter - Cut open old filter found no foreign material Clean Gp test & inspect Spark plugs. Remove Cylinder #2 due to low compression. Clean & inspect Pints. Grind Valves & Set. Honor Cylinder. Install piston with New Rings. Assemble with New Gaskets & Seals. Clean & inspect engine - Cont. to Next Page →		
Page Total			All Repair Data Must Bear the Endorsement of a		
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Total to Date			Certificate Number MUST be Shown.		

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ENGINE LOG

Serial No. _____

2023 Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1-5-23	1	55	1519.9 total time 4994.9 - Air Induction Filter Element. Inspect Exhaust & Heater Muff Systems. Pressure test Wmk Engine & Cooling test Run Inspect for Leaks, None noted @ this time. AD's Checked to this engine Model & Serial # Using t.cita Rev 2422-22, AD 15-19-07 Cite 1-5-2023 total time 4994.9 External Fuel Injector I certify this engine has been inspected in Lines CW by Visual Inspect accordance with a 100hr inspection and was Next due + 100hrs / + 12 mths determined to be in satisfactory condition		
Page Total			All Repair Data Must Bear the Endorsement of a		
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Total to Date			Certificate Number MUST be Shown.		

ENGINE LOG

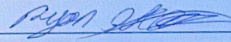
Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-20-23	Tach		1524.3 total time 4999.3. Factory CHT prop trouble shoot system found Probe bad Replace with New Probe P/N S2324.3. Factory Gauge is Correct Reading. Ryan Huskey A-P 4442329		
5-2-2023	Tach		1547.4 total time 5022.4 Change Oil filter Seal the Engine with 9 qt of 1000 Aeroshell & install New RA49110.2 filter Cut open old filter found No foreign material Comp. OK cylinder #2 had Bore scope with magna cooling test run Impact to leaks. None noted at this time. Ryan Huskey A-P 4442329		
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

Huskey Aviation LLC. 508 Airport Road, Guthrie Oklahoma 73044. Hangar 24D
 March 06, 2024 Tach: 1603.4 SMOH: 1603.4 TT: 5078.4

Complied with a 100 hour inspection of this engine per FAR 43 Appendix D. Compression check as follows #1)-74 #2)-66 #3)-76 #4)-73 #5)-74 #6)-75. Drained oil and removed filter and oil pickup screen and inspected for foreign materials, none noted at this time. Serviced with Aeroshell 100 mineral oil, AN900 gasket and AA48110-2 oil filter. Removed prop and removed crank shaft seal and installed with New LW-13792 and MS28775-228 prop O-ring. Reinstalled prop, torqued, and safetied nuts. Removed engine driven fuel pump and installed new P/N 62B26931 and gasket P/N. 60096. Installed new valve cover gasket P/N SLR75906 on #6. Removed magneto and adjusted internal timing and reinstalled and set timing to engine on both magneto and electric mag. Checked ADs through 2024-04 no new noted at this time. I certify this engine has been inspected in accordance with a 100 hour inspection and was found in airworthy condition at this time.

A&P IA 3264787



Ryan Huskey

Page Total		All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
Brought Forward			
Total to Date			

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 9111968	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 5661574	
6. Item: 40	7. Description: SUPPORT	8. Part Number: 0712059-1	9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New
12. Remark: AUTHORIZED RELEASE DOCUMENT					
PO#: 1343					
13a. Certifies the items identified above were manufactured in conformity with: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.					
13b. Authorized Signature: <i>David J. Miller</i>					
13c. Approval/Authorization No.: PC4		13d. Date (dd/mm/yyyy): 14/Feb/2024		13e. Other regulation specified in Block 12: <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13f. Authorized Signature: <i>John Dabback</i>		13g. Approval/Authorization No.: ODA930678NE		13h. Date (dd/mm/yyyy): 08-JUN-2023	
13i. Name (Typed or Printed): DAVID J. MILLER		13j. Name (Typed or Printed): J. DABBACK		13k. Date (dd/mm/yyyy): 08-JUN-2023	
14. User/Installer Responsibilities It is important to understand that the execution of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 13b do not constitute installation certifications. In all cases, aircraft maintenance records must contain an installation certificate issued in accordance with the national regulations by the user/installer before the aircraft can be flown. NSN: 9813-00-013-9002 FAA Form 8130-3 (02-14)					

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: MS-587626	
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701				5. Work Order/Contract/Invoice Number: 1864775843709	
6. Item: 2.1	7. Description: FUEL PUMP (HIGH PRESSURE)	8. Part Number: 62B26901	9. Quantity: 1	10. Serial Number: 1623L0089	11. Status/Work: NEW
12. Remark: AIRWORTHINESS APPROVAL PARTS AIRCRAFT SPRUCE AND SPECIALTY					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved Design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.					
13b. Authorized Signature: <i>John Dabback</i>					
13c. Approval/Authorization No.: ODA930678NE		13d. Date (dd/mm/yyyy): 08-JUN-2023		13e. Other regulation specified in Block 12: <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13f. Authorized Signature: <i>John Dabback</i>		13g. Approval/Authorization No.: ODA930678NE		13h. Date (dd/mm/yyyy): 08-JUN-2023	
13i. Name (Typed or Printed): J. DABBACK		13j. Name (Typed or Printed): J. DABBACK		13k. Date (dd/mm/yyyy): 08-JUN-2023	
14. User/Installer Responsibilities It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with national regulations of airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accept aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Block 13a and 13b do not constitute installation certifications. In all cases, aircraft maintenance records must contain an installation certificate issued in accordance with national regulations by the user/installer before the aircraft can be flown. FAA Form 8130-3 (02-14)					