



ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T20609623 N923CS

ENGINE MODEL AND SERIAL T10-540-AJ1A L-14549-61E

D5518-3-13



INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
3/2 2022	0	0		

New Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

LYCOMING

Part Number ENPL-RT10658
Serial Number L-14632-61E
Engine Model TIO-540-AJ1A
Work Order KM791277
Total Time 0

Low Adams 1/8/22
Authorized Representative Date

Production Certificate #3

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

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL TIO-540-AJ1A ENGINE S/N L-14549-61E REG NO N923CS WORK ORDER 1450</p> <p>Advanced Leesburg ADVANCED 1005 Sycolin Road Suite 106 Leesburg, VA 20175 Phone 703-443-4739</p> <p>DATE 3/3/2022 A/C TSN 255 6 ENG TT 255 6 TACH:</p>	
			<p>Engine Entries</p> <p>Removed the propeller and governor. Removed the engine and turbocharger assy. PN TIO-540-AJ1A, SN L-14549-61E. Removed the eng. baffles and all items required for installation on the new engine. Cleaned the eng. compartment as required. Installed a Factory New engine and turbocharger assy. PN TIO-540-AJ1A, SN L-14632-61E using existing serviceable bolts, washers and nuts. Torqued to specs. Re-installed eng. baffles and all items needed from old engine. Installed a new wastegate, controllers and new fuel and oil hoses received with new engine. See separate record of accessories and major parts shipped with engine for serial number listing. All work done IAW the Lycoming Direct Drive Maint. Manual and the Textron Aircraft T206H Maint. Manual. Added 10 qts Phillips XC20W50 oil. Re-installed the propeller and governor. Torqued and safetied prop bolts. Rigged and safetied the eng. controls. Performed gnd. run-up leak and ops. cks. No defects noted. Aircraft released for Flight Check.</p>	
			<p>Maintenance Release</p> <p>The aircraft and/or component(s) on N923CS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of this maintenance are on file at our facility under the above work/service order number as applicable.</p>	
			<p>DATE: 3/3/2022 SIGNED: <i>Michael Arthur</i> Work Order: 1450 Michael Arthur, A&P 3543829 Printed by EBis 3 (datcomedia.com)</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL TIO-540-AJ1A ENGINE S/N L-14549-61E REG NO N923CS WORK ORDER 1450</p> <p>Advanced Leesburg ADVANCED 1005 Sycolin Road Suite 106 Leesburg, VA 20175 Phone 703-443-4739</p> <p>DATE 3/3/2022 A/C TSN 255 6 ENG TT 255 6 TACH:</p>	
			<p>Engine Entries</p> <p>Replaced #5 CHT probe PN 23DKWUE006F0126 and #6 EGT probe PN 86317. Ops. ck. satisfactory.</p>	
			<p>Maintenance Release</p> <p>The aircraft and/or component(s) on N923CS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of this maintenance are on file at our facility under the above work/service order number as applicable.</p>	
			<p>DATE: 3/3/2022 SIGNED: <i>Michael Arthur</i> Work Order: 1450 Michael Arthur, A&P 3543829 Printed by EBis 3 (datcomedia.com)</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
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			<p>ENGINE MODEL TSIO-540-AJ1A ENGINE S/N L-14549-61E REG NO N923CS WORK ORDER 1309</p> <p>Advanced Leesburg 1005 Sycolin Road Suite 106 Leesburg, VA 20175 Phone 703-443-4739</p> <p>DATE: 3/29/2022 A/C TSN 270 ENG TT 14.4 TACH 270</p> <p>Engine Entries C/W a 100HR/ANNUAL inspection using the Cessna T206H Series checklist. C/W a Comp Test - 1) 78/80 2) 78/80 3) 78/80 4) 78/80 5) 78/80 6) 78/80 Dried oil, insp and replaced oil filter w/CH48110-1 and added 11 qts Phillips XC20W50 Motor oil. Cleaned, insp, gapped and rotated spark plugs Lubed eng controls. C/W AD 2015-19-07 by visual insp of the F/I lines IAW Lycoming MSB 342G Supp #2 NEXT DUE 380 0 Hours, 03/29/2023, or any time maintenance performed on fuel injection system. No defects noted. C/W gnd run up w/no defects noted. AD's checked for compliance thru bi-weekly 03/29/2022. Engine is returned to service</p> <p>I certify this engine has been inspected IAW an annual inspection and is considered airworthy.</p> <p>Maintenance Release</p> <p>The aircraft and/or component(s) on N923CS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of this maintenance are on file at our facility under the above work/service order number as applicable</p> <p>DATE: 3/29/2022 SIGNED: <i>Michael Arthur</i> Work Order: 1309 Michael Arthur, IA: 3543829 Printed by EBis 3 (datcomedia.com)</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
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			<p>MAKE: Textron Aviation Inc MODEL T206H S/N T20609623 REG NO N923CS WQWK ORDER 1676</p> <p>Advanced Leesburg 1005 Sycolin Road Suite 106 Leesburg, VA 20175 Phone 703-443-4739</p> <p>DATE: 5/19/2022 A/C TSN 270 TACH 270</p> <p>Airframe Entries See item #3 for corrective action. Cleaned oil from baggage pod area. Cleaned old sealant and re-sealed the fwd upper mating flange with white marine sealant. Removed the NLG wheel fairing assy. Installed a repaired NLG fairing previously removed from this aircraft. Ordered a new fairing. Removed and replaced the air/oil separator PN 1550167-33. C/W gnd run-up. No defects noted at this time. Inspected the pilot's seat and determined that the seat back adjusting gas cylinder is defective. POO- PN UL18-020VSP1. Removed the pilot's seat and replaced the seat upright control gas cylinder. Re-installed seat. Ops ok satisfactory.</p> <p>Maintenance Release</p> <p>The aircraft and/or component(s) on N923CS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of this maintenance are on file at our facility under the above work/service order number as applicable.</p> <p>DATE: 5/19/2022 SIGNED: <i>Mike Arthur</i> Work Order: 1676 Michael Arthur, A&P: 3543829 Printed by EBis 3 (datcomedia.com)</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
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ENGINE MODEL TSIO-540-AJ1A
ENGINE S/N L-14549-61E
REG NO N923CS
WORK ORDER 1697

ADVANCED

Advanced Leesburg
1005 Sycolin Road Suite 106
Leesburg, VA 20175
Phone 703-443-4739

DATE 5/19/2022
A/C TSN 298 2
ENG TT 14 4
TACH 298 2

Engine Entries

C/W a 50 hr oil chg. Drained oil, removed and insp oil filter replaced with PN CH48110-1 Added 10 qts Phillips XC20W50 oil Cleaned oil filter area
C/W gnd run-up No leaks noted

Maintenance Release

The aircraft and/or component(s) on N923CS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of this maintenance are on file at our facility under the above work/service order number as applicable

DATE 5/19/2022 SIGNED *Mike Arthur* Work Order: 1697
Michael Arthur, A&P 3543829 Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

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

Signature
FLIGHT SUPPORT
A BBA Aviation company
100 Aviation Drive, Suite 100
Charlottesville, VA 22911
Tel (434) 978-1474

CRS# H00R564Y

N# 923CS
Model TIO-540-AJ1A
SN# L-14632-61E
Tach 338.0
WO# S12-22-05626
Date 09-21-2022

Ran engine to operating temp, drained oil and removed filter, inspected filter element for metal, none found. Installed a new filter P/N AA48110-2 and secured. Serviced engine with 11 quarts of Phillips 20W50XC. Performed an engine run for a leak and operational check, no defects noted. All maintenance was done in accordance with Cessna T206H maintenance manual.

The aircraft - Airframe - Engine - Propeller - or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of this repair are on file at this agency under the work order identified above.

Daniel Little
Authorized Signature

CRS# HOOR564Y

Daniel Little

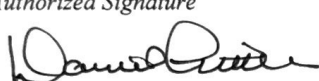
MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE NUMBER
		<p><i>Signature.</i></p> <p>FLIGHT SUPPORT A BBA Aviation company 100 Aviation Drive, Suite 100 Charlottesville, VA 22911 Tel (434) 978-1474</p> <p>CRS# H00R564Y</p> <p>N# 923CS Model T206H SN# T20609623 Tach 376.9 WO# S12-23-05784 Date 02-21-2023</p> <p>Removed aircraft battery Gill p/n G-242 s/n G03050063, serviced all cells with distilled water and placed on top charge, performed capacity check of fully charged battery and battery failed in 8 mins @ 10 amps, battery removed from service. Installed new battery Gill p/n G-242 s/n G02800977 and secured. Cleaned corrosion from battery terminals. Operational check good. All maintenance was done in accordance with Cessna T206H maintenance manual.</p> <p>The aircraft - Airframe - Engine - Propeller - or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of this repair are on file at this agency under the work order identified above.</p> <p>Daniel Little Authorized Signature</p> <p><i>Daniel Little</i></p> <p>CRS# HOOR564Y</p> <p>Form LB-1</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE NUMBER
		<p><i>Signature.</i></p> <p>FLIGHT SUPPORT A BBA Aviation company 100 Aviation Drive, Suite 100 Charlottesville, VA 22911 Tel (434) 978-1474</p> <p>CRS# H00R564Y</p> <p>N# 923CS Model T10-540-AJ1A SN# L-14632-61E Tach 420.0 WO# S12-23-05936 Date 08-17-2023</p> <p>Ran engine to operating temp, drained oil and took oil sample. Removed the filter and inspected filter element for metal, none found. Installed a new filter P/N AA48110-2 and secured. Serviced engine with 11 quarts of Phillips 20W50XC. Performed an engine run for a leak and operational check, no defects noted. All maintenance was done in accordance with Cessna T206H maintenance manual.</p> <p>The aircraft - Airframe - Engine - Propeller - or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of this repair are on file at this agency under the work order identified above.</p> <p>Daniel Little Authorized Signature</p> <p><i>Daniel Little</i></p> <p>CRS# HOOR564Y</p> <p>Form LB-1</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	Signature. FLIGHT SUPPORT ABBA Aviation company 100 Aviation Drive, Suite 100 Charlottesville, VA 22911 Tel (434) 978-1474	CRS# H00R564Y N# 923CS Model T10-540-AJ1A SN# L-14632-61E Tach 434.0 WO# S12-24-06041 Date 01-04-2024
Complied with Lycoming MSB No. 653 I/A/W this service bulletin and Hartzell Engine Tech Alert Service Bulletin No. 098 by visual inspections of engine driven fuel pump p/n L-14632-61E, s/n H-YJN038FP listed in table 2 of this MSB for set screw and washer for proper seating, no defects or leaks noted.			
<i>The aircraft - Airframe - Engine - Propeller - or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of this repair are on file at this agency under the work order identified above.</i>			
		Daniel Little Authorized Signature 	CRS# HOOR564Y Form LB-1

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
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			Date: 05/07/2024 Hours: AFTT: 554.9 HOBBS 554.9 Tail#: N923CS Make: CESSNA Model: T-206 H S/N: T20609623 THIS POWERPLANT HAS BEEN INSPECTED I/A/W A ANNUAL INSPECTION PER APPENDIX D TO PART 43 AND CESSNA T 206 SERVICE MANUAL AS A GUIDE.COMPRESSION TEST #1 78/80 #2 79/80 #3 79/80 #4 78/80 #5 79/80 #6 78/80. DRAINED OIL, REMOVED AND INSPECTED OIL FILTER (NO METAL FOUND) INSTALLED AA48110-2 FILTER AND SERVICED WITH 10 QTS OF PHILLIPS 20W50. REMOVED CLEANED, INSPECTED AND TESTED SPARKPLUGS. ALL AD'S ARE C/W TO THIS DATE SEE AD LOG. I CERTIFY THAT THIS POWERPLANT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME	
			Name: Tommy Thornton Cert: A&P IA 3238343 Co: Thornton Aviation Maintenance Sign: 