

LYCOMING

ENGINE LOG

N42XM

SSP-1872-1

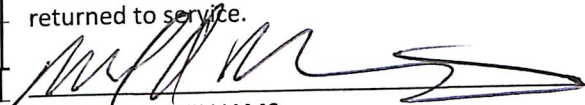
Serial No.

[illegible]

Serial No.

ENGINE LOG

Serial No.

Date	Signature	License Number
AIRCRAFT: 2015 XTREMEAIR XA42 SN: 136 ENG: LYC AEIO580B1A SN: L-412-79E TTSN: 52.4 DATE: 20 JULY, 2023		
Removed cowlings for inspection. FWF in like new condition. Inspected all hoses and controls. Lubricated as necessary. Ran engine prior to compression test: cyl 1- 79/80, cyl 2- 79/80, cyl 3- 79/80, cyl 4- 78/80, cyl 5- 78/80, cyl 6- 77/80. Drained engine oil and oil sample taken for analysis. Refilled with Aeroshell 100W Plus. Engine oil screen removed and cleaned. No significant matter found. Engine Break-in appears complete. Engine test run satisfactory and no leaks noted. All ADs complied with this date. I certify this engine has been inspected IAW Lycoming Wide Deck 540 (580) Engine Maintenance Instructions and IAW the Scope and Detail of 14CFR Part 43 AppD and was found to be in AIRWORTHY CONDITION. Aircraft returned to service.  MICHAEL A. WILLIAMS 304449107 IA		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Make: Lycoming			LEADING EDGE AVIATION  Logan-Cache Airport (KLGU) 900 W 2500 N, Logan, UT 84321 435-752-5955	Tach Time: 28.00	
Model: AEIO-580-B1A				Total Time: 28.00	
Ser #: L-412-79E					
Reg #: N42XM					
I certify that this ENGINE has been inspected IAW a 100 HR inspection and FAR 43 Appendix D and was determined to be in airworthy condition. Inspected hoses, lines, and fittings. Inspected all engine controls. Cleaned and gapped spark plugs. Performed test run. All leak and ops checks good. No defects noted. Cold compression ck Compression Check: #1-76/80 #2-76/80 #3-77/80 #4-75/80 #5-76/80 #6-75/80 The aircraft/engine/propeller identified above was inspected and/or repaired IAW current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this location.					
Signature / Certificate #:			Date:		
Kim R Hall 2793751 AP/IA			07/23/19		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Make: Lycoming			LEADING EDGE AVIATION  Logan-Cache Airport (KLGU) 900 W 2500 N, Logan, UT 84321 435-752-5955	Tach Time: 23.04	
Model: AEIO-580-B1A				Total Time: 28.67	
Ser #: L-412-79E					
Reg #: N42XM					
I certify that this ENGINE has been inspected IAW a 100 HR inspection and FAR 43 Appendix D and was determined to be in airworthy condition. Inspected hoses, lines, and fittings. Inspected all engine controls. Cleaned and gapped spark plugs. Performed test run. All leak and ops checks good. No defects noted. Compression Check: #1-79/80 #2-78/80 #3-79/80 #4-78/80 #5-79/80 #6-76/80 The aircraft/engine/propeller identified above was inspected and/or repaired IAW current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this location.					
Signature / Certificate #:			Date:		
Kim R Hall 2793751 AP/IA			04/11/21		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8/28/15			MVP50 TACH: 1.0 TTSN 1.0 I CERTIFY THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>Logan J. Hall</i> AIP 3052068 I.A.		
4/5/17			MVP50 Tach: 10.1 TTSN: 13.6 (Engine Time) Diff. Comp. test all cyl. 79/80 spark #4 was 77/80. Checked mag timing. Changed oil filter, oil, and spark plugs. No defects noted. Changed oil. Serviced with AeroShell oil @ 100. Adjusted idle mixture and idle RPM. Continued next page.		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/5/17			(Cont) Took oil sample for analysis. Engine ground run leak checked - no defects noted! I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition. <i>Michael Jenkins</i> AIP 1984600		

Make: Lycoming
Model: AEIO-580-B1A
Ser #: L-412-79E
Reg #: N42XM

LEADING EDGE AVIATION



Logan-Cache Airport (KLGU)
900 W 2500 N, Logan, UT 84321
435-752-5955

Tach Time: 23.04
Total Time: 23.04

I certify that this ENGINE has been inspected IAW a 100 HR inspection and FAR 43 Appendix D and was determined to be in airworthy condition. Inspected hoses, lines, and fittings. Inspected all engine controls. Cleaned and gapped spark plugs. Performed test run. All leak and ops checks good. No defects noted. Compression Check: #1-79/80 #2-78/80 #3-79/80 #4-78/80 #5-79/80 #6-76/80

The aircraft/engine/propeller identified above was inspected and/or repaired IAW current Federal Aviation Regulations and is approved for return to service.

Pertinent details of the repair(s) are on file at this location.

Signature / Certificate #:
Kim R Hall 2793751 AP/IA

Kim R. Hall

Date: 07/03/18

ENGINE DESCRIPTION

Mfgr.	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				

LYCOMING

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.

Part Number: ENPL-RT10520
Serial Number L-412-79E
Engine Model AEIO-580-B1A
Work Order AR597121
Total Time 0 New

Low L Adams 9/18/14
Authorized Representative Date

Production Certificate #3
652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Form 777C Rev 05/13

LYCOMING

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 _____ TO _____ 20 _____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP-1872-1

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October 1994