ENGINE LOG BOOK

LYCOMING™

03/04/2022 16:24

Engine Log & Maintenance Record

LOG #: 01

RECORD OF LYCOMING (MAKE) AEIO-580-B1A (MODEL) L-552-79E (SERIAL)

AIRCRAFT REGISTRATION NUMBER: _____

FROM 14 NOVEMBER 2018 TO _____ 20___

DETAILING TIME FROM 00:00 „NEW" (HOURS) TO _____ (HOURS)

If used on a multi-engine aircraft: _____Right _____Left _____Front _____Rear

New Reciprocating Engine Certificate

LYCOMING

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-RT10427
Serial Number	L-552-79E
Engine Model	AEIO-580-B1A
Work Order	KM719600
Total Time	0

[redacted] 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

03/04/2022 16:24

Engine Log

Serial # L-552-79E

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD					
14.11.2018	00:00	-	Inst. on Extra NG, S/N NG0016 0 hrs. TAT	[redacted]	EXTRA QM-078

Southeast Aero Services Inc.

St Augustine, FL.
Phone (904) 824-1899/Fax (904) 824-6334

Lycoming AEIO-580-B1A s/n:L-552-79E N100NG

8-3-2021 Tach:90.5hrs. Engine Total Time:90.5hrs. Completed 12 Month Condition Inspection in accordance with 14 CFR43 Appendix D with references to Chapters 4 and 5 Extra NG maintenance manual Doc. No. EX01702, Extra EASA.21J.593 assembly checklist and Lycoming LMO-AEIO-580-2 maintenance manual this date. AD's checked thru FAA Bi-Weekly 2021-16, no AD's due at this time. Removed, cleaned, reinstalled fuel injector nozzles. Fuel injector lines and clamps inspected referencing Chapter72-60-08f4 of Lycoming AEIO-580 Maintenance and O/H manual with no defects noted. Verified engine serviced with 10qts oil. Installed new magneto (Lt position) Model:6393, s/n:11040487 and timed to engine using new gasket/hardware. Installed new Sparkplugs: #1 cylinder upper/lower locations. Installed new probes: #5 cylinder EGT/CHT locations. Cleaned engine and lubricated controls. Engine ground run completed, systems function check satisfactory with no leaks noted. Compression checked as follows:1)78/80 2)78/80 3)77/80 4)78/80 5)77/80 6)78/80.
I certify this Engine has been inspected in accordance with a 12month condition inspection and was determined to be in Airworthy condition at this tin

Bryan M Wood A&P [redacted]

Southeast Aero Services Inc.

St Augustine, FL.
Phone (904) 824-1899/Fax (904) 824-6334

Lycoming AEIO-580-B1A s/n:L-552-79E N100NG

10-8-2021 Tach:106.9hrs. Installed/secured new oil temp sensor, engine ground run completed system function normal with no leaks noted.

Bryan M Wood A&P [redacted]

Southeast Aero Services Inc.

St Augustine, FL.
Phone (904) 824-1899/Fax (904) 824-6334

Lycoming AEIO-580-B1A s/n:L-552-79E N100NG

10-28-2021 Tach:112.7hrs. Oil drained, pressure/suction screens removed/inspected with no contaminants noted. Screens cleaned/reinstalled/secured using new gaskets. Installed oil quick-drain valve assembly p/n:P5000. Engine serviced with 10qts Aeroshell W-100 oil. [illegible] engine baffle assembly. Engine ground run completed systems function normal with no leaks noted. [redacted]

Bryan M Wood A&P [redacted]

Page

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Total to Date:_____

SSP-1872-1 © 2015 Avco Corporation. All Rights Reserved.

03/04/2022 16:24

Engine Log

Serial # _____

Date

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Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Lycoming AEIO-580-B1A s/n:L-552-79E N100NG

12-30-2021 Tach:125.7hrs. Removed prop, cleaned mating surfaces. Cleaned/prep/installed new crankshaft seal per Chapter 72-60-06f10 AEIO-580 Maintenance/O/H manual. Prop reinstalled using new packing, hardware torque/secured. Alternator drive belt tension set, hardware torque/secured. Engine cleaned, and ground run completed, systems function normal with no leaks noted. [redacted]

Bryan M Wood A&P [redacted]

Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Lycoming AEIO-580-B1A s/n:L-552-79E N100NG

1-28-2022 Tach:137.0hrs. Oil drained, pressure/suction screens removed/inspected with no contaminants noted. Screens cleaned/reinstalled/secured using new gaskets. Engine serviced with 11qts Aeroshell W-100 oil. Engine ground run completed systems function normal with no leaks noted [redacted] Bryan M Wood A&P [redacted]

03/04/2022 16:25

SOUTHEAST AERO SERVICES, INC.

"Extra Aircraft Product Support"

Aircraft Weight and Balance Data.

Extra NG S/N: NG001

Date: 7-28-2021 Aircraft weighed this date.

		Veight (Lbs)		Arm (In.)		Moment (In Lbs)
	Lt Main	696.0		9.8		6820.8
	Rt Main	674.0		9.8		6605.2
	Tail	111.0		205.5		22810.5
	Aircraft Empty Weight	1481.0		24.5		36236.5
		Std/Acro III		Acro 1		Acro II
	GROSS WEIGHT:	2095.0		1808.0		1918.0
	USEFUL LOAD:	614.0		327.0		437.0

[redacted]

Bryan M Wood

A&P [redacted]

03/04/2022 16:25

N100NG

Luftfahrzeug-Bordbuch

03/04/2022 16:25

Bordbuch Nr.: 02

Erste Eintragung: _____

Letzte Eintragung: _____

Bordbuch

Art des Luftfahrzeugs: FLUGZEUG

Staatszugehörigkeits- und Eintragungszeichen: **N100NG**

Höchstgewicht: 950 kg

Höchstzul. Anzahl der Insassen: 2

Mindestbesatzung: 1

Hersteller: Extra Flugzeugproduktions- und Vertriebs-GmbH, Hünxe, Germany

Muster: EXTRA NG

Referenz-Nr. der Musterzulassung: EASA.A.620

Werk-Nr.: NG001

Baujahr: 2021

EXTRA
FLUGZEUGPRODUKTIONS-
UND VERTRIEBS GMBH
Schwarze Heide 21 • D-46569 Hünxe
Tel.: 02858/91370 • Fax 02858/913730
VAT-ID: DE 813757882

1. Richtlinien zur Führung des Bordbuches siehe Seiten 98 bis 101
2. Englische Übersetzung siehe Seiten 102 und 103

03/04/2022 16:25

9	10	11	12
Datum	Techn. Störungen, Unfälle, techn. Mängel	Datum	Instandhaltung, Nachprüfungen

AC Registr.: D-EXNG
AC Type EXTRA NG S/N NG001
AC Hrs.: 110:25 hrs / 265 landings

Hiermit wird bescheinigt, dass dieses Luftfahrzeug vollständig der als Muster zugelassenen Konstruktion und den in der EASA FORM 52 No. 05/2021 in den Feldern 9, 10, 11, 12 und 13 angegebenen Daten entspricht.
Das Luftfahrzeug befindet sich in einem betriebssicheren Zustand.
Das Luftfahrzeug hat eine Flugerprobung befriedigend durchlaufen.

It is hereby certified that this aircraft conforms fully to the type-certificated design and to the items shown in EASA FORM 52 No. 05/2021 in boxes 9, 10, 11, 12 and 13.
The aircraft is in a condition for safe operation.
The aircraft has been satisfactorily tested in flight.

Extra Flugzeugproduktions- und Vertriebs-GmbH
DE.21G.0180

Hünxe, 16.02.2021
Place, data,

[redacted]
Stamp and sign Certifying Staff

EXTRA QM-078

Gesamtbetriebszeit des Luftfahrzeugs (seit der Herstellung) Stunden

03/04/2022 16:25

1	2	3	4	5	6	7	8
Datum	Name und Unterschrift des verantw. Lfz.-Führers	Anzahl Besatzgs.-Mitglieder	Anzahl Fluggäste	Flug von / nach	Zeit (GMT) Start / Ldg.	Anzahl Landungen	Betriebszeit Std.

Lan

Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Extra NG s/n:NG001 N100NG

8-3-2021 Tach:90.5hrs. Airframe Total Time:90.5hrs. Assembled aircraft and completed 12 Month Condition Inspection in accordance with 14 CFR43 Appendix D with references to Chapters 4 and 5 Extra NG maintenance manual Doc.No. EX01702 and Extra EASA.21J.593 assembly checklist this date. Opened access provisions and inspection panels. Wing, landing gear, horizontal stabilizer and rudder assemblies installed, hardware torque/secured. Verified function/travel limits of all flight controls. Completed general servicing as required and lubricated airframe components per lubrication schedule. Installed Artex 345X ELT Kit. Model 345, unit p/n:8102 Rev.C, s/n:317-10576 installed referencing Artex Y1-03-0282 Rev.P Description, Operation, Installation and Maintenance Manual dated 2-16-2021. FAA form 337 completed and filed. ELT system inspected in accordance with 14CFR 91-207(d) with satisfactory results, battery exp:8-31-2028. AD's checked thru FAA Bi-Weekly 2021-16, no AD's due at this time. Inspected and cleaned fuel system screens. Fuel system/components and qty indicating systems checked for proper calibration/operation/function with no leaks noted. Installed/sealed fuselage belly panel. Closed inspection panels and access provisions. Aircraft weighed, revised aircraft weight/balance data and equipment list to reflect changes.

I certify this Airframe has been inspected in accordance with a 12month condition inspection and was determined to be in Airworthy condition at thi

Bryan M Wood A&P [redacted]

Ges

03/04/2022 16:25

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Datum

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ıng, Nachprüfungen

SOUTHEAST AERO SERVICES, INC.
385 Hawkeye View Lane
St. Augustine, Florida 32095
FAA Cert. Repair Station UV4R584M

Extra NG S#NG001 N100NG 03AUG2021 TT: 127.5 WO #16384
The ATC transponder tests and inspections required by FAR 91.413
Have been performed and found to comply with FAR part 43 Appendix F.
Transponder model: GNX375
s/n: 5GJ003577

I certify that the aircraft or appliance identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service.

[redacted]

Windell Brian Tyler

Extra Flugzeugproduktions-und Vertriebs-GmbH, Model: EXTRA NG
Serial Number: NG001

I find this aircraft meets the requirements for a Special Airworthiness Certificate in the Experimental Category for the purpose of Exhibition and have issued a special airworthiness certificate and operating limitations dated August 5th, 2021.

[redacted]

George E. Littlefield III
Federal Aviation Administration
Designated Airworthiness Representative

[redacted]

03/04/2022 16:25

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Landun

Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Extra NG s/n:NG001 N100NG

10-8-2021 Tach:106.9hrs. Removed Lt wingtip, removed broken wing sight device. Repaired wingtip attach locations and reinstalled using new hardw[redacted]

Bryan M Wood A&P1[redacted]

Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Extra NG s/n:NG001 N100NG

10-28-2021 Tach:112.7hrs. Reinstalled Lt wingtip sight device.

[redacted] Bryan M Wood A&P[redacted]

Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Extra NG s/n:NG001 N100NG

11-12-2021 Tach:123.4hrs. Installed new tires Lt/Rt main gear locations using new packing per Beringer I.C.A. tires serviced to spec. Wheel assemblies reinstalled/torque and secured.

[redacted] Bryan M Wood A&P[redacted]

Gesamtbe

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Min.

03/04/2022 16:26

9

Datum

Southeast Aero Services Inc.

St Augustine, FL.
Phone (904) 824-1899/Fax (904) 824-6334

Extra NG s/n:NG001 N100NG

12-30-2021 Tach:125.7hrs. Removed/cleaned-flushed inverted oil system oil separator and reinstalled. Purged crankcase vent system plumbing

Bryan M Wood A [redacted]

03/04/2022 16:26

SOUTHEAST AERO SERVICES, INC.
385 Hawkeye View Lane
St. Augustine, Florida 32095
FAA Cert. Repair Station UV4R584M

Extra NG S#NG001 N100NG 11FEB2022 TT: 159.9 WO #16475
Removed the existing GA 35 WAAS antenna S# 167060. Installed new GA 35 WAAS antenna S# 202316.

I certify that the aircraft or appliance identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service.

[redacted]

Windell Brian Tyler

Gesamtbetriebszeit des Luftfahrzeugs (seit der Herstellung) Stunden

1	6	7	
Datum	Start Ldg.	Anzahl Landungen	Betr Std.
Landunge	übertrag		

SOUTHEAST AERO SERVICES, INC.
385 Hawkeye View Lane
St. Augustine, Florida 32095
FAA Cert. Repair Station UV4R584M

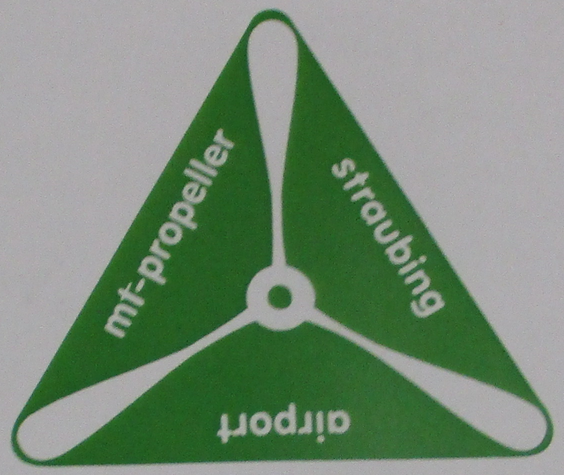
Extra NG S#NG001 N100NG 17FEB2022 TT: 159.9 WO #16475
Removed GSU25C ADHRS S# 5Q2003346. Installed exchange GSU25C S# 5Q2002648. Calibrated the ADHRS, and performed the magnetometer calibration with reference to the G3X installation manual.

I certify that the aircraft or appliance identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service.

[redacted]

Windell Brian Tyler

03/04/2022 16:26



mt-propeller

The Winner's Propeller

PROPELLER LOGBOOK

EASA DE.21G.0008 / EASA.21J.020

MTE - 1198
Juni 2005

03/04/2022 16:27

Owner Name

Address

Propeller Model MTV-9-B-C

Blade Model C198-25

Hub Serial No. 181435

Blade Serial No. 1 AJG-71865

2 AJG-71866

3 AJG-71867

4 /

5 /

6 /

Propeller Diameter: 198 cm ± 0,5 cm

Low Pitch: 9,5 ° ± 0,2 °

High Pitch: 34 ° ± 1 °

Feathering: / ° ± / °

Reverse: / ° ± / °

at radius station: 74 cm

TCI: 72 Month

TBO: 2400 Hrs.

03/04/2022 16:27

INSTALLATION HISTORY

Date	Aircraft Model, Registration & Serial No., Tacho or Hobbs-Time
4.11.2018	Instl. on Extra NG, S/N NG001 @ 0 hrs. TAT

EXTRA . DE.21G.0180

EXTRA QM-078

03/04/2022 16:27

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signature Repairman and Station Certificate Numbers
Sept 2 2008	00:00	—	Manufactured	6419 [redacted]

Southeast Aero Services Inc.

St Augustine, FL.
Phone (904) 824-1899/Fax (904) 824-6334

MT-Propeller MTV-9-B-C/C198-25 s/n:181435 N100NG

8-3-2021 Tach:90.5hrs. Prop Total Time:90.5hrs. Completed 12 Month Condition Inspection in accordance with 14 CFR43 Appendix D with references to Chapters 4 and 5 Extra NG maintenance manual Doc. No. EX01702 and Extra EASA.21J.593 assembly checklist this date. AD's checked thru FAA Bi-Weekly 2021-16 with no AD's due at this time.

I certify this Propeller has been inspected in accordance with a 12month condition inspection and was determined to be in Airworthy condition at this time.

Bryan M Wood A&P [redacted]

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

03/04/2022 16:28