

LYCOMING

ENGINE LOG

SSP-1872-1

LYCOMING

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

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING AEIO-390-A1B6 L-432-80E
MAKE MODEL SERIAL

FROM 2 - 16 20 15 TO _____ 20 _____
DETAILING TIME FROM 0.0 TO _____
HOURS HOURS

SSP-1872-1

© 1994 by Textron Lycoming "All Rights Reserved"

October 1994

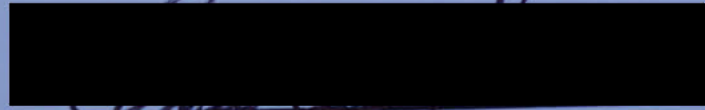
LYCOMING

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-RT10786
Serial Number L-432-80E
Engine Model AEIO-390-A1B6
Work Order HP605832
Total Time 0 New

Form 777C Rev 05/13


Authorized Representative

1/29/15
Date

Production Certificate #3

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

Mfgr.

Type

Rated H

Rated P

Bore

Compr

Reduc

Propel

Blade

Max. H

Pitch

Name

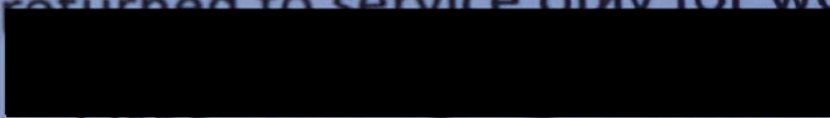
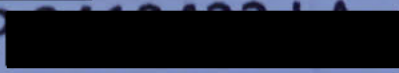
Addre

ENGINE DESCRIPTION

Mfgr.	LYCOMING	Place	Williamsport, PA 17701	Date	2-16-2015
Type		Model	AEIO-390-A1B6	Serial No.	L-432-80E
Rated H.P.	210	Max. H.P.	210	Weight (Dry)	315 LBS
Rated R.P.M.	2700	Max. R.P.M.	2700	Oil Pressure	55-95 PSI.
Bore	5.319	Stroke	4.375	Displacement	389 Cu. In.
Compression Ratio	8.9:1	Supercharger Ratio			
Reduction Gear Ratio					
Propeller	MTV-15-B-C/C193-25	Hub Design	MTV-15-B-C	Hub Serial No.	140910
Blade Design	C193-25	Blade Serial No.	AFH-54481	Blade Serial No.	AFH-54482
Max. Hub H.P.		Max. Blade H.P.			
Pitch		Diameter		Length	
Name					
Address					

ENGINE LOG

Serial No.

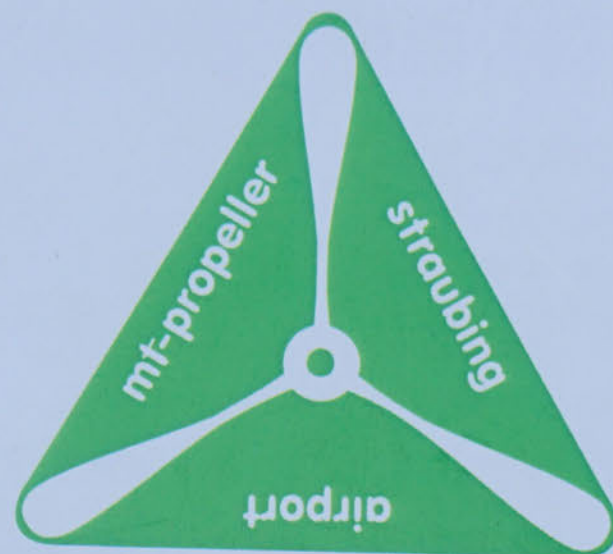
			Signature	License Number
Date	Time Hrs Min		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	
9-24-2020			N390PE LYCOMING AEIO-390-A1B6 S/N L-432-80E TACH TIME 104.2 HOBBS 115.7 Removed clean, gapped, tested and rotated spark plugs. Spark plugs lead load test. Engine running a little rough adjust engine per engine trouble shooting guide lines SSP-475. Run engine check for ops all checked ok. This engine is returned to service only for work performed.	
			 Omar Garcia Hernandez A&P 	
			Page Total	
			Brought Forward	
			Total to Date	
			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	

ENGINE LOG

Serial No. _____

Date	Time	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
15 JAN 2021		N390PE S/N 1156-2015 LYCOMING AEIO-390-A1B6 S/N L-432-80E TT 106.4 TTENG 106.4		
		CW ANNUAL INSPECTION IAW FAR 43 APP (D) (SEE CHECK LIST FOR DETAILS).		
		PERFORMED ENGINE COMPRESSION CHECK: #1 76/80 #2 76/80 #3 76/80 #4 76/80 MASTER ORIFICE READING: 43/80		
		REMOVED CLEAN, GAP, CHECK AND ROTATE SPARK PLUGS.		
		INSPECTED FUEL LINES, REMOVED AND CLEAN FUEL INJECTORS ULTRASONICALLY.		
		CHECK MAG TIMING, CHECKED GOOD.		
		EXHAUST SYSTEM PRESSURED CHECKED AND CABIN HEAT MUFF CHECKED GOOD.		
		REPLACED INDUCTION AIR FILTER WITH NEW P/N BA 8103-1.		
		SERVICE ENGINE WITH (8 QTS) OF W100 PLUS OIL AND A NEW OIL FILTER P/N CH48108-1 CHAMPION.		
		OPEN OIL FILTER, CHECK FOR DEBRIS AND METAL, NONE FOUND.		
		INSPECT AND LUBRICATE ALL ENGINE CONTROLS.		
		CW AD COMPLIANCE REPORT THRU 01-15-2021 USING ZOOK'S AVIATION-THE AD TOOL BOX.		
		WORK PERFORMED IAW SERVICE MANUAL (SM-601) REVISION B.		
		I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY CONDITION		
		AND RETURNED TO SERVICE.		

OMAR GARCIA HERNANDEZ A&I



mt-propeller

The Winner's Propeller

PROPELLER LOGBOOK

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

MTE - 1198
Juni 2005

Owner Name _____

Address _____

Propeller Model _____

MTV-15-B-C

Blade Model _____

C193-25

Hub Serial No. _____

160923

Blade Serial No. 1 _____

ATA - 59754

2 _____

ATA - 59755

3 _____

4 _____

5 _____

6 _____

Propeller Diameter: 193 cm $\pm$ 0.5 cm

Low Pitch: 8 ° $\pm$ 0.2 ° TCI: 72 Month

High Pitch: 34 ° $\pm$ 1 ° TBO: 1800 Hrs.

Feathering: / ° $\pm$ / °

Reverse: / ° $\pm$ / °

at radius station: 72 cm

Date

09-15-2016

WO

MO

SER

THE

ANI

REC

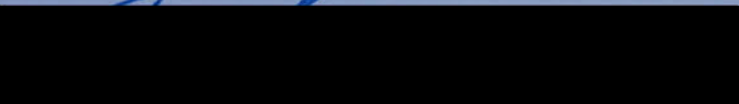
PER

REF

DA

SIG

INSTALLATION HISTORY

Date	Aircraft Model, Registration & Serial No., Tacho or Hobbs-Time
09-15-2016	 AMERITECH INDUSTRIES DBA AMERICAN PROPELLER SERVICE REPAIR STATION No. NO3R717L 20208 CHARLANNE DRIVE REDDING, CA 96002 USA WORK ACCOMPLISHED <u>Assembled New</u> MODEL NO. <u>MTV-15-B-C</u> SERIAL NO. <u>160923</u> THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER REPAIR ORDER # <u>20951-09-2016</u> DATED: <u>09-15-2016</u> SIGNED  MIKE CROWELL (AUTHORIZED INDIVIDUAL)

FORM LB01

3

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
Sep 05 2016	00:00	—	Manufactured	[Redacted]
Ray's Aviation PO Box 887 Santa Paula, CA 93061 805.525.4352 Reg#: N390PE Make: M.T. Model: MTV-15-B-C S/N: 160923 Date: 10/17/2016 Tach/Hobbs: 45.9 Total Time: 000 Installed this prop using the M.T. installation instructions provided with propeller. Test ran and no defects were noted. Ray Maxon A&P [Redacted] [Redacted]				
Ray's Aviation PO Box 887 Santa Paula, CA 93061 805.525.4352 Reg#: N390PE Make: M.T. Model: MTV-15-B-C S/N: 160923 Date: 11/1/2017 Tach/Hobbs: 66.4 Total Time: 20.5 I certify that this prop has been inspected in accordance with the scope and detail of appendix "D" to part 43 inspection procedures and was found to be airworthy and safe for operation. Ray Maxon A&P [Redacted] [Redacted]				
NOTE: Enter compliance with all applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12				

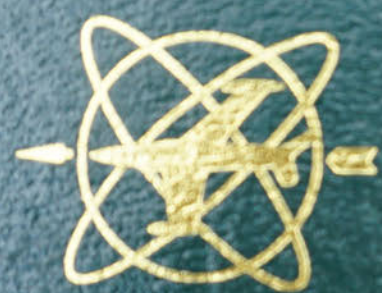
MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
Ray's Aviation PO Box 887 Santa Paula, CA 93061 805.525.4352 Reg#: N390PE Make: M.T. Model: MTV-15-B-C S/N: 160923 Date: 11/14/2018 Tach/Hobbs: 76.9 Total Time: 31 I certify that this prop has been inspected in accordance with the scope and detail of appendix "D" to part 43 inspection procedures and was found to be airworthy and safe for operation. Ray Maxon A&P [Redacted] [Redacted]				
Ray's Aviation PO Box 887 Santa Paula, CA 93061 805.525.4352 Reg#: N390PE Make: M.T. Model: MTV-9-B-C S/N: 160923 Date: 12/3/2019 Tach/Hobbs: 84.9 Total Time: 39 I certify that this prop has been inspected in accordance with the scope and detail of appendix "D" to part 43 inspection procedures and was found to be airworthy and safe for operation. Ray Maxon A&P [Redacted] [Redacted]				
NOTE: Enter Compliance with All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12				

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
15 JAN 2021	N390PE	S/N 1156-2015	PROPELLER M.T. MODEL: MTV-15-B-C S/N 160923 TT 106.4 TTPROP 60.5.	
			CW ANNUAL INSPECTION IAW FAR 43 APP (D) (SEE CHECK LIST FOR DETAILS).	
			CLEAN AND INSPECTED HUB, BLADES, BACK PLATE BRACKET AND SPINNER.	
			CW AD COMPLIANCE REPORT THRU 01-15-2021 USING ZOOK'S AVIATION-THE AD TOOL BOX.	
			WORK PERFORMED IAW SERVICE MANUAL (SM-601) REVISION B.	
			I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY	
			CONDITION AND RETURNED TO SERVICE.	

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



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer AMERICAN CHAMPION AIRCRAFT

Model BKCAB

Serial 1156-2015

Registration Number N390PE

Date of Manufacture 2-16-2015

Engine(s) currently installed:

Manufacturer LYCOMING

Model AEIO-390-A1B6 Serial L-432-80E

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer MT. PROPELLER

Model MTV-15-B-C/C193-25

HUB Model MTV-15-B-C

Serial 140910

Serial _____

Blade Model C193-25

Serial AFH-54481

Serial AFH-54482

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

[illegible]

YEAR	RECORDING	TOI
DATE	TACH	FLI
12/5/2018	76.9	

Ray's Aviation CRS R6AR284J
35 Cessna Taxi, Santa Paula CA. 93060
805-525-4352

Date: 12/5/2018 Static System: ☒ Altimeter: ☒
Altimeter new: ☐ O/H ☐ Cert. Only: ☒

Altimeter(s) tested to 20,000 ft.

The Altimeter, Transponder and altitude reporting equipment in this aircraft were tested and found in compliance with 14CFR91.411 and 91.413 and 14CFR 43 Appendices E & F.

Mfr.: Garmin Model: GTX33 S/N: 89128787

Date: 12/5/2018 Aircraft Reg. No. N390PE

Randall K. Oaks

PILOT ☒ COPILOT ☐ STBY ☐ OTHER ☐					
Altimeter Make: <u>Aspen Avionics</u> Model: <u>EFD1000</u> S/N: <u>21217</u>					
Registration: <u>N390PE</u> Date: <u>12-5-2018</u>					
ALT	TOL	IND	ALT	TOL	IND
-1000	±20	-1000	14000	±100	13990
0	±20	0	16000	±110	16000
500	±20	500	18000	±120	18000
1000	±20	1000	20000	±130	20000
1500	±25	1500	22000	±140	
2000	±30	2000	25000	±155	
3000	±30	3000	30000	±180	
4000	±35	4000	35000	±205	
6000	±40	6000	40000	±230	
8000	±60	7990	45000	±255	
10000	±80	9990	50000	±280	
12000	±90	11990			

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				15 JAN 2021 N390PE S/N 1156-2021 TACH TIME 106.4 TTAC 106.4 CW ANNUAL INSPECTION IAW FAR 43 APP (D) (SEE CHECK LIST FOR DETAILS). CW FAR 91.207 (D). ELT OP'S CHECK FOUND TO BE GOOD.ELT BATT EXPIRES 10/26. SWITCH PLACED BACK TO ARM. REPLACED TWO WELLNUTS ON RIGHT HAND WHEEL PANT. P/N B832. AD 2018-14-06 IS DUE AT TACH TIME 161.0. INSPECTED WHEELS, BRAKE PADS, CALIPERS, BEARINGS AND RACES CLEAN AND REPACK. CHECK ALL CABLES, TURN BARRELS, PULLEYS AND CABLE TENTIONS. LUBED ALL CONTROLS. INSTALLED COMPETITION SEAT BELTS IN FRONT AND BACK SAEATS (CUSTOMER SUPPLIED) FROM HOOKER CUSTOM HARNESS, INC. W/O 40046. WEIGHT AND BALANCE NEGLIGIBLE. CW AD COMPLIANCE REPORT THRU 01-15-2021 USING ZOOK'S AVIATION-THE AD TOOL BOX. WORK PERFORMED IAW SERVICE MANUAL (SM-601) REVISION B. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY CONDITION AND RETURNED TO SERVICE. [REDACTED] OMAR GARCIA HERNANDEZ A& [REDACTED]

YEAR
20____
DATE

LU
6304 JK

Date: 1/28/21
 S/N: 1156-2
 ATC Transp
 required by
 Transpond
 Updated A
 and IOP V

The aircraft
 inspected
 approved
 A22527 D

Tests, Repairs and Alterations

Time, Rating and Certificate Number of Technician or
other specific entries.)

DETAILS).

EXPIRES 10/26. SWITCH PLACED BACK TO ARM.

CLEAN AND REPACK.

TESTED ALL CONTROLS.

(CUSTOMER SUPPLIED) FROM HOOKER CUSTOM

IN-THE AD TOOL BOX.

AND FOUND TO BE AIRWORTHY

MANDEZ A

YEAR

20

DATE

LUBBOCK AERO

6304 N. Cedar Ave, Lubbock, TX 79403

Phone: 806-747-5101

Fax: 806-767-8000

Date: 1/28/2021 N-390PE Make: American Champion, Model: 8KCAB

S/N: 1156-2015 Tach: 107.6

ATC Transponder has been tested IAW FAR'S and found to comply with part 43 appendix F, as
required by FAR 91.413.

Transponder Model: GTX 33ES, p/n: 011-00779-30, s/n: 89128787

Updated Aspen EFD1000 P/N: 910-00001-001 S/N: 21217 software from MAP VER: 2.6.5 to 2.9.0.1
and IOP VER: 2.0.5 to 2.1.1 per Aspen SB 2019-01.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and
inspected in accordance with current regulations of the Federal Aviation Administration and is
approved for return to service. Pertinent details are on file at this repair station under Work Order No.
A22527 Date 1/28/2021 Signed _____ (CRS#4B0R190D)

Repairs and Alterations

Time and Certificate Number of Technician or
other specific entries.)