The Standard

AIRCRAFT LOG

ASA-SA-8

PRODUCTION ORDER NUMBER: 2537
MX-7-180B O-360-C1F S/N22029C N3052B

GLACIER WHITE (2001/U-TECH)
VINYL STRIPE SCHEME 2: FOREST GREEN & TAN
LEADING EDGE: EVERGREEN (2010/U-TECH)

PLEASE SEND ADDRESS CHANGE FOR S/B & S/L:
2099 GA HWY 133 SOUTH
MOULTRIE, GA 31788
PH:1-229-985-2045 - FX:1-229-890-2402

MAULE Air, Inc.

Aircraft Record General Information

Manufacturer MAULE AIR, INC. **Model** MX-7-180B

Serial 22029C **Registration Number** N3052B

Date of Manufacture 3RD QTR 2008

Engine(s) currently installed:

Manufacturer LYCOMING **Model** O-360-C1F **Serial** L-41251-36E

Manufacturer _____ **Model** _____ **Serial** _____

Propeller(s) currently installed:

Manufacturer HARTZELL **Model** HC-C2YR-1BF/F7666A

HUB Model HC-C2YR-1BF **Serial** CH43855B **Serial** _____

Blade Model F7666A **Serial** K73642 **Serial** K73645 **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

PRODUCTION # 2537

YEAR 20 08 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks
09-02	1.9	1484	12.93	1016	FACTORY WT & BAL

YEAR 20 08 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)
09-02	1.9		1.9	PITOT STATIC SYSTEM CHECK TO MAULE SPEC S-26 AND FAR 91.411. TRANSPONDER CHECK TO FAR 91.413. ELT/EBC-502, S/N: 210366 REPLACE BATTERY: APRIL 2010. CECONITE FABRIC COVERING. SIGNED: CHARLES DERMYRE, INSPECTOR MAULE AIR, INC.
				PRODUCTION FLIGHT TEST COMPLETE 08-28-08 IN ACCORDANCE WITH FAR 21.157. AIRCRAFT FOUND SATISFACTORY. SIGNED: R. K. MAULE LICENSE NUMBER: 1265257

YEAR 20 08 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.)
				MODEL: MX-7-180B / SERIAL NUMBER: 22029C / REG. NUMBER: N3052B
				AIRCRAFT FINAL FLIGHT TEST COMPLETED DATE: 08-28-2008, IN ACCORDANCE WITH FAR 21.157. AIRCRAFT FOUND SATISFACTORY.
				SIGNED: R. K. MAULE
				LICENSE NUMBER: 1265257
09-02	1.9		1.9	I FIND THIS AIRCRAFT MEETS THE REQUIREMENTS FOR CERTIFICATION REQUESTED AND HAVE ISSUED A STANDARD AIRWORTHINESS CERTIFICATE, DATED: 09-02-2008. THE NEXT ANNUAL INSPECTION IS DUE ON DATE: 09-02-2009
				SIGNED: CHARLES DERMYRE, FAA DARF142071CE
				MAULE Air, Inc.

YEAR 20 08 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)
1 Sept 09	34.8			INSTALLED NEW GROUND RG35AHC. SN46318345. [signature] A&P 1340061
22 Sept 09	36.2	Wired Voltage Reg Correctly. Installed new Sky-Tec Starter Mod 149-12LS SN F2L-090952 Test Run - Opps OK		[signature] A&P 516703968

Engine Log Book Entry

Date: 9-3-08 Engine Time: 1.9

Installed the TAS100 preheater system, S/N 39737 in accordance with Tanis Aircraft Services instructions and drawing NO. 100(A)

Name: K. Wilkes A & P#: 260137002

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.)

Authorized American Champion Aircraft Sales and Service Center

Aircraft Rental
Flight Instruction
Airplanes
Pilot Shop
Major and Minor Repairs

FLY SIDNEY AVIATION
308-254-5668
11149 Rd 16
Sidney, NE 69162

01-22-2010 TOTAL TIME: 0040.8 TACH: 0040.8

PERFORMED MAINTENANCE AND INSPECTION ON AIRFRAME. CHECKED AND LUBED ALL FLIGHT CONTROLS, HARDWARE, PULLEYS, AND FAIRLEADS. REMOVED ENGINE FROM THIS AIRFRAME FOR PROP STRIKE INSPECTION. INSTALLED ENGINE. PERFORMED ELT SELF TEST AS PER FAR 91.207 AND RTCA DO-204A. CHECKED WHEELS, TIRES, AND BRAKES. CHECKED FUEL SCREEN. TROUBLESHOOT RUDDER TRIM AND RIGGING PROBLEMS. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

A&P 508158167

DATE: 01-22-10 TOTAL TIME: 40.8

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

SIGNED Kurt Mullin

CERTIFICATE # IA 2174498

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.)

This Aircraft's ATC Transponder system has been inspected and tested in accordance with FAR 43 appendix F and have been found to comply with FAR 91.413
Transponder #1 GTX 327 P/N GTX 327 S/N 83734048

The Aircraft, component, or appliance identified above was repaired and/or inspected in accordance with current Federal Aviation Administration Regulations and is hereby approved for return to service.

Tested By [signature] Cert Y5AR767X Date 3/5/10

Advanced AeroTechnologies Group, L.L.C. #Y5AR767X
622 Beegles Lane
Greeley, CO 80631
(970) 352-TECH (970) 373-3295

TAch = 40.9

03-15-10	0040.9			REPLACED ELT BATTERY WITH NEW EBC GS-52. NEW EXP DATE APR 2012. TESTED ELT AS PER FAR 91.207(d) 1-4. [signature] 508158167

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.)

ARLIN'S AIRCRAFT SERVICE, INC.

[illegible]

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
05 MAY 2011	N3052B	22029C	59.1

Inspection completed this date. Checked cables, pulleys, lights, brakes, tires, and battery. Checked ELT per 91-207(d) ELT battery (Due APRIL 2012). Drained sumps. Cleaned gascolator. Checked wing, gear and tail bolts. Greased tail wheel.

Arlin C. Wass A&P 1340061

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
05 MAY 2011	N3052B	22029C	59.1

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Arlin C. Wass IA 1340061

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.)

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BOZEMAN, MT 59718 (KBZN)
(406) 388-4301, FAX (406) 388-7417, www.arlinsaircraft.com, arlinsaircraft@aol.com

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
02 JUN 12	N3052B	22029C	70.4

Inspection completed this date. Checked cables, pulleys, lights, brakes, tires, battery. Checked ELT per 91-207(d) ELT battery (Due MAY 2014). Drained sumps. Cleaned gascolator. Checked wing, gear and tail bolts. Greased tail wheel. Replaced instrument filter. Complied with AD 2012-03-07 & S/B-18 Rev.A Marvel Schebler Carb HA-6. See form 8130-3.

Arlin C. Wass A&P 1340061

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
02 JUN 12	N3052B	22029C	70.4

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Arlin C. Wass I.A. 1340061

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.)

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
02 JULY 2013	N3052B	22029C	89.0

Inspection completed this date. Checked cables, pulleys, lights, brakes, tires, and battery. Checked ELT per 91-207(d). ELT Battery due (May 2014). Drained sumps. Cleaned gascolator. Checked wing, gear and tail bolts. Greased tail wheel. Replaced instrument filter.

Arlin C. Wass A&P 1340061

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
02 JULY 2013	N3052B	22029C	89.0

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Arlin C. Wass IA 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
8 Aug 2014	N3052B	22029C	95.3

Inspection completed this date. Checked cables, pulleys, lights, brakes, tires, and battery. Checked ELT per 91-207(d). ELT Battery due (AUG 2016). Drained sumps. Cleaned gascolator. Checked wing, gear and tail bolts. Greased tail wheel. Replaced instrument filter. Reinstalled inspection panels and cowl.

Arlin C. Wass A&P 1340061

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
8 Aug 2014	N3052B	22029C	95.3

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Arlin C. Wass IA 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	SERIAL #	TAC
18 SEPT 2014	N3052B	22029C	95.3

Installed a new RG-35 AXC Concord Battery.

Arlin C. Wass A&P 1340061

s, Repairs and Alterations
ting and Certificate Number of
pages for other specific entries)

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	SERIAL #	TAC	TOTAL TIME
1 OCT 2015	N3052B	22029C	100.1	100.1

Inspection completed this date. Checked cables, pulleys, lights, brakes, tires, and battery. Checked ELT per 91-207(d). ELT Battery due AUG 2016. Drained sumps. Cleaned gascolator. Checked wing, gear and tail bolts. Greased tail wheel. Replaced instrument filter. Reinstalled inspection panels and cowl.

Arlin C. Wass A&P 1340061

DATE	REGISTRATION	SERIAL #	TAC	TOTAL TIME
1 OCT 2015	N3052B	22029C	100.1	100.1

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Arlin C. Wass IA 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
20 JULY 2017	N3052B	22029C	109.4

Inspection completed this date. Checked cables, pulleys, lights, brakes, tires, and battery. Checked ELT per 91-207(d). ELT Battery due SEPTEMBER 2018. Drained sumps. Cleaned gascolator. Checked wing, gear and tail bolts. Replaced ELT battery. Greased tail wheel. Reinstalled inspection panels and cowl.

Arlin C. Wass A&P 1340061

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
20 JULY 2017	N3052B	22029C	109.4

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Arlin C. Wass IA 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-1417, www.arlinsaircraft.com, arlinsaircraft@aol.com

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
21 AUG 2018	N3052B	2029C	116 2

Inspection completed this date. Checked cables, pulleys, lights, brakes, tires, and battery. Checked ELT per 91-207(d). ELT Battery due JUNE 2020. Drained sumps. Cleaned gascolator. Checked wing, gear and tail bolts. Replaced the ELT battery. Greased tail wheel. Reinstalled inspection panels and cowl.

Arlin C. Wass A&P 1340061

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
21 AUG 2018	N3052B	2029C	116 2

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Arlin C. Wass IA 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

530 Wings Way, Belgrade, MT 59714 (406) 388-1351
CRS QM5R150N (KBZN)

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
4 SEP 2019	N3052B	2029C	116.3

Annual inspection completed this date. Checked cables, pulleys, lights, brakes, tires, and battery. Checked ELT per 91-207(d). ELT Battery due JUNE 2020. Drained sumps. Cleaned gascolator. Greased gear. Checked wing, gear and tail bolts. Greased tail wheel. Reinstalled inspection panels and cowl.

Alan C. Wass A&P 2386273

I certify that the items above were repaired and/or inspected in accordance with current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work are on file at Arlin's Aircraft Service, Inc , under Work Order No. 27921.

Alan C. Wass CRS QM5R150N

ARLIN'S AIRCRAFT SERVICE, INC.

200 Wings Way, Belgrade, MT 59714 (406)-898-2012
CRS QM5R150N (KBZN)

DATE	REGISTRATION	SERIAL #	TAC	TOTAL TIME
1 OCT 2022	N3052B	2029C	118.7	118.7

Annual inspection completed this date. Checked cables, pulleys, lights, brakes, tires, and battery. Checked ELT per 91-207(d). ELT Battery due JULY 2025. Drained sumps. Cleaned gascolator. Checked wing, gear and tail bolts. Installed a new RG35 AXC battery, S/N 41255653. Installed new ELT battery and ELT speaker battery. Greased tail wheel. Reinstalled inspection panels and cowl.

Arlin C. Wass A&P 1340061

I certify that the items above were repaired and/or inspected in accordance with current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work are on file at Arlin's Aircraft Service, Inc., under Work Order No. 30200.

Arlin C. Wass CRS QM5R150N

ion of Inspections, Tests, Repairs and Alterations
st be endorsed with Name, Rating and Certificate Number of
or Repair Facility. (See back pages for other specific entries.)

The Standard

ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer LYCOMING **Model** O-360-C1F

Serial L-41251-36E **Type Certificate** 286

This engine is currently installed in aircraft: MAULE AIR, INC. MX-7-180B
S/N: 22029C REG: N3052B

Minimum Octane Fuel 100/100LL **Oil Grade** Summer 50 Winter 30

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at 2000 **hours**

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL O-360-C1F SERIAL NO. L-41251-36E

DATE APR 14 2008

(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

LYCOMING ENGINES
652 Oliver Street
Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

YEAR: 2008 DATE	RECORDING TACH TIME	TODAYS 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.)
09-02	1.9		1.9	ENGINE IN SERVICE AT THIS TIME. HOURS INCLUDE PRODUCTION FLIGHT TEST. SIGNED: CHARLES DERMYRE, FAA DARF142071CE MAULE AIR, INC.

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE SERIAL NUMBER L-41251-36E

IN SERVICE DATE 090208 ENG. T.T. 1.9

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)

CENTRAL CYLINDER SERVICE INC.
AIRCRAFT ENGINE REBUILDERS
Certified Repair Station MY2R022L
6315 Lindbergh Drive • Riverfront Industrial Park • Omaha, NE 68110

Lycoming 0 360 C1F S/N L-41251-36E TT 40[illegible] 12-1-09
Prop strike inspection and repair - Disassembled above engine, cleaned and inspected as necessary. Magnafluxed misc steel parts and crankshaft. Zyglo inspected crankcase. Reassembled engine using new rod nuts and bolts, crank and cam bolts, exchange roller tappets and necessary gaskets and seals. Replaced 2 ea magnetos. No other accessory work done. Reinstalled cylinders. No other cylinder work done. Test ran engine and found to be airworthy. Applicable AD's complied with. All work accomplished in accordance with Lycoming Service Publications. Details of work are on file at this facility W.O. 14122.

Dan Gunti for CRS MY2R022L

DATE	

CENTRAL CYLINDER SERVICE INC.
AIRCRAFT ENGINE REBUILDERS
Certified Repair Station MY2R022L
6315 Lindbergh Drive • Riverfront Industrial Park • Omaha, NE 68110

prop stike insp

SERVICEABLE
MAINTENANCE RELEASE

MAKE Lycoming S/N L-41251-36E

MODEL 0 360 C1F UNIT NAME engine

☒ REPAIRED ☐ OVERHAULED ☒ TESTED ☐ CALIBRATED

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR THE RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 14122

INSPECTOR Dan [illegible] DATE 12-2-09

CENTRAL CYLINDER SERVICE INC.
CERTIFIED REPAIR STATION MY2R022L
6315 LINDBERGH DRIVE
OMAHA, NEBRASKA 68110
(402) 451-6468

L-1543-A

L-41251-36E TT 40 12-1-09

bove engine, cleane
l parts and crank-
gine using new rod
er tappets and nec-
. No other accesso
der work done. Te
AD's complied with
Service Publicatio
14122.

MY2R022L

YEAR: / DATE	RECORDING TACH TIME	TODAYS 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.)

Authorized
American Champion Aircraft
Sales and Service Center

Aircraft Rental
Flight Instruction
Aerobatics
Pilot Shop
Major and Minor Repairs

FLY SIDNEY AVIATION
308-254-5668
11149 Rd 16
Sidney, NE 69162

01-22-2010 TOTAL TIME: 0040.8 TACH: 0040.8

REMOVED ENGINE FOR PROP STRIKE INSPECTION. SEE YELLOW TAG AND PRECEDING LOG ENTRY. INSTALLED ENGINE. PERFORMED MAINTENANCE AND INSPECTION ON ENGINE. CHECKED ALL CONTROL CABLES AND HARDWARE. CHECKED MAG TO ENGINE TIMING. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

A&P 508158167

01-22-10	40.8		SERVICED	ENGINE WITH 7qts AEROSHELL 80. A+P 508158167

ODAYS
LIGHT

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	ENGINE	SERIAL#	TAC & TOTAL TIME
05 MAY 2011	N3052B	0360-C1F	L-41251-36E	59.1

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Pressure checked exhaust system. Checked alternator and starter. Tightened lower engine mount bolts. Checked controls. Washed and ran engine. Adjusted idle and mixture. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	ENGINE	SERIAL#	TAC	SFACNEW
02 JUN 12	N3052B	0360-C1F	L-41251-36E	70.4	70.4

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator and starter. Pressure checked exhaust system. Checked controls. Complied with AD 2012-03-07 Marvel-Schebler HA-6 Carb. See form 8130-3. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

Repairs and
and Certificate
es for other spe

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	ENGINE	SERIAL#	TAC	SFACNEW
02 JULY 2013	N3052B	0360-C1F	L-41251-36E	89.0	89.0

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator and starter. Pressure checked exhaust system. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	ENGINE	SERIAL#	TAC	SFACNEW
8 AUG 2014	N3052B	0360-CIF	L-41254-36E	95.3	95.2

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil. Changed filter. Checked alternator and starter. Pressure checked exhaust system. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

DING	TODAYS FLIGHT

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACNEW
1 OCT 2015	N3052B	0360-CIF	L-41251-36E	100.1	100.1

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Check alternator and starter. Pressure checked exhaust system. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACNEW
20 JULY 2017	N3052B	0360-C1F	L-41251-36E	109.4	109.4

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Pressure checked exhaust system. Checked controls Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

YEA

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pairs and Alte
nd Certificate Num
for other specific

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACNEW
21 AUG 2018	N3052B	O-360-C1F	L-41251-36E	116.2	116.2

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Pressure checked exhaust system. Checked Marvel Schebler Service Bulletin 18 Rev. A. Carburetor data tag is stamped IC17, Service Bulletin N/A. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

530 Wings Way, Belgrade, MT 59714 (406) 388-1351
CRS QM5R150N (KBZN)

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACNEW
4 SEP 2019	N3052B	O-360-C1F	L-41251-36E	116.3	116.3

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil. Checked alternator. Checked starter. Pressure checked exhaust system. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Alan C. Wass A&P 2386273

YEAR:

DATE

ARLIN'S AIRCRAFT SERVICE, INC.

200 Wings Way, Belgrade, MT 59714 (406)-898-2012
CRS QM5R150N (KBZN)

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACNEW
1 OCT 2022	N3052B	O-360-C1F	L-41251-36E	118.7	118.7

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Pressure checked exhaust system. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C2YR-1BF

PROPELLER S/N CH-32601A

LOGBOOK # 1

Date	Propeller TSN	Propeller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.

Authorized
American Champion Aircraft
Sales and Service Center

Aircraft Rental
Flight Instruction
Aerobatics
Pilot Shop
Major and Minor Repairs

FLY SIDNEY AVIATION
308-254-5668
11149 Rd 16
Sidney, NE 69162

01-22-2010 TACH TIME: 0040.8

INSTALLED THIS PROPELLER AS PER HARTZELL PROPELLER OWNER'S MANUAL 115N, PAGE 3-41, G. (1)-(10), ON AIRCRAFT N3052B. SEE FAA FORM 8130-3 DATED 11/11/09.

A&P 508158167

ARLIN'S AIRCRAFT SERVICE, INC.
36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-741[illegible], www.arlins[illegible], arlins@arlins.com

DATE	REGISTRATION	PROPELLER	SERIAL #	TAC	SREPAIR
05 MAY 2011	N3052B	HC-C2YR-1BF	CH32601A	59.1	19.1

Checked, greased and inspected propeller. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

ARLIN'S AIRCRAFT
SERVICE, INC.
36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	PROPELLER	SERIAL #	TAC	SREPAIR
02 JUN 2012	N3052B	HC-C2YR-1BF	CH32601A	70.4	30.4

Painted, greased and inspected propeller. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

ARLIN'S AIRCRAFT
SERVICE, INC.
36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	PROPELLER	SERIAL #	TAC	SREPAIR
02 JULY 2013	N3052B	HC-C2YR-1BF	CH32601A	89.0	49.0

Checked, greased and inspected propeller. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.

ARLIN'S AIRCRAFT SERVICE, INC.
36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	PROPELLER	SERIAL #	TAC	SREPAIR
08 AUG 2014	N3052B	HC-C2YR-1BF	CH32601A	95.3	53.3

Painted, greased and inspected propeller. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

ARLIN'S AIRCRAFT SERVICE, INC.
36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	PROPELLER	SERIAL #	TAC	SREPAIR
1 OCT 2015	N3052B	HC-C2YR-1BF	CH32601A	100.1	60.1

Painted, greased and inspected propeller. I certify that this propeller has been inspected in accordance with a 100 HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	PROPELLER	SERIAL #	TAC	SREPAIR
20 JULY 2017	N3052B	HC-C2YR-1BF	CH32601A	109.4	69.4

Cleaned, greased and inspected prop. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	PROPELLER	SERIAL #	TAC	SREPAIR
21 AUG 2018	N3052B	HC-C2YR-1BF	CH32601A	116.2	76.2

Painted, greased and inspected propeller. I certify that this propeller has been inspected in accordance with a 100 HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

Airworthiness Directi
inor Repair, and Insp

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (KBZN)
(406)-388-1351, FAX (406)-388-7417, www.arlins.com, arlins@arlins.com

DATE	REGISTRATION	PROPELLER	SERIAL #	TAC	SREPAIR
4 SEP 2019	N3052B	HC-C2YR-1BF	CH32601A	116.3	76.3

Cleaned, greased and inspected prop. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Alan C. Wass A&P 2386273

ARLIN'S AIRCRAFT SERVICE, INC.

200 Wings Way, Belgrade, MT 59714 (406)-898-2012
CRS QM5R150N (KBZN)

DATE	REGISTRATION	PROPELLER	SERIAL #	TAC	SREPAIR
1 OCT 2022	N3052B	HC-C2YR-1BF	CH32601A	118.7	78.7

Cleaned, greased and inspected propeller. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

B1. Approving National Aviation Authority/Country: FAA / UNITED STATES	2. **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form tracking Number: 09-0798

4. Organization Name and Address: Sensenich Propeller Service, Inc
1142 Aviation Boulevard, Gainesville, Ga. 30501

5. Work Order/Contract/Invoice Number: G13186

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number	12. Status/Work:
1	Hartzell 2-Blade Propeller Assembly	HC-C2YR-1RF/ F7666A	N/A	1	CH32601A	Repair

13. Remarks :Blade S/N's: H99093, H99094 Disassemble, Service, Paint Blades, Assemble, Check Track, Set Angles, Balance - Complete Reseal. All work done in accordance with Hartzell specifications.

Propeller TSN: **Brought Forward** Propeller TSO: **Unknown**

14. Certifies the items above were manufactured in conformity to:

☐ Approved design data and are in condition for safe operation.

☐ Non-approved design data specified in Block 13.

19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13.

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in block 13 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.

15. Authorized Signature:	16. Approval/Authorization No.	20. Authorized Signature:	21. Approval/Certificate No.: S46R346N
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Daniel Landis	23. Date (m/d/y): 11/11/09

USER/INSTALLER RESPONSIBILITIES

It is important to understand the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft can be flown.

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

N5052B

09/30/2022

AD NOTES COMPLIANCE RECORD

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
84-26-02	Paper induction air filters	ACFT NEW 9-2-08			X	500 HRS	
2004-10-14	CORRECTION - Prevent loosening or failure of the crankshaft gear retaining bolt				X	Due at prop strike	
2012-03-07	To address a "machined-from-billet" HA-6 carburetor having a loose mixture control sleeve that rotated in the carburetor body	6-2-12 70.4 hrs	C/W IAW SB 18 rev A. See Engine Log Entrie.	X			
2017-16-11	Engine Connecting Rod Assemblies Integrity	NA	AD Not Applicable Con Rod Bushings Have Not Been Replaced Since Factory New .	X		NA	
2022-16-03	S-1200 Series Magnetos Roller Bearings Improper Lubricatio		N/A Slick Mags Installed.	X			