

37899

***LYCOMING***

A Textron Company

ENGINE LOG

**SSP-1872-1**

**LYCOMING**

A Textron Company

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**

## 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 IO-360-A1B6 SERIAL NO. L-31893-51A

DATE 01/18/05 Day L. Moore

(AUTHORIZED REPRESENTATIVE)

**LYCOMING**

A Textron Company

**LYCOMING ENGINES**

652 Oliver Street

Williamsport, PA 17701 U.S.A.

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

## 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					

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
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**Mid Atlantic Aviation Inc.**

Williamsburg, VA

April 01, 2009

**Aircraft:** C-177**N #:** 7574V**Tach:** 3723.0

Performed 100 hour inspection I/A/W CFR Title 14 Part 43 Appendix D inspection Checklist. Installed engine model IO-360-A1B6 as approved in TCDS A20CE. Complied with AD 2008-08-14, fuel injection servo plug, no defects noted. Complied with AD 2008-14-07, Fuel Injector lines, no defects noted. Serviced engine with 8 QTS of Aeroshell 100 Mineral. Installed new Tempest 48110-1 oil filter. Replaced oil cooler hoses with new. Hose assembly manufactured by A.E.R.O Aviation (Reference Invoice # 78470). Installed new exhaust hardware and gaskets. Installed new induction hardware and gaskets. Replaced alternator power, and ground leads. Replaced cylinder temperature lead with new. All work completed I/A/W Lycoming maintenance manual. Performed functional and leak checks, no defects found. I certify this engine was inspected I/A/W a 100 hour and was determined to be in airworthy condition.

Michael Acosta



AP-3068970

[www.midatlanticaviation.com](http://www.midatlanticaviation.com)

Total to Date

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/1/09	3	33.0	Complied w/ AD 2009-02-03 - no delays noted. Next due @ 3772.0	K. D. G.	AP 24865



## ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELLS-BLADE, MT 59714 (KBZT)  
 (406) 388-1351, FAX (406) 388-7417, www.arlins.com, arlin@arlins.com

DATE	REGISTRATION	ENGINE	SERIAL#	TAC	SFACOH
08 OCT 09	N7574V	IO360-A/B6	L-31893-51A	3743.0	20.0

Installed overhauled vacuum pump. See form 8130-3. Installed oil quick drain. Replaced oil dipstick gasket. Installed fuel servo gasket Part# 2577258 to C/W AD 2009-02-03. Changed oil Phillips 20W50 and filter. Washed and ran engine.

*Arlin C. Wass*

Arlin C. Wass A&P 1340061

Brought Forward

Total to Date

\_\_\_\_\_  
 Certified mechanic, and his rating and  
 Certificate Number MUST be shown.



# ENGINE LOG

Serial No. \_\_\_\_\_

Di



## ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD, BELGRADE, MT 59714 (800) 380-1300, FAX (406) 380-7417, www.arlins.com, arlin@arlins.com

DATE	REGISTRATION	ENGINE	SERIAL#	TAC	SFacOH
14 MAY 2010	N7574V	IO360-A1B6	L-31893-51A	3800.8	77.8

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Pressure checked exhaust system. Checked alternator and starter. Checked fuel injector lines to comply with AD 2008-14-07. Checked controls. Installed engine baffle rubber. 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&amp;P 1340061

Signature

License  
Number

Page Total

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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. \_\_\_\_\_



## ARLIN'S AIRCRAFT SERVICE, INC.

26 GALLATIN FIELD, BELGRADE, MT 09714 (KBDZ)  
406-308-4350, FAX (406)-308-7417, www.arlins.com, arlin@arlins.com

Signature \_\_\_\_\_

DATE	REGISTRATION	ENGINE	SERIAL#	TAC	SEACOH
22 APR 2011	N7574V	IO360-A1B6	L-31893-51A	3922.2	199.2

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Pressure checked exhaust system. Checked alternator and starter. Checked fuel injector lines to C/W AD 2008-14-07. 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*

Arlin C. Wass A&P 1340061

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST BE



# ARLIN'S AIRCRAFT SERVICE, INC.

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

DATE	REGISTRATION	ENGINE	SERIAL#	TAC	SFACOH
01 MAY 12	N7574V	I0-360-A1B6	L-31893-51A	3998.7	275.7

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Checked alternator and starter. Cleaned fuel screen. Pressure checked exhaust system. Checked controls. Checked fuel injector lines to comply with AD 2011-26-04. Installed new alternator belt. Replaced air filter element. 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

Serial No

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Page Total

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All Repair Data Must Bear the End  
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Number MUST be Show

# ENGINE LOG

Serial No. \_\_\_\_\_



## ARLIN'S AIRCRAFT SERVICE, INC.

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

<u>DATE</u>	<u>REGISTRATION</u>	<u>ENGINE</u>	<u>SERIAL#</u>	<u>TAC</u>	<u>SFACOH</u>
03 MAY 2013	N7574V	I0360-A1B6	L-31893-54A	4052.9	329.9

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Checked alternator and starter. Cleaned fuel screen. Pressure checked exhaust system. Checked controls. Checked fuel injector lines to C/W AD 2011-26-04. 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

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a  
Certificated Mechanic, and his Rating and  
Certificate Number

# ENGINE LOG



## ARLIN'S AIRCRAFT SERVICE, INC.

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

DATE	REGISTRATION	ENGINE	SERIAL#	TAC	SFACOH
14 MAY 2014	N7574V	IO360-A1B6	L-31893-54A	4112.6	389.6

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator and starter. Cleaned fuel screen. Pressure checked exhaust system. Installed a new starter Bendix. Checked fuel injector lines to comply with AD 2011-26-04. Replaced valve gaskets on Cylinders #2 & #3. 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

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All Repair Data Must Bear the  
Signature of a Certified Mechanic, and his  
Certificate Number MUST be

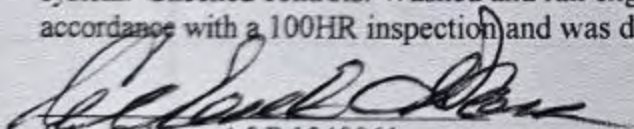


# ARLIN'S AIRCRAFT SERVICE, INC.

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	SFACOH
8 MAY 2015	N7574V	I0360-A1B6	L-31893-54A	4196.5	473.5

Inspection completed this date. Checked compression. Changed plugs. Checked mag timing. Changed oil and filter. Checked alternator and starter. Cleaned fuel screen. Checked fuel injector lines to comply with AD 2008-14-07. Installed alternator brushes and drive end bearing. 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 (KBZT)  
(406) 388-1351, FAX (406) 388-7417, www.arlins.com, arlinv@arlins.com

<u>DATE</u>	<u>REGISTRATION</u>	<u>ENGINE</u>	<u>SERIAL#</u>	<u>TAC</u>	<u>SFACOH</u>
04 MAY 2016	N7574V	I0360-A1B6	L-31893-51A	4253.9	530.9

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator and starter. Pressure checked exhaust system. Checked fuel injector lines to comply with AD 2015-19-07. 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 (KBN)  
(406) 388-1351, FAX (406) 388-7417, www.arlins.com, arlins@arlins.com

Serial No. \_\_\_\_\_

Signature \_\_\_\_\_

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACOH
5 MAY 2017	N7574V	10360-A1B6	L-31893-51A	4314.4	591.4

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Removed both mags. Replaced points and condensers. Repaired broken exhaust shroud between oil pan and exhaust cross-over pipe. Installed a rebuilt exhaust cross-over pipe, Part #2054019-1. Checked fuel injection lines to comply with AD 2015-19-07. 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.

*Arline C. Wass*  
Arline C. Wass A&P 1340061

1 MA 918  
TAC 4342.1

*INSTALLED A FERRARIS ME 4222 STARTER*  
*Arline C. Wass A&P 1340061*

Page Total
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Total to Date

All Repair Data Must Bear the Endorsement of Certified Mechanic, and his Rating and Certificate Number MUST be Shown.



# 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	SFACOH
30 AUG 2018	N7574V	IO-360-A1B6	L-31893-51A	4342.8	619.8

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Pressure checked exhaust system. Checked fuel injection lines to comply with AD 2015-19-07. 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

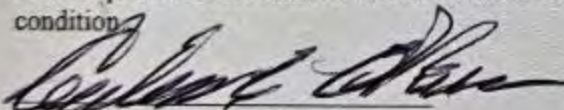


# ARLIN'S AIRCRAFT SERVICE, INC.

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	SFACOH
11 MAY 2019	N7574V	IO-360-A1B6	L-31893-54A	4377.6	654.6

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil (Phillips 20W50) and filter. Checked alternator. Checked starter. Cleaned fuel screen. Pressure checked exhaust system. Cleaned and painted forward right engine mount. Removed both mags. Adjusted the left mag points and installed a new right mag. Checked fuel injector lines and clamps to comply with AD 2015-19-07. 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

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All Repair Data Must Bear th



# ARLIN'S AIRCRAFT SERVICE, INC.

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

<u>DATE</u>	<u>REGISTRATION</u>	<u>ENGINE</u>	<u>SERIAL #</u>	<u>TAC</u>	<u>SFACOH</u>
22 MAY 2020	N7574V	IO-360-A1B6	L-31893-54A	4396.9	673.9

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Pressure checked exhaust system. Checked fuel injection lines and clamps to comply with AD 2015-19-07. 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

# ENGINE LOG




## ARLIN'S AIRCRAFT SERVICE, INC.

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

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACOH
24 SEP 2021	N7574V	IO-360-A1B6	L-31893-51A	4409.3	686.3

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Pressure checked exhaust system. Checked fuel injector lines and clamps to comply with AD 2015-19-07. 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

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Total to Date

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Certificate Number MUST

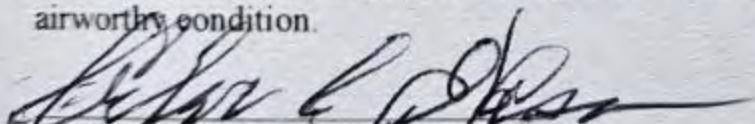


# ARLIN'S AIRCRAFT SERVICE, INC.

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

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACOH
7 DEC 2022	N7574V	IO-360-A1B6	L-31893-51A	4420.8	697.8

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Pressure checked exhaust system. Checked fuel injector clamp to comply with AD 2015-19-07. 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

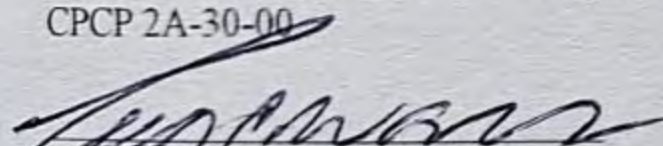


# ARLIN'S AIRCRAFT SERVICE, INC.

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

DATE	REGISTRATION	SERIAL #	TAC
13 SEP 2023	N7574V	177RG0865	4424.8

Replaced gear-down press-to-test light assembly. Complied with AD 2023-02-17, eddy current inspection of carry-thru spar, accomplished by Neptune Aviation Services, See NDT Report. Applied protective coatings to carry-thru spar in accordance with SEL 57-09R1 and SI 53-11-01 and CPCP 2A-30-00

  
Alan C. Wass A&P 2386273

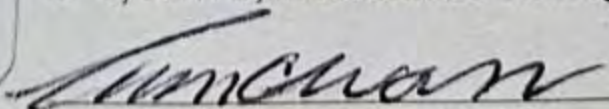


# ARLIN'S AIRCRAFT SERVICE, INC.

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

DATE	REGISTRATION	SERIAL #	TAC
3 NOV 2023	N7574V	177RG0865	4424.8

Installed voice alert system, P/N 2040, in accordance with STC SA03658AT and Installation Procedure IP-1, Rev. 3, Installation Drawing Figure J. No weight change.

  
Alan C. Wass A&P 2386273

I certify that the transponder test and inspection required by FAR 91.413 has been performed and found to comply with Part 43, Appendix F.

Unit: KT-76A S/N: 68031  
Date: 11/14/23 A/C Time: 4432.9 TAC  
Reg#: N 7574V W/O#: 23N075  
Signature:   
AEROTRONICS, INC. CRS NH2R031L #11



# ARLIN'S AIRCRAFT SERVICE, INC.

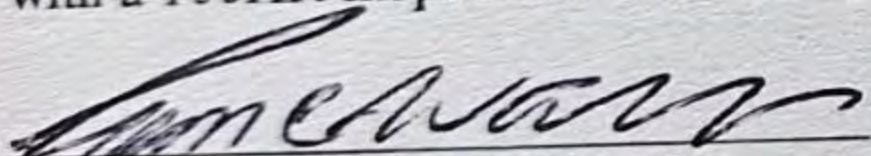
200 Wings Way, Belgrade, MT 59714 (406)-898-2012  
CRS QM5R150N (KBZN)

Serial No. \_\_\_\_\_

Signature \_\_\_\_\_

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACOH
1 NOV 2024	N7574V	IO-360-A1B6	L-31893-51A	4470.1	747.1

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Cleaned fuel screen. Pressure checked exhaust system. Complied with AD 2015-19-07, fuel injector line inspection, in accordance with SB 342G. 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

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All Repair Data Must Bear the End  
Certificated Mechanic, and his Ra  
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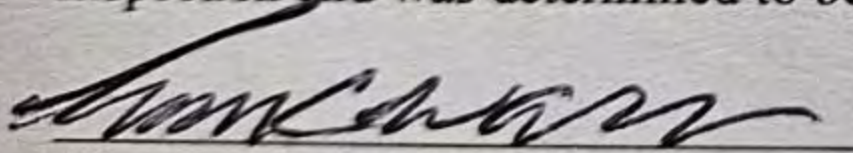


# ARLIN'S AIRCRAFT SERVICE, INC.

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

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SFACOH
15 JAN 2024	N7574V	IO-360-A1B6	L-31893-51A	4434.0	711.0

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator. Checked starter. Cleaned fuel screen. Pressure checked exhaust system. Checked fuel injector lines and clamps to comply with AD 2015-19-07. 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

Serial