

N 1948B

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 IO 360-A1B6D L-21323-51A
MAKE MODEL SERIAL

FROM _____ 20 _____ TO _____ 20 _____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP-1872-1

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October 1994

ENGINE DESCRIPTION

Mfgr.	LYCOMING	Place Williamsport, PA 17701	Date
Type	Model IO 360 A1B6D	Serial No. L-21323-S1A	
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
	Hrs	Min			
11-21-03	Tach =	328.1	Installed this engine in N1948B Cessna 177RG S.N. 177RG0564. Engine Installed with New Load mounts and bolts. Fluid carrying hoses replaced. See PHT Inc invoice # 542525 dated 10-17-03. Baffles powder coated. Aircraft Test Flown for 1 hour.	Curtis Hutchinson	AP539607576
11-21-03	tach =	328.1	TSMO = 0.0 TET = 3799.25 Completed annual insp this date.		
SpanaFlight, Inc. 16715 Meridian E. Bldg. H Puyallup, WA 98373 (253) 848-2020			Total Aircraft Time <u>2794.1</u> certify this Date <u>11-21-03</u> <u>AP539607576</u> has been inspected in accordance with a <u>General</u> inspection and was determined to be in airworthy condition Signature <u>[Signature]</u> A & N No		
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
	Hrs	Min			
11-21-03	TACH = 2744.1		TACH = 325.1 AD 96-1287 CIW @ engine O/H. Next Due @ Tach 3244.1 AD2002-2601 CIW @ engine O/H. Next Due @ tach annual 11-04. M. [Signature]		
4/15/05	TACH = 336.0		TSMOH = 3.5 TET = 3800.7 TAT = 2742.0 Annual Inspection Completed this Date. Compression Check - 1.20/80, 2.74/80, 3.25/80, 4.27/80. Changed Oil & Filter. Service w/ 87 $\frac{1}{2}$ Aeroshell 80 Mineral. Filter ok for break-in.		
			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			
			Check & Gapped PILES, Checked MAG Timing. Cleaned Fuel Screens & F.I. Nozzles. C/W ADJ 2002-26-01 F.I. Lines & Clamps. NEXT DUE @ NEXT NOZZLE SERVICE.		
16715			SpanaFlight, Inc. Meridian E. Bldg. H Puyallup, WA 98373 (253) 848-2020	Date <u>4/15/05</u> Total Aircraft Time <u>42</u> So I certify this engine has been inspected in accordance with a <u>FAA</u> inspection and was determined to be in airworthy condition. Signature <u>[Signature]</u> A & A No. <u>30507</u>	
			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. _____

N1948B



SpanaFlight

16715 MERIDIAN E. BLDG H
PUYALLUP, WA 98375
(253) 848-2020



October 10, 2008 TACH: 332.1 TAT: 2748.1 TSMO: 4.0 TSN: 3803.25

Completed an annual inspection this date. Drained and reserviced oil 8qts A/S 80. Replaced CH48104-1 filter and inspected old, ok. Cleaned, gapped and rotated plugs. Cleaned fuel screens. Checked mag timing, ok. Compression tested the cylinders 1-4 the results are as follows: 74, 76, 75 and 75. C/W AD 2002-26-01 by a visual inspection of the fuel injector lines, ok. I certify that this powerplant has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Signature [Signature] A&P no 60409135 IA

N1948B *Entered in wrong log book
see AIC log for entry*



SpanaFlight

16705 103rd Ave Ct E
PUYALLUP, WA 98374
(253) 848-2020



February 19, 2010 TACH: 332.4 TAT: 2748.4

Completed an annual inspection this date. Wire tied the NLG squat switch wires. Repositioned the flap micro switch wires to clear the A/C's top skin. Reglued a section of the baggage door seal. Replaced the manifold hose under panel with a tube, ops ok. Repaired a broken wire on the throttle gear warning switch. Replaced G35 battery new S/N G02392639. C/W FAR 91.207 by a visual and ops insp, ok. C/W AD76-07-12 by an ops test, ok. C/W AD 87-20-03R2 by a visual, ok. Replaced the Bracket induction air filter element. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Signature [Signature] A&P no 60429225 IA

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		Brought Forward
		Total to Date

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N1948B



SpanaFlight
16705 101st Ave Ct. E.
PUYALLUP, WA 98374
(253) 848-2020



3188
number

September 01, 2011 TACH: 332.6 TAF: 2748.6 TSN: 3803.75 TSMO: 4.5

Completed an annual inspection this date. Drained and reserviced oil 8qts A/S 80. Replaced CF48104-1 filter an internally inspected old, ok.
Cleansed, gapped and rotated plugs. Cleansed fuel injectors and screen C/W AD 2008-14-07 by a visual inspection. Checked mag timing, ok.
Compression tested the cylinders, the results are as follows 1-4 72, 77, 75 and 74. Post run, ok. I certify that this powerplant has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Signature [Handwritten Signature] A&P no 6098439557A



SpanaFlight
16705 101st Ave Ct. E.
PUYALLUP, WA 98374
(253) 848-2020



10-24-2012 N1948B Tach: 332.8 hrs. AFTT: 2748.8 hr Hobbs: 26.7 hrs.
IO360-A1B6D SN: 1-21323-51A TT: 3803.95 hrs. TSO: 4.7 hrs.

Performed an Annual Inspection in accordance with Cessna and Lycoming maintenance manuals. Replaced oil with 8 qts. shell W80 and filter with new. Compression over 80psi: #1-72 #2-74 #3-78 #4-76. Complied with AD2008-14-07 fuel injection lines. This Engine is in compliance with an Annual Inspection, current Federal Aviation regulations is in an airworthy condition and is returned to service.

[Handwritten Signature]
Michael Bateman AP36459021A

			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 Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

ENGINE MODEL:
IO-360-A1B6D
ENGINE S/N: L-21323-51A
REG. NO: N1948B
WORK ORDER:
9292-08-2016



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 9/13/2016
A/C TSN: 2836.3
ENG TT: 3891.45
TACH: 420.3

Engine Entries

Removed four (4) Lycoming fuel nozzles P/N LW18265 (or equivalent) and installed General Aviation Modifications, Inc. GAMjectors kit GS 10-4 S/N 25852 STC SE09445SC PMA No. PQ821SW per GAMjectors Installation Procedure No. IP-98-001 (Rev. B) dated 13 Mar 1998. No weight and balance change.

The aircraft and/or component 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 facility under the above W.O. number.

DATE: 9/13/2016

SIGNED: *Eric Hubbert*

Work Order: 9292-08-2016

Hubbert, Eric
Certified Repair Station No. L9OR473Y

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Page Total		
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		Total to Date

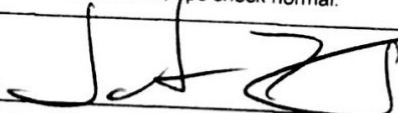
All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

REG. NO. N1948B
WORK ORDER: 1482



Above View Jet Center Inc.
4196 S. Airport Parkway Unit 2A
St. George, UT 84790
Phone: 435-688-8009

DATE: 10/13/2016
A/C TSN:
ENG TT:
TACH: 430.9

Date	Time Engine Entries		License Number
	Hrs	M	
		(1) Removed and cleaned #2 fuel injector, reinstalled. Complied with a 50 hour inspection Per Cessna Maintenance Manual. Replaced oil and filter with a Champion CH 48103-1 filter and 7 qts. of Aeroshell 15W-50 oil. Engine operation checked, no leaks found, ops check normal.	
		<p>DATE: 10/13/2016 SIGNED: </p> <p>Justin Hansen ARP 3891R37 Work Order: 1482</p>	
		<p>AVIATION SERVICES GROUP, LLC. PO Box 910192 St. George, UT 84791 (435)674-1000/Fax: (435)628-9577 Thank you for choosing ASGI</p> <p>DATE: <u>4/7/2017</u> ENG S/N: <u>L-21323-51A</u> REG #: <u>N1948B</u> ENG TT: <u>3943.05</u> MODEL: <u>C177RG</u> ENG TSOH: <u>143.8</u> TACH: <u>471.9</u></p>	
		<p>Inspected and serviced in accordance with Cessna Cardinal's 100 Hour Inspection Guide. Changed oil and filter serviced with Aeroshell 15W50 Oil and CH48103-1 Oil Filter. Checked Compression 1)70/80, 2)76/80, 3)70/80, 4)74/80. Cleaned and Gapped Spark Plugs. Checked timing. C/W AD2011-26-04 by inspection of all fuel injection lines no defects found. I certify that this engine has been inspected in accordance with a 100HOUR INSPECTION and was determined to be in airworthy condition.</p> <p><i>Daniel Adams</i> 3814706 ACP IA</p>	
		<p>Page Total</p> <p>Brought Forward</p> <p>Total to Date</p>	

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

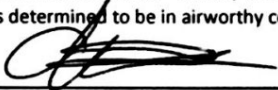
AVIATION SERVICES GROUP, LLC.
 PO Box 910192 St. George, UT 84791
 (435)674-1000/Fax: (435)628-9577
Thank you for choosing ASGI

DATE: 9/28/2017
 REG #: N1948B
 MODEL: C177RG
 TACH: 524.9

ENG S/N: L-21323-51A
 ENG TT: 3996.05
 ENG TSOH: 201.8

Date

Inspected and serviced in accordance with Cessna Cardinal's 50 Hour Inspection Guide. Changed oil and filter serviced with Aeroshell 15W50 Oil and CH48103-1 Oil Filter. C/W AD2011-26-04 by inspection of all fuel injection lines no defects found. I certify that this engine has been inspected in accordance with a 50HOUR INSPECTION and was determined to be in airworthy condition.



Cris Atkin 3394554 A&P

Signature

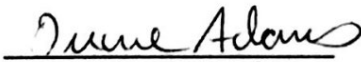
License Number

AVIATION SERVICES GROUP, LLC.
 PO Box 910192 St. George, UT 84791
 (435)674-1000/Fax: (435)628-9577
Thank you for choosing ASGI

DATE: 8/12/2018
 REG #: N1948B
 MODEL: C177RG
 TACH: 590.5

ENG S/N: L-21323-51A
 ENG TT: 4061.65
 ENG TSOH: 262.4

Inspected and serviced in accordance with Cessna Cardinal's 100 Hour Inspection Guide. Changed oil and filter serviced with Aeroshell 15W50 Oil and CH48103-1 Oil Filter. Checked Compression 1)60/80, 2)70/80, 3)69/80, 4)66/80. Cleaned and Gapped Spark Plugs. Removed Vacuum Pump and installed cover plate. Installed probes and sensors for Electronic International CGR 30 Combo Engine Instruments. Checked timing. C/W AD2011-26-04 by inspection of all fuel injection lines no defects found. I certify that this engine has been inspected in accordance with a 100HOUR INSPECTION and was determined to be in airworthy condition.



Duane Adams 3814706 A&P IA

Signature of a

wo: 15092

Engine - page 1 of 1



Aviation Services Group, LLC · 4196 S Airport Pkwy #52G · St. George, Utah 84790 · (435)674-1000

Date

Engine
Number

N1948B

Lycoming, IO-360-A1B6D, S/N: L-21323-51A

October 26, 2018

Tach: 620.0

TTSN: 4091.15

SMOH: 296.9

Changed oil and oil filter in accordance with Cessna 50 hour inspection. Test ran and checked for leaks.
Aircraft approved for return to service

Brandon Sandstrom A&P 4010810

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

wo: 15244

Engine - page 1 of 2

Date



Aviation Services Group, LLC · 4196 S Airport Pkwy #52G · St. George, Utah 84790 · (435)674-1000

ense
nber

N1948B
Tach: 129.2

Lycoming, IO-360-A1B6D, S/N: L-21323-51A
TTSN: 3600.35

November 1, 2019

SMOH: -193.9

1. Compression checks: 1. 70/80, 2. 70/80, 3. 75/80, 4. 71/80.
2. Cleaned, gapped and rotated spark plugs.
3. Changed oil and filter. Serviced engine with Aeroshell 15W50 (8 qts) and CH48103-1 filter.
4. Engine run up and leak check.
5. Inspect engine per Cessna 177RG Maintenance manuals 100 hour guide.
6. Inspected fuel lines per AD2011-26-04 no defects found.
7. Adjusted magneto timing to 25 degrees BTC.
8. Removed #2 cylinder fuel injector, ultrasonic cleaned and, Re-installed.
9. Replace oil filter converter gasket. Torqued converter adapter stud to 60 ft lbs. Reinstalled oil filter torqued to 16 ft lbs and safetied.
10. Engine run up and leak check.

Total to Date

wo: 15244

Engine - page 2 of 2



Aviation Services Group, LLC - 4196 S Airport Pkwy #52G - St. George, Utah 84790 - (435)674-1000

License
Number

I certify that this engine has been inspected in accordance with a 100 HOUR INSPECTION and was found to be in an airworthy condition.

Date: Adams IA 2814706 *Deanne Adams*

wo: 15315

Engine - page 1 of 1



Aviation Services Group, LLC - 4196 S Airport Pkwy #52G - St. George, Utah 84790 - (435)674-1000

N1948B

Tach: 161.3

Lycoming, IO-360-A1B6D, S/N: L-21323-51A

TTSN: 3632.45

SMOH: -161.8

February 11, 2020

1. Remove cowling and drain oil and remove filter.
2. Added 6 Quarts Aeroshell 15 W 50 oil and 1 Champion CH48103-1 filter, run up and leak check and reinstall cowling.


With respect to the work performed, this engine is approved for return to service.

Chris Black A&P 528848286 *Chris Black*

Signature of a
Mechanic and
1.

ENGINE LOG

Serial No. _____

Date	Time		inse nber				
		<div style="display: flex; justify-content: space-between;"> wo: 15489 Engine - page 1 of 1 </div> <div style="text-align: center; margin: 10px 0;">  <p>Aviation Services Group, LLC · 4196 S Airport Pkwy #52G · St. George, Utah 84790 · (435)674-1000</p> </div>					
		<table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">N1948B tach: 238.4</td> <td style="width: 45%; text-align: center;">Lycoming, IO-360-A1B6D, S/N: L-21323-51A TTSN: 4300.05 SMOH: 500.8</td> <td style="width: 30%; text-align: right;">AT October 25, 2020 NOVember</td> </tr> </table> <ol style="list-style-type: none"> 1. Inspect and service per Cessna C177RG Maintenance Manual's 100 Inspection Guide. 2. Clean, gap, and test spark plugs. 3. Drained oil and changed oil filter Installed (1) CH48103-1 - Oil Filter - Spin-On, Installed (8) Qt. Aeroshell 15W50. 4. Checked compression #1 70/80 #2 70/80 #3 72/80 #4 71/80. <p>I certify that this engine has been inspected in accordance with a 100 HOUR INSPECTION and was determined to be in airworthy condition</p> <p>Duane Adams IA 3814706 <i>Duane Adams</i></p>	N1948B tach: 238.4	Lycoming, IO-360-A1B6D, S/N: L-21323-51A TTSN: 4300.05 SMOH: 500.8	AT October 25, 2020 NOVember		
N1948B tach: 238.4	Lycoming, IO-360-A1B6D, S/N: L-21323-51A TTSN: 4300.05 SMOH: 500.8	AT October 25, 2020 NOVember					
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Brought Forward</td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: center;">Total to Date</td> <td style="text-align: center;"> Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. </td> </tr> </table>	Brought Forward		Total to Date	Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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Total to Date	Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.						

wo: 15568

Engine - page 1 of 1



Aviation Services Group, LLC - 4196 S Airport Pkwy #52G - St. George, Utah 84790 - (435)674-1000

No. _____

Signature

License Number

N1948B
tach: 238.4

Lycoming, IO-360-A1B6D, S/N: L-21323-51A
TTSN: 4300.05 SMOH: 500.8

March 10, 2021

1. Remove starter and install new starter Installed (1) 149-NL - Sky-Tec Starter, S/N: H-U111014, Installed (1) MS25171-3S - Electrical Terminal Nipple - 0.56"x0.43".
2. Change oil and filter Installed (8) Aeroshell 15W50 oil, Installed (1) CH48103-1 - Oil Filter - Spin-On.

With respect to the work performed, this engine is approved for return to service.

Duane Adams IA 3814706 *Duane Adams*

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	Signature	License Number
	<p>Date: 11/29/2021 Hours: AC: TT: 301.2 EngTT: PropTT: Hobbs: Misc: Tail#: N1948B Make: Cessna Model: 177RG S/N: 177RG0564 Run up aircraft. Drained oil and replaced with Phillips 20-50XC. Removed filter and cut open to check for metal particles. None found. Replaced oil filter. Run up and leak checked. Re-installed cowling and parked aircraft in customer hangar.</p> <p>Name: LaDell Bistine Sr. Co: Westwing Aviation</p>		
		<p>Cert: AP32734811A Sign: <i>LaDell Bistine Sr.</i></p>	<p>Endorsement of a Rating and hown.</p>

ENGINE LOG

Serial No. _____

Date: 12/16/2021	Hours: Tach: 301.3; EngTT: 4363 SMOH: 563. 7023	Tail: 1948B	License Number
Make: Cessna	Model: 177RG	S/N: 177RG-0564	
Name: LaDell Bistline Sr.		Cert: AP32734811A	
Co: Westwing Aviation		Signed: <i>LaDell Bistline Sr.</i>	

Lycoming Engine IO-360-A1B6D, SN L-21323-51A.
 Annual inspection performed this date. Fuel screens cleaned. Spark plugs cleaned, regapped, and tested.
 Compression: #1-73, #2, 78, #3-75, #4-77.

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