

PREMIER AIRCRAFT

ENGINE MAINTENANCE RECORDS

Engine Manufacturer: Lycoming

Model: O-360-A3AFA2A

Serial No: L-4156-SIAC

Recommended TBO: 2000 Hours 12 Years

Aircraft Registration No: _____

Date Installed on Aircraft: _____

If used on multi-engine aircraft: Left Right Front Rear

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, Oregon 97060
Phone: (503) 661-4184 Fax: (503) 667-4052

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-461-4184
 Lycoming
 Model Number O-360-A3ACA2A
 Serial Number L-4156-51AC

Date 04/13/2005
 WO Number 09162

This engine was overhauled in accordance with Lycoming Manual 60294-7 and Table of Limits SSP 1776. Installed new Lycoming cylinder assemblies. See following list of parts installed. Engine was run on a test stand. Installed a B & C Starter - See Form 337.
 Total Time 3987.8
 TSMO 0.0

Accessories	Description	Model Number	Part Number	Serial Number	Condition
	Left magneto		4373	04090267	0.0 hours since new.
	Right magneto		4370	04090413	0.0 hours since new.
	Carburetor	MA-4-5	10-3878	PAC724908	0.0 hours since factory rebuilt.
	Starter		BC315-100-1	03053193	0.0 hours since new.

Service Information	Subject	Compliance
SI1267C	Piston pin plugs	Installed new 72198 aluminum bronze piston pin plugs.
SI1341	Oil feed hole	The required hole is there.
SB240R	Replacement parts	Parts were replaced in accordance with Lycoming's recommendations.
SB439A	Connecting rods	Installed new connecting rods.
SB475C	Crank & gear	Installed a new crankshaft with a new dowel pin. Installed a new gear with a new bolt. Torqued bolt to 204 inch pounds and saftied.
SB501B	Piston pins	N/A by piston pin part number.
SB505B	Crankshaft corrosion	Installed a new crankshaft.
SB524	Oil pump gears	Installed a new SL18109A-S oil pump gear kit.
SB527C	Piston pins	N/A by piston pin part number.
SB530A	Painting the crank ID	The ID was painted with Urethabond 104.

Airworthiness Directives

Carburetor	AD Note	Amend #	Dated	R	Subject	Compliance
	63-22-03	036	12/02/1963	N	Two-piece venturi	A factory rebuilt carburetor with a one-piece venturi was installed. N/A by carburetor serial number.
	69-24-03	39-881	11/29/1969	N	Metering passages	N/A. Serrated style installed.
	72-06-05	39-5338	07/03/1986	N	Throttle arm	A factory rebuilt carburetor was installed.
	89-04-02	39-6109	03/08/1989	N	Throttle jamming	
Engine	59-10-07		07/01/1969	N	Cylinder baffle clamps	The new style cylinder baffle clamps were previously installed.
	66-20-04	39-277	08/27/1966	N	Oil filter adapter gasket	N/A by engine serial number.
	73-23-01	39-2804	01/13/1977	N	Piston pin	N/A by piston pin part number.
	75-08-09	39-3013	08/18/1977	N	Oil pump drive	Installed a new drive.
	87-10-06	39-6293	09/01/1989	N	Rocker arms	N/A by rocker arm part numbers.
	92-12-05	39-3265	07/10/1992	N	Piston pin	N/A by piston pin part number.
	95-07-01	39-9183	04/12/1995	N	Connecting rod bolts	N/A by rod bolt part number.
	95-26-02	39-9460	01/24/1996	N	Detonation	N/A by aircraft registration number.
	96-09-10	39-6586	07/15/1996	N	Oil pump gears	Installed a new gear kit part number SL18109A-S.
	97-15-11	39-10085	08/12/1997	N	Piston pins	N/A by piston pin part number.
	98-02-08	39-10291	03/30/1998	Y	Crankshaft corrosion	Installed a new ECi shaft that has a ID painted with Urethabond 104 paint.
	98-17-11	39-10713	10/19/1998	N	Nelson crankshafts	AD Note requires no further inspection. N/A. Nelson did not repair this crankshaft.
	2004-10-14	39-13644	06/25/2004	Y	Crank & gear	Installed a new crankshaft with a new dowel pin. Installed a new gear with a new bolt. Torqued bolt to 204 inch pounds and saftied. Work was done in accordance with SB 475C.

Inspection is required at every engine overhaul, after a propstrike, sudden stoppage or whenever gear train repair is required.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 09162.

Date: 04/13/2005 Signed

James A. Gardin

Inspector for Premier Aircraft RS JZYR537L

Premier Aircraft

1000 NW Perimeter Way, Troutdale, OR 97060-9524
 Phone: (503) 661-4184 Fax: (503) 667-4052 Repair Station: JZYR537L

List of Parts Installed for Work Order No.: 09162

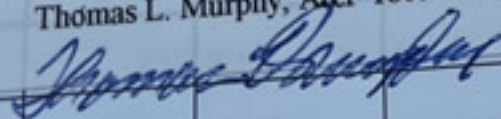
Qty	Part Number	Description	Qty	Part Number	Description
1.0	03D23350	Cover	4.0	74636-OH	Overhauled Rocker Arm
1.0	05K21104	Cylinder Kit S/N: 044738	1.0	74996-USED	Used Idler Gear
1.0	05K21104	Cylinder Kit S/N: 044743	8.0	75061	Rod Bolt
1.0	05K21104	Cylinder Kit S/N: 044738	1.0	75736	Dipstick Tube
1.0	05K21104	Cylinder Kit S/N: 045034	1.0	76097-OH	Overhauled Camshaft S/N: S138060-1
1.0	10-3878	Carburetor S/N: PAC724906	1.0	76121-USED	Used Tach Shaft
8.0	10028S	Clamp	1.0	77608	Adjustable Oil Pressure Relief
1.0	1028B	Oil Pressure Ball	1.0	78531	Oil Pump Housing
1.0	13S19646	Crankshaft Gear	4.0	AEL11750	Connecting Rod
8.0	15B21319	Pushrod Socket	1.0	AEL36002-2	Crankshaft Assembly S/N: 15591-1
2.0	18A19441	Front Main Bearing	1.0	BC315-100-1	Starter S/N: 03053193
4.0	18D19394	Main Bearing	8.0	LW11485	Pushrod Tube
8.0	18M19389	Rod Bearing	8.0	LW12892	Teflon Thrust Button
1.0	4370	Magneto S/N: 04090413	4.0	LW13790	Rocker Shaft
1.0	4373	Magneto S/N: 04090257	1.0	LW13926-USED	Used Magneto Spacer
1.0	61665-USED	Used Magneto Drive Gear	8.0	LW15592-5-05	Clamp
1.0	68663	Oil Pressure Spring	1.0	LW16783-18	Gauge Assembly
1.0	68749-USED	Used Idler Shaft	3.0	LW31H0.88	Bolt
1.0	68759	Oil Drain Tube	2.0	LW38-0.75	Bolt
1.0	68760	Oil Drain Tube	1.0	M4004	Harness
2.0	68761	Oil Drain Tube	1.0	SL18109A-S	Impeller Kit
1.0	69106	Cover	1.0	SL61174A	Oil Pump Drive
4.0	69444-OH	Overhauled Rocker Arm	2.0	SL71646	Lock Plate
4.0	69603	Intake Hose	8.0	STD1410	Nut
1.0	70484	Pickup Screen	3.0	STD1420	Nut
2.0	71610	Baffle Hook	4.0	STD1821	Hose
2.0	72152	Baffle Assembly	4.0	STD1901	Stud
8.0	72877	Lifter Body	1.0	STD2168	Nut
			1.0	STD2246	Crankshaft Bolt
			3.0	STD2249	Nut
			8.0	UREM38E	Spark Plug

06/28/05 TACH 560.9 TOTAL TIME 3987.8 TSMOH 00.00

N7243V

Installed this engine per STC SA553AL in Piper PA-12, N7243V. In conjunction with this installation, a B&C oil filter adapter, B&C starter, and Motorola 32.5 amp alternator were installed per various STCs. (See 337 forms this date for additional details) Engine serviced with Aeroshell 80 mineral oil for break in. Ran engine, checked for leaks. I certify that this engine has been inspected in accordance with an Annual Inspection per Appendix D, FAR Part 43 and was determined to be in airworthy condition.

Thomas L. Murphy, A&P 1809706IA



Description of work performed including the signature and certificate number of the person/facility performing the work.

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time
------	-----------------------	---------------------------	--------------------------

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184

Date 07/27/2005
WO Number 09512

Manufacturer Lycoming
Model Number O-360-A3ACA2A
Serial Number L-4156-51AC

Tach Time 585.8

The following work was performed as requested by the owner/operator: Changed oil and filter. Inspected filter - no contamination noted. Serviced with AeroShell 100 Mineral oil. Removed the propeller to change the crankshaft seal. Installed a new seal. Reinstalled the propeller, torqued and safetied. Ran engine and checked for leaks - none noted. No other work, inspection or determination of airworthiness was accomplished at this time.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 09512.

Date: 07/27/2005 Signed James L. Jordan Inspector for Premier Aircraft RS JZYR537L

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184

Date 01/25/2006
WO Number 09638

Manufacturer Lycoming
Model Number O-360-A3ACA2A
Serial Number L-4156-51AC

Total Time 4066.0

TSMO 78.2

Tach Time 639.1

Disassembled the engine. The case was repaired. The crankshaft and connecting rods were replaced. The oil cooler was overhauled. See following list of parts installed. Engine was assembled in accordance with Lycoming Manual 60294-7 and Table of Limits SSP 1776. Serviced with AeroShell W100.

Airworthiness Directives

Engine AD Note	Amend #	Dated	B	Subject
98-02-08	39-10291	03/30/1998	Y	Crankshaft corrosion
98-17-11	39-10713	10/19/1998	N	Nelson crankshafts
2004-10-14	39-13644	06/25/2004	N	Crank & gear
2005-19-11	39-14276	10/21/2005	N	Crankshaft failure

Compliance

Installed a new ECI shaft that has a ID painted with Urethabond 104 paint.

AD Note requires no further inspection.

N/A. Nelson did not repair this crankshaft.

Installed a new crankshaft and dowel pin. Inspected the gear and installed it with a new bolt. Torqued bolt to 204 inch pounds and safetied. Work was done in accordance with SB 475C.

N/A by engine model number.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 09638.

Date: 01/25/2006 Signed James L. Jordan Inspector for Premier Aircraft RS JZYR537L

Premier Aircraft

1000 NW Perimeter Way, Troutdale, OR 97060-9524
 Phone: (503) 661-4184 Fax: (503) 667-4052 Repair Station: JZYR537L

List of Parts Installed for Work Order No.: 09638

Qty	Part Number	Description	Qty	Part Number	Description
4.0	AEL11021	Main Bearing	8.0	AEL13521	Bearing
1.0	AEL11750	Connecting Rod S/N: 80/07	2.0	AEL13884	Main Bearing
1.0	AEL11750	Connecting Rod S/N: 80/33	1.0	AEL32360	Gasket Set
1.0	AEL11750	Connecting Rod S/N: 80/49	1.0	AEL36002-2	Crankshaft Assembly S/N: 31010-1
1.0	AEL11750	Connecting Rod S/N: 80/53	4.0	AEL77611	Exhaust Gasket
			1.0	AELSTD2213	Bolt
			4.0	MS24665-153	Cotter Pin
			4.0	MS24665-302	Cotter Pin

6/28/06 Tech 671 CK Comp 76-74-76-78 Clear Phys
 CK Tanny CK 15x System CK Hoses + 1 Butt Pk CK Engine
 Controls for Operate + Security CK Note - Nut + HT Nuts
 Change Oil + Filter - Cut Filter - Replace Air Filter -
 Test Run + Flown OK

6/28/06
 I certify that this aircraft has been inspected in accordance with a Partial inspection and was determined to be in airworthy condition. Applicable A. D. 5170H 110
 Notes through 06-12 complied with Total 4098
 Total time (or tach reading) 671
 Signed [Signature] A & P 545696351A

6/25/07 761 CK Comp 68-79-78-70 Clear Phys CK Tanny Change Oil
 + Filter - CK Fuel + Oil Services Change Air Filter - CK
 15x System + HT Nuts CK Note - Nut CK Hoses
 + 1 Butt Pk CK Engine Controls for Operate + Security
 Rph #3 Reserve Lower Rph #1 Under Cover Bracket
 Test Run OK

6/25/07
 I certify that this aircraft has been inspected in accordance with a Partial inspection and was determined to be in airworthy condition. Applicable A. D.
 Notes through 07-10 complied with
 Total time (or tach reading) 761
 Signed [Signature] A & P 545696351A

Tech 761
 5170H 200
 Total 3988

Premier Aircraft

1000 NW Perimeter Way, Troutdale, OR 97060-9524
 Phone: (503) 661-4184 Fax: (503) 667-4052 Repair Station: JZYR537L

List of Parts Installed for Work Order No.: 09638

Qty	Part Number	Description	Qty	Part Number	Description
4.0	AEL11021	Main Bearing	8.0	AEL13521	Bearing
1.0	AEL11750	Connecting Rod S/N: 80/07	2.0	AEL13884	Main Bearing
1.0	AEL11750	Connecting Rod S/N: 80/33	1.0	AEL32360	Gasket Set
1.0	AEL11750	Connecting Rod S/N: 80/49	1.0	AEL36002-2	Crankshaft Assembly S/N: 31010-1
1.0	AEL11750	Connecting Rod S/N: 80/53	4.0	AEL77611	Exhaust Gasket
			1.0	AELSTD2213	Bolt
			4.0	MS24665-153	Cotter Pin
			4.0	MS24665-302	Cotter Pin

6/28/06 Tach 671 Ck Comp 76-74-76-78 Ckr Phys
 Ck Tanny Ck 15x Systr Ck Hoses + 1 Butt Pk Ck Engine
 Controls fu Operate + Security Ck Note Mount + HT Mats
 Change Oil + Filter Cont Filter Replace Air Filter
 Test Run + Flown OK

6/28/06

I certify that this aircraft has been inspected in accordance with a Ann 1 inspection and was determined to be in airworthy condition. Applicable A. D. 5170H 110
 Notes through 06-12 complied with Total 4098
 Total time (or tach reading) 671
 Signed [Signature] A & P 5415696351A

6/25/07 761 Ck Comp 68-79-78-70 Ckr Phys Ck Tanny Change Oil
 + Filter Ck Fuel + Oil Services Change Air Filter Ck
 Tire System + HT Mats Ck Note Mount Ck Hoses
 + 1 Butt Pk Ck Engine Controls fu Operate + Security
 Rph #3 Review Lower Rph #1 Valve Cover Bracket
 Test Run OK 6/25/07

I certify that this aircraft has been inspected in accordance with a Ann 1 inspection and was determined to be in airworthy condition. Applicable A. D.
 Notes through 07-10 complied with
 Total time (or tach reading) 761
 Signed [Signature] A & P 5415696351A

Tach 761
 5170H 200
 Total 3988

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184
 Manufacturer Lycoming
 Model Number O-360-A3ACA2A
 Serial Number L-4156-S1AC
 Total Time 4225.5
 TSMO 237.7

This engine was disassembled and inspected due to a propeller strike. Installed a new Lycoming crankshaft, S/N V537953034. Assembled. Work was done in accordance with Lycoming Manual 60297-4 Revision 12 dated July 2008 and Table of Limits SSP 1776. See following list of parts installed. Inspected magnetos - no defects noted. Installed new carbon brushes, point and capacitor kits. No work was done to and no inspection was made of any other accessory. No work was done to and no inspection was made of the cylinders. Test ran.

Service Information
 Section Subject
 SB02-88 Point wear
 SB03-88 Carbon brush

Compliance
 N/A by contact point manufacture date.
 N/A by carbon brush manufacturer.

Airworthiness Directives
 Engine Amend # Dated R Subject
 AD Note 39-10291 03/30/1998 Y Crankshaft corrosion

Compliance
 Installed a new Lycoming crankshaft marked PID.
AD Note requires no further inspection per paragraph (f).

2004-10-14 39-13644 06/25/2004 Y Crank & gear

Complied with in accordance with paragraphs (e)(f)(g)(h)&(i). Installed a new Lycoming crankshaft. Inspected the gear and installed it with a new bolt. Torqued bolt to 204 inch pounds and safted. Work was done in accordance with SB 475C.
Compliance with this AD is required before further flight if the engine experiences a propeller strike after the effective date of this AD, as defined in paragraphs (j) and (k) of this AD.

2005-19-11 39-14276 10/21/2005 N Crankshaft failure

Inspected in accordance with paragraphs (c) & (h) - (i). Not applicable by crankshaft serial number.

2006-06-16 39-14525 04/27/2006 N Crankshaft failure

Inspected in accordance with paragraph (c) & (e) - (k). Not applicable by engine model number.

2006-10-21 39-14605 06/22/2006 N ECI connecting rods

Inspected in accordance with paragraphs (c) & (g). Not applicable by connecting rod serial numbers.

2006-12-07 39-14632 07/11/2006 N ECI cylinders

Inspected in accordance with paragraph (c) & (g). Not applicable by cylinder manufacturer.

2007-04-19 39-15005 05/07/2007 N Superior cylinders


Inspected in accordance with paragraph (c) & (f). Not applicable by cylinder manufacturer.

2009-26-12 39-16151 02/04/2010 Y ECI Cylinders

Inspected in accordance with paragraph (g). Not applicable by cylinder manufacturer.

No further action is required by this AD.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 10803.

Date: 12/08/2009 Signed  Inspector for Premier Aircraft RS JZYR537L.

List of Parts Installed for Work Order No.: 10803

Qty	Part Number	Description	Qty	Part Number	Description
1.0	05K22806	Crankshaft Kit	3.0	LW31H0.88	Bolt
		05K22806 Crankshaft, S/N:	2.0	M2556-10	Cotter Pin
1.0	15F19957-36	Pushrod	2.0	M3081	Point Kit
8.0	18M19389	Rod Bearing	8.0	M674	Spark Plug Washer
8.0	75061	Rod Bolt	2.0	MS21044N06	Nut
2.0	AEL71646	Lock Plate	4.0	MS35489-8	Grommet
2.0	AM3215	Carbon Brush	1.0	STD1211	Crankshaft Plug
2.0	AN526-6R10	Screw	8.0	STD1410	Nut
2.0	K3984	Capacitor Kit	1.0	STD2168	Nut
8.0	LW12186	Rod Nut	3.0	STD2249	Nut
2.0	LW16266-10-13	Clamp			

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
------	-----------------------	---------------------------	--------------------------	--

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184
 Manufacturer Lycoming
 Model Number O-360-A3ACA2A
 Serial Number L-4156-51AC
 Airworthiness Directives

Date 12/30/2013
 WO Number 10803

Total Time 4225.5
 TSMO 237.7

Carburetor
 AD Note Amend # Dated
 2012-03-07 39-16948 03/27/2012

B Subject
 N Defective carb body

Compliance
 Inspected in accordance with paragraph (c). Not applicable by carburetor model number.

Engine
 2012-19-01 39-17196 10/24/2012

N Crankshaft failure

Inspected in accordance with paragraphs (c), (f) & (g). Not applicable by crankshaft serial number.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 10803.

Date: 12/30/2013 Signed James DeFuria Inspector for Premier Aircraft RS JZYR537L.

Date: 1/02/2014; Aircraft: N7243V
 Tach: 798.6 - Installed engine as per STC's SA553AL and SA610AL. Exhaust system repaired by Charlie Center. Baffles repaired as necessary. Installed new throttle, mixture, and carb heat controls. Installed new engine isolator mounts. Test run and flight ok.
 William N. Gough
 AP541569635

Date: 4/24/2014; Aircraft: N7243V
 Tach: 810.9 - Drained engine oil, removed filter. Installed new filter pn AA48108-2 and safety wired. Refilled sump with 8 q of Aeroshell 100M oil. Ground ran and no leaks noted.
 William N. Gough
 AP541569635

1/2/14
 certify that this aircraft has been inspected in accordance with the inspection and was determined to be in airworthy condition. Applicable A. I. items through 1-14 complied with
 798.6
 A & P # 501569635

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
------	-----------------------	---------------------------	--------------------------	--

Date: 7/17/2014; Aircraft: N7243V
 Tach: 844.0 - Drained engine oil, removed filter. Installed new filter pn CH48108-1 and safety wired. Refilled sump with 8 qts. of Aeroshell W100 oil. Ground ran and no leaks noted.
 William N. Gough
 AP541569635

Date: 10/09/2014; Aircraft: N7243V
 Tach: 883.6 - Drained engine oil, removed filter. Installed new filter pn CH48108-1 and safety wired. Refilled sump with 8 qts. of Aeroshell 15w50 oil. Ground ran and no leaks noted.
 William N. Gough
 AP541569635

Date: 1/20/2015; Aircraft: N7243V
 Tach: 887.5, TSMOH: 326.6, EngTT: 4314.4 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1-74, #2-76, #3-74, #4-76/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing and adjusted LH mag to 25° BTDC. Drained oil and removed filter. Cut and checked ok. Installed new CH48108-1 oil filter and serviced with 8 qts. of Aeroshell W100 oil. Replaced air intake filter pn BA8005. Replaced primer line clamp pn LW18959-175-25. Checked exhaust system and heat muff. Leak tests OK. Checked engine controls for operation and security. All check OK. Test run OK.
 William N. Gough
 AP541569635 IA

1/20/15
 certify that this aircraft has been inspected in accordance with a Am I inspection and was determined to be in airworthy condition. Applicable A. 2 notes through 1-15-15 complied with total time (or tach reading) 887.5
 signed [Signature] A & P # 521504350

Date	Total Time In <small>Section</small>	Time Since Major <small>Overhaul</small>	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
Date: 2/09/2016; Aircraft: N7243V Tach: 950.6, TSMOH: 389.7, Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1-75, #2-78, #3-77, #4-78/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Reconnected RH P-lead. Drained oil, took sample and removed filter. Cut and checked ok. Installed new CH48108-1 oil filter and serviced with 8 qts. of Aeroshell 15w50 oil. Replaced air intake filter pn BA8005. Checked exhaust system and heat mufflers. Leak tests OK. Checked engine controls for operation and security. All check OK. Test run and flight OK. William N. Gough AP541569635 IA				<p style="text-align: center;">Date: <u>2-9-16</u></p> <p style="text-align: center;">I certify that this aircraft has been inspected in accordance with a <u>Ann 1</u> inspection and was determined to be in airworthy condition. Applicable AD notes through <u>1-29-18</u> complied with.</p> <p>Total time (or Tach reading): <u>950.6</u></p> <p>Signed <u>[Signature]</u> A&P# <u>5V1569635A</u></p>

Date: 3/10/2017; Aircraft: N7243V Tach: 991.5, TSMOH: 430.6, EngTT: 4418.4 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1-76, #2-78, #3-67r, #4-79/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Repaired alternator bracket and replaced belt. Drained oil, took sample and removed filter. Cut and checked ok. Installed new CH48108-1 oil filter and serviced with 8 qts. of Aeroshell 15w50 oil. Replaced air intake filter pn BA8005. Replaced #1 cyl. rocker cover gasket. Replaced #4 cyl. exhaust gasket. Replaced #2, #3 cyl. intake gaskets. CW AD68-05-01 - 3/5/1969 - Inspection of muffler and shroud assembly IAW AD instructions. Next due by tach: 1091.5. Checked engine controls for operation and security. Test run OK. William N. Gough AP541569635 IA				<p style="text-align: center;">Date: <u>3/10/17</u></p> <p style="text-align: center;">I certify that this aircraft has been inspected in accordance with a <u>Ann 1</u> inspection and was determined to be in airworthy condition. Applicable AD notes through <u>3-8-17</u> complied with.</p> <p>Total time (or Tach reading): <u>991.5</u></p> <p>Signed <u>[Signature]</u> A&P# <u>5V1569635A</u></p>
---	--	--	--	--

Date: 3/30/2018; Aircraft: N7243V Tach: 1013.7, TSMOH: 452.8 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1-75/80, #2-73/80, #3-78/80, #4-77/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Drained oil and removed filter. Cut and checked ok. Installed new CH48108-1 oil filter and serviced with 8 qts. of Aeroshell 15w50 oil. Replaced air intake filter pn BA8005. Checked engine controls for operation and security. Test run OK. William N. Gough AP541569635 IA				<p style="text-align: center;">Date: <u>3-30-18</u></p> <p style="text-align: center;">I certify that this aircraft has been inspected in accordance with a <u>Ann 1</u> inspection and was determined to be in airworthy condition. Applicable AD notes through <u>2-17-18</u> complied with.</p> <p>Total time (or Tach reading): <u>1013.7</u></p> <p>Signed <u>[Signature]</u> A&P# <u>5V1569635A</u></p>
---	--	--	--	--

Date	Total Time In	Time Since Major	Tach or Hobbs Meter	Description of work performed including the signature and certificate number of the person/facility performing the work.
------	---------------	------------------	---------------------	--

Date: 4/12/2019; Aircraft: N7243V

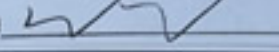
Tach: 1053.5, TSMOH: 492.6 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1 72/80, #2 76/80, #3 74/80, #4 76/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Drained oil and removed filter. Cut and checked ok. Installed new CH48108-1 oil filter and serviced with 8 qts. of Aeroshell 15W-50 oil. Replaced air intake filter pn BA8005. Installed new rocker gaskets on #3 & #4 cylinders p/n 75906. Installed new intake gasket on #4 cyl p/n SL71973. Checked exhaust system and heat mufflers. Installed new lock washers on exhaust stacks. Leak tests OK. Checked engine controls for operation and security. All check OK. Test run and flight OK.

William N. Gough
AP541569635 IA

Date: 4-12-19

I certify that this aircraft has been inspected in accordance with a Am1 inspection and was determined to be in airworthy condition. Applicable AD notes through 4-9-19 complied with.

Total time (or Tach reading): 1053.9

Signed  A&PH 541569635 IA

Date: 4/22/2020; Aircraft: N7243V

Tach: 1074.6, TSMOH: 513.7, EngTT: 4501.5 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1 70/80, #2 78/80, #3 75/80, #4 78/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Drained oil and removed filter. Cut and checked ok. Installed new CH48108-1 oil filter and serviced with 8 qts. of Aeroshell 15W-50 oil. Replaced air intake filter pn BA8005. Checked exhaust system and heat mufflers. Leak tests OK. Checked engine controls for operation and security. All check OK. Test run OK.

William N. Gough
AP541569635 IA

Date: 4-22-20

I certify that this aircraft has been inspected in accordance with a Am1 inspection and was determined to be in airworthy condition. Applicable AD notes through 4-9-20 complied with.

Total time (or Tach reading): 1074.6

Signed  A&PH 541569635 IA

Date: 4/22/2021; Aircraft: N7243V

Tach: 1082.7, TSMOH: 521.8, EngTT: 4509.6 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions #1-72/80, #2-74/80, #3-74/80, #4-76/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Drained oil, took sample and removed filter. Cut and checked ok. Installed new CH48108-1 oil filter and serviced with 8 qts. of Aeroshell 15W-50 oil. Replaced air intake filter pn BA8005. Pressure checked exhaust system and heat mufflers. Leak tests OK. Checked engine controls for operation and security. All check OK. Replaced oil filler housing gasket, pn 72059. Test run and flight OK.

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

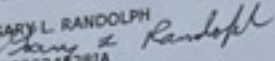
Aero Maintenance, Inc.
Shop Order 21-0550
Jason Cochran
AP3316647 IA

Description of work performed including the signature and certificate number of the person/facility performing the work.

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time
------	-----------------------	---------------------------	--------------------------

RANDOLPH AIR SERVICE
 7-12-2022 TACH 1107.5 TSMOH 546.6 TOTAL ENG TIME 4534.4
 CHECKED COMPRESSION 1-75/80 2-68/80 3-70/80 4-70/80. CLEANED AND GAPPED SPARK PLUGS. REINSTALLED WITH NEW GASKETS AND ROTATED PLUGS. CHECKED MAG TIMING. PRESSURE TESTED EXHAUST SYSTEM AND CHECKED INDUCTION SYSTEM. REPLACED AIR FILTER ELEMENT. CHECKED ENGINE CONTROLS AND LUBRICATED. CHANGED OIL AND OIL FILTER. CHECKED FILTER AND NO DEFECTS NOTED. RE-SERVICED WIT SHELL 15W50 OIL. CHECKED ENGINE MOUNT. INSPECTION DONE I/A/W FAR 43 APPENDIX D

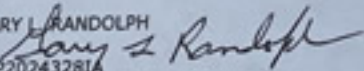
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE TO AN ANNUAL AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

GARY L. RANDOLPH

 A&P20245281A

RANDOLPH AIR SERVICE
 7-25-2023 TACK 1107.7 ENGINE TOTAL4534.6 TSMOH 546.8

CHECKED COMPRESSION 1-70/80 2-68/80 3-74/80 4-72/80. INSPECTED SPARK PLUGS. CHECKED ENGINE CONTROLS AND LUBRICATED. REPLACED INDUCTION FILTER ELEMENT C/W AD 48-01-02 BY INSPECTIN COWL SUPPORT AND DUE EACH ANNUAL.

INSPECTION DONE IN ACCORDANCE TO AN ANNUAL AND WAS DTERMINED TO BE IN AN AIRWORTHY CONDITION

GARY L. RANDOLPH

 A&P20243281A