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DA

Maintenance Log
3-28-2024 N33WA Log: Engine Tach: 2149.14 TT: 2149.14 smoh: 311.14
-Compression #1 74 #2 66 #3 73 #4 72/80 cold, bore scoped cylinders with no discrepancies noted.
-Oil changed and filter checked for metal, serviced with 7 quarts of Phillips 20w-50 XC and new filter P/N: AA48110-2.
-Checked timing. Removed, cleaned, tested, and gapped spark plugs. Reinstalled using new gaskets and torqued.
-Re torqued valve cover gaskets.
-A.D.# 04-10-14 C1 N/A no prop strike noted next due: prop strike
-A.D.# 22-16-03 S-1200 series magnetos roller bearings NA by model installed

I certify this aircraft was inspected in accordance with an annual inspection and completed at this date. Inspected Engine in accordance with 14 CFR appendix D to part 43; per owner's request; using Beechcraft and Lycoming check list's as additional guidance. All AD's complied with at this date using T-data see attached AD copy for details. Aircraft found to be airworthy on this date.

Dakota Garlick A&P/I.A. 3621331

Vega Aircraft

N33WA

April 5, 202

Engine Log Entry

Lycoming O-360-A4J S/N L-19540-36A

Tach 2213.06

1. Removed #2 and #4 cylinders for oil consumption found lifters to be damaged. Removed engine from N33WA.
I certify that the above work was performed in reference to the latest available technical data. *Erik Alan Gross*
Erik Alan Gross A&P 2756964 I.A

Date: 03/13/2026 Hours: TSN: 2213.10, TSO: 0

Tail#: NA

Make: Lycoming

Model: O-360-A4J

S/N: L-19540-36A

Overhauled engine in accordance with Lycoming Direct Drive Engine Overhaul Manual 60294-7-14 and Lycoming Service Bulletin No 240AA. Performed engine ground operational test. A complete list of Airworthiness Directives, replacement parts and vendor certificates was provided to the owner. Engine shipped less starter, ring gear, and alternator at customer request. All other accessories were new or overhauled (see attached certificates). Additional details are on file under WO# 1181.

Name: Jason Isley

Co: J Aviation LLC

Cert: AP2788673

Sign: *[Signature]*

May 1st, 2026, Lycoming O-360-A4J, S/N L-19540-36A. Beechcraft C-23, N33WA, S/N M-1619. Tach Time 2213.06. Reinstall Engine after overhaul by J Aviation (formerly Skyboss) W/O #1181. Replace all engine hoses with new supplied by PHT. Install Rebuilt Alternator. Add 8 qts. of Aeroshell 100 Mineral Oil. Test Run & Check for leaks. This engine approved to return to service as per work accomplished.

[Signature]
James Shoun A&P 3492587

Vega Aircraft Solutions

Engine Log Entry

Lycoming O-360-A4J S/N L19540-36A

Tach 2214.0 E.T.T. 2214.0 TSMOH 0.94

N33WA

May 21, 2026

1. Performed 100hr/annual inspection in reference to 43 appendix D.
2. Engine A.D.'s Have been complied with thru Bi Weekly 2026-11
3. Compressions #1 78 #2 78 #3 78 #4 78

I Certify that the above work was performed in reference to the latest available technical data and Engine has been inspected and determined to be in airworthy condition. *Erik Alan Gross*

Erik Alan Gross A&P 2756964 I.A

Lycoming	O-360-A4J	L-19540-36A
Quantity	Part Number	Nomenclature
2	Aeroshell 100	Oil-6 qt case
2	AA48110-2	Oil filter
1	SL69371-1	Gasket set
4	SL69603	Hose
8	15B26588	Body-Hydraulic
1	SL18840	Camshaft
3	STD-2249	Nut
2	SL13884A M006	Bearing, crankshaft front
4	SL11020 M006	Bearing, crankshaft
8	SL75061	Bolt, rod
8	SL12186	Nut
8	UREM38E	Spark plug
1	AF16335	Fuel pump
4	SL13444-1	Piston pin
2	SL72569	Baffle assembly
1	SL61554	Plunger
1	APS-68759	Oil Drain
1	APS-68760	Oil Drain
2	APS-68761	Oil Drain
4	SL36006W-A20P	Cylinder Assembly
1	SL-STD-2213	Screw
1	AEL77808	Valve, Oil pressure relief
1	SL1028-8	Ball
1	SL61084	Spring
1	RAP215CC	Vacuum pump-new
1	10 5092A	Carburator-overhaul
1	KA12364	Harness
2	Misc.	Magnetos-OH
8	SL15592-5-05	Clamp
4	SL-STD-1821	hose, cylinder drain
16	SL-STD-2090	Nut
16	SL383-B	Nut
2	STD-1182	Screw
8	78290	Hydraulic units/sockets-OH
4	SL11485	Shroud tube

Lycoming O-360-A4J

Airworthiness Directives Compliance Report

Date: 2/14/2026
Engine: Lycoming O-360-A4J

Tail #:
S/N: L-19540-36A

Hours:

AD# Date/Hours Compliance	Category	Subject Next Due	Name	Amdt# Signature	Eff Date	Rec	Remarks Cert#
Engine: Lycoming O-360-A4J							
59-10-07	Engine	Cylinder Baffle Clamps	Jason Isley		07/01/59		Previously Complied With 2788673
64-16-05	Engine	Oil Seal Failure in AC Fuel Pumps	Jason Isley	765	07/10/64		Not Applicable 2788673
66-20-04	Engine	Oil Filter Adapter Gasket	Jason Isley	39-277	08/27/66		Not Applicable 2788673
73-23-01	Engine	Piston Pin Cracks From Grinding	Jason Isley	39-2804	01/13/77		Not Applicable, new pins installed during OH process 2788673
75-08-09	Engine	Oil Pump Drive Shaft and Impeller	Jason Isley	39-3013	08/18/77		Not Applicable 2788673
81-18-04 R2	Engine	Superseded By 96-09-10	Jason Isley				Superseded 2788673
87-10-06 R1	Engine	Rocker Arm Assembly	Jason Isley	39-6293	09/01/89		N/A by Serial No. 2788673
90-04-06 R1	Engine	Propeller Governor External Oil Line	Jason Isley	39-6915	05/28/91		Not installed during OH, owner to confirm during installation 2788673
91-14-22	Engine	Superseded By 04-10-14	Jason Isley				Superseded 2788673
92-12-05	Engine	Piston Pin Failure	Jason Isley	39-8265	07/10/92		Not Applicable, new pins installed during OH 2788673
92-20-07	Engine	Superseded By 93-05-21	Jason Isley				Superseded 2788673
93-05-21	Engine	Superseded By 93-11-11	Jason Isley				Superseded 2788673
93-11-11	Engine	Diaphragm Fuel Pumps Overhauled (by AAI) - Remove Affected Pump and Replace	Jason Isley	39-8584	06/21/93		Not Applicable 2788673
94-14-13	Engine	Superseded By 95-26-02	Jason Isley				Superseded 2788673
95-07-01	Engine	Superior Air Parts Connecting Rod Bolts	Jason Isley	39-9183	04/12/95		Not Applicable, new bolts installed during Overhaul 2788673
95-26-02	Engine	Detonation Due To Low Octane	Jason Isley	39-9460	01/24/96		Not Applicable 2788673
96-09-10	Engine	Oil Pump Impeller Failure	Jason Isley	39-9586	07/15/96		Previously Complied With, gears inspected by Rick Roman during this overhaul 2788673
97-01-03	Engine	Superseded By 97-15-11	Jason Isley				Superseded 2788673
97-15-11	Engine	Piston Pin Failure	Jason Isley	39-10085	08/12/97		Not Applicable, pins replaced during this overhaul 2788673
98-17-11	Engine	Crankshafts Installed by Nelson Balancing Service	Jason Isley	39-10713	10/19/98		Not Applicable 2788673
2004-10-14	Engine	Crankshaft Gear Retaining Bolt In the event of prop strike	Jason Isley	39-13644	06/25/04	Yes	Not due at this time 2788673
2005-26-10	Engine	Superseded By 06-12-07	Jason Isley				Superseded 2788673
2006-10-21	Engine	ECi Connecting Rods	Jason Isley	39-14604	06/22/06		Not Applicable 2788673
2006-12-07	Engine	ECi Cylinder Assemblies	Jason Isley	39-14632	07/11/06		Not Applicable 2788673
2007-04-19	Engine	Revised AD: Superior Air Parts Cylinder Assemblies	Jason Isley				Not Applicable 2788673
2007-04-19 R1	Engine	Superior Air Parts Cylinder Assemblies	Jason Isley	39-15005	05/07/07		Not Applicable 2788673
2008-19-05	Engine	Superseded By 09-26-12	Jason Isley				Superseded 2788673
2009-26-12	Engine	ECi Cracked Cylinder Assemblies	Jason Isley	39-16151	02/04/10	Yes	Not Applicable 2788673
2012-03-07	Engine	HA-6 Carburetor	Jason Isley	39-16948	03/27/12		Not Applicable, OH carb installed during this overhaul 2788673
2012-19-01	Engine	Crankshaft Replacement	Jason Isley	39-17196	10/24/12		Not Applicable 2788673

2017-16-11	Engine	Connecting Rod Failure Jason Isley	39-18988	08/15/17		Not Applicable 2788673
2024-21-02	Engine	Connecting Rod Failure	39-22869	12/05/24	Yes* (Terminating Action)	Not Applicable
		Jason Isley				2788673