

AVIAT AIRCRAFT INC.  
HUSKY A-1C-180  
S/N 3218

**ENGINE LOG**  
**EL-13P**



**LYCOMING**

## New Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number: ENPL-RT10536  
Serial Number L-42434-36E  
Engine Model O-360-A1P  
Work Order AR591526  
Total Time 0 New

Form 777C Rev 05/13

Charles Hess 5/23/14  
Authorized Representative Date

Production Certificate #3  
652 Oliver Street Williamsport, PA 17701 U.S.A  
Lycoming Engines is a division of Avco Corporation

# ENGINE DESCRIPTION

MANUFACTURER Lycoming Engines MODEL O-360-A1P

SERIAL NUMBER L-42434-36E DATE OF MANUFACTURE 05/23/2014

RATED BHP \_\_\_\_\_ RPM \_\_\_\_\_ MANIFOLD PRESSURE \_\_\_\_\_

FUEL REQUIRED OCTANE/PERFORMANCE \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# INSTALLATION RECORD

AIRPLANE	LOCATION	DATE INSTALLED	TOTAL HOURS AT INSTALLATION	DATE REMOVED	TOTAL HOURS AT REMOVAL	AGENCY CERT. NO.
A-1C-180	AFTON, WY	06/17/2014	0.0	<p>Installed New Lycoming Reciprocating Engine  S/N <u>L-42434-36E</u> on New Aviat Aircraft Inc.  model <u>A-1C-180</u> serial number <u>3218</u> in  accordance with applicable technical information and  Aviat Aircraft Inc. Production Certificate No. 704NM.</p> <p><u>Albert Humbert</u>  Albert Humbert for Aviat Aircraft Inc.</p>		



**LYCOMING**

652 Oliver Street

Williamsport, PA 17701 U.S.A.

**Airworthiness Directive Compliance List**

Sign for AD's Coded 1 (Applicable to Engine Model) ③

Engine Model No: **O-360-A1P**Engine SN: **L-42434-36E****May 23, 2014**

AD No. / Rev	SB / rev	Description /	Method of Compliance	Next Due	Code
59-10-07	254 / A-Ina	CYLINDER BAFFLE CLAMPS	BAFFLE HOOKS INSTALLED	N/A-Once	1
64-16-05	298 / Inacti	AC FUEL PUMP OIL SEAL	NEW CONF. FUEL PUMP INSTALLED	N/A-Once	1
66-20-04	307	OIL FILTER ADAPTER GASKET	NEW CONF. GASKET INSTALLED	N/A-Once	1
73-23-01	367 / F	INSP FOR CRACKS IN PISTON PINS	INST NEW PARTS	N/A-Once	1
80-14-07	447 / B	INSPECTION OF UPPER EXH. VALVE SPRING SEATS	PART W/CURVED P/N INSTALLED	N/A-Once	1
87-10-06 / R1	477 / A	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY	NEW CONFIGURATION P/N INST.	N/A-Once	1
94-06-09	517	INCOMPLETE INTERNAL GROUNDING ON MAG CAPACITORS	NEW CONF. CAPACITORS INSTALLED	N/A-Once	1
95-26-02	398	ENGINES OPERATED WITH LOW OCTANE FUEL	ENGINE IS NEW OR HAS BEEN REBUILT AT MANUFACTURER	N/A-Once	1
96-09-10	524	REPLACEMENT OF OIL PUMP IMPELLERS	STEEL IMPELLERS INSTALLED	N/A-Once	1
97-15-11	527 / C	RECALL OF PISTON PIN P/N LW-14077	NEW CONFIGURATION P/N INST.	N/A-Once	1
98-02-08	530 / B	INSPECTION OF CRANKSHAFT ID FOR CORROSION	MAG INSP./APPLY URETHABOND 104	N/A-Once	1
2004-10-14	475 / C	CRANKSHAFT GEAR MODIFICATION AND ASSY PROCEDURES	NEW P/N INSTALLED	N/A-Once	1
2005-19-11	566	Crankshaft replacement	Replace Crankshaft	N/A-Once	1
78-23-10	428	BENDIX FUEL INJ. BULLETIN RS-42	NEW P/N INSTALLED	N/A-Once	2
79-04-05	433 / A	BENDIX FUEL INJ. BULLETIN RS-57	NEW P/N INSTALLED	N/A-Once	2
79-10-03 / R2	1380	ENGINE MOUNT TORQUE	FIELD COMPLIANCE	N/A-Once	2
79-15-02	434	MARVEL-SCHEBLER BULLETIN #1A-79	NEW P/N INSTALLED	N/A-Once	2
80-04-03 / R2	446 / D	OIL ADDITIVE	DRY SUMP DELIVERED	WHEN OIL INST.	2
90-04-06 / R1	488 / A	PROPELLER GOVERNOR LINE SUPPORT	NEW LINE W/STEEL CON. NUTS INS	N/A-Once	2
92-12-05	501 / B	LW-14077 PISTON PIN	NEW PARTS INSTALLED	N/A-Once	2
2002-12-07	543 / B	OIL FILTER CONVERTER PLATE GASKET REPLACEMENT	NEW P/N CONVERTER PLATE INSTALLED	N/A-Once	2
2006-06-16	566 sup 1	Replace crankshaft	Crankshaft replaced	N/A-Once	2
2012-19-01	569 / A	CRANKSHAFT REPLACEMENT	REPLACE CRANKSHAFT	N/A-Once	2



TYPE OF A.D.  
1 TIME/RECUR.

NEXT COMP.  
DATE/HRS./CYCLE

AUTHORIZED SIGNATURE  
CERTIFICATE NO.

All applicable Federal Aviation Airworthiness Directives through Bi Weekly 2014-16 have been complied with at the time of manufacture and installation for this new aircraft engine.



Albert Humbert

Aviat Aircraft Inc.



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-1-2014	0.0	Added 9 quarts of Aeroshell 100 mineral oil. <i>[Signature]</i> for Aviat Aircraft Inc.
8-14-2014	3.2	Flight test time. <i>[Signature]</i> for Aviat Aircraft Inc.



NOVEMBER 3, 2014      N151BF      HOBBS: 20.2      TACH: 19.0

- CHANGED OIL AND FILTER. INSTALLED NEW CH48108 FILTER AND SERVICED ENGINE WITH 8 QTS AEROSHELL 80 MINERAL OIL.
- INSPECTED OLD FILTER FOR METAL, NONE FOUND.
- GROUND RUN AND LEAK CHECK WAS SATISFACTORY.

THE AIRCRAFT AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

W/O NO. 75042      DATE 11/3/2014

SIGNED *[Signature]*

WESTON W. BIGELOW FOR WIPAIRE, INC. CRS RJWR390K      PHONE 651.451.1205

DATE

TOTAL  
TIMEINSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

NOVEMBER 3, 2014

N151BF

HOBBS: 20.2

TACH: 19.0

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W/O NO. 75042





DATE 11/13/2014

SIGNED

WESTON W. BIGELOW FOR WIPAIRE, INC. CRS RJWR390K PHONE 651.451.1205


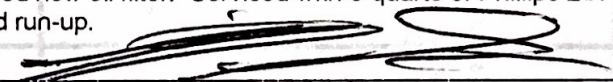
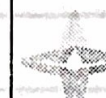
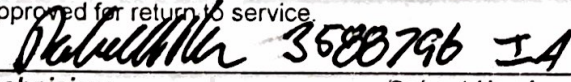


# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	
<b>MODEL:</b> A-1C-180 <b>S/N:</b> 3218 <b>REG. No:</b> N151BF		 <b>CFM</b> <small>CORPORATE FLIGHT MANAGEMENT</small>	276 Doug Warpoole Road Smyrna, TN 37167 615.534.4600
		Engine S/N L-42434-368	<b>DATE:</b> 04/01/2015 <b>TAT:</b> 46.3 <b>Flight:</b> 42.6
<b>Maintenance Accomplished:</b> -Drained engine oil, performed oil sample. Removed & inspected engine oil filter, no metal noted. Installed new oil filter P/N AA48108-2 and serviced with 8 quarts of Phillips 20W-50 (X/C), tightened & secured filter. Leak checked good on ground run-up. Work done ref engine Op manual Sec 4.			
Signed:  <b>Technician:</b> Albert Macmillan		<b>Certificate No. A &amp; P 3669953</b>	
<b>Model:</b> A-1C-180 <b>S/N:</b> 3218 <b>Reg. No:</b> N151BF		 <b>CFM</b> <small>CORPORATE FLIGHT MANAGEMENT</small>	276 Doug Warpoole Road Smyrna, TN 37167 615.534.4600
		Airframe	<b>Date:</b> 4/28/2015 <b>TACH:</b> 43.9 <b>HOBBS:</b> 47.9
<b>Maintenance Accomplished:</b> Updated GTN750 & G600 nav data, safe taxi, airport directory, obstacle, & flight charts databases IAW manufactures ICA. Nav & charts expire 28 MAY 15. Safe taxi, airports & obstacle expire 25 JUN 15.			
Signed:  <b>For:</b> Brian J Sanik A&P# 3481963			



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	
	Model: A-1C	 <b>CORPORATE</b> FLIGHT MANAGEMENT 276 Doug Warpoole Road Smyrna, TN 37167 615.534.4600	Date: 03/31/2016
	S/N: 3218		HOBBS: 90.2
	Reg. No: N151BF		
Engine S/N L-42434-36E			
Maintenance Accomplished:			
- Complied with oil and filter change ref engine MM. Drained oil, removed and inspected oil filter, no metal found at this time. Installed, tightened & secured new oil filter. Serviced with 8 quarts of Phillips 20W-50 and installed new oil filter P/N AA48108-2. Leak check good on ground run-up.			
Signed: 			
Technician:		Brian J. Sanik	Certificate No. A&P 3481963
	Model: A-1C-180	 <b>CORPORATE</b> FLIGHT MANAGEMENT 276 Doug Warpoole Road Smyrna, TN 37167 615.534.4600	Date: 14 April 2016
	S/N: 3218		Hobbs: 99.3
	Reg. No: N151BF		Tach: 91.1
Engine S/N L-42434-36E			
Inspection:			
-Complied with an engine Annual inspection Ref FAR 43 Appendix D. -Complied with cylinder compression check. Compressions were as followed: #1 72/80, #2 72/80, #3 72/80, #472/880 M.O 40. AD'S -Researched AD's through 04/14/2016. None due at this time.			
Maintenance Accomplished:			
-Removed two spark plugs that failed bench test and replaced with new spark plugs P/N REM38E Ref engine MM. -Torqued screws on rocker box cover Ref engine MM			
I certify that this engine has been inspected in accordance with an Annual Inspection, and was found to be in airworthy condition at this time, and is approved for return to service.			
Signed:  3588796 JA			
Technician:		Robert Harrison	Certificate No. A & P 3588796



INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.



May 22, 2017

Aviat Husky A-1C

Registration: N143EE

Tach: 150.4 AFTT: 150.4 PTT: 150.4 ETT: 150.4 SMOH: 150.4

**I certify that this engine has been inspected in accordance with an Annual inspection checklist and was determined to be airworthy this date.**

Airworthiness directives researched through revision 2017-10. See separate compliance report for details. Performed compression check: 1) 72 2) 68 3) 68 4) 70:80. Changed oil and filter and took oil sample. Serviced with 8qts Phillips 20w-50. Repaired minor discrepancies. Ground ran all systems checked normal. All work done per Aviat and Lycoming service manual. I certify that the work specified above was carried out in accordance with FAA airworthiness regulations and with respect to the work performed, this aircraft is approved for return to service in accordance with 14 CFR 43.9.

Oliver Cuestas

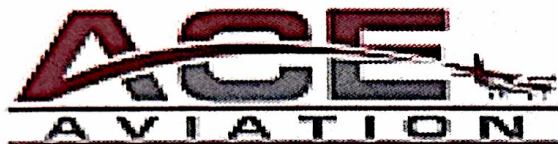
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AP2725388IA

DATE

TOTAL  
TIMEINSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

## Log Book Entry



289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

www.aceaviationinc.com

**Manufacturer:** Lycoming Div Avco Corp Textron**Part/Model number:** O360A1P**Work Order No:** 1536**Hour Meter:** 164.0**TSN/TSO:** 164.00 / 164.00**CSN/CSO:** N/A / N/A**Serial Number:** L-42434-36E**Date:** 1-26-2018**Squawk**

**2.1** Changed engine oil and took engine oil sample. Inspected filter element: no unusual contamination found. Serviced engine with 8qts. Phillips X/C 20W50 and CH48108-1 filter. Ground ran engine, no leaks noted at this time.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 1536.

Jake Johnson (JAKE)

A handwritten signature in black ink, appearing to read "Jh Johnson", written over a horizontal line.

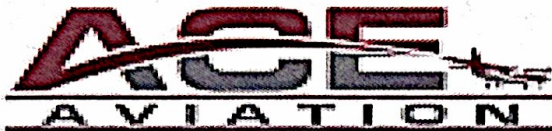
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# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

www.aceaviationinc.com

**Manufacturer:** Lycoming Div Avco Corp Textron  
**Part/Model number:** O360A1P  
**Work Order No:** 1750

**Hour Meter:** 164.1

**TSN/TSO:** 164.10 / N/A

**Serial Number:** L-42434-36E

**Date:** 6/13/2018

**CSN/CSO:** N/A / N/A

## Squawk

- 2.1** I certify that this engine has been inspected in accordance with the requirements of an annual inspection per FAR 43 Appendix D and has been found to be in an airworthy condition at this time.
- 2.2** Test ran engine and performed compression check. Results are as follows: 1: 76/80 2: 72/80 3: 64/80 4: 72/80. Performed engine routine maintenance and servicing in accordance with Lycoming service manual. Washed and dried engine. Test ran and leak checks OK.
- 2.3** Drained oil and filter while hot. Removed spin on oil filter and oil suction screen. Inspected elements for debris with no unusual contamination noted. Installed new CH48108-1 filter and reinstalled oil suction screen. Serviced engine with 8 quarts Phillips 20W50 oil.
- 2.4** Updated AD compliance through 2018-12.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 1750.

Sean Quinn (SEAN)

A handwritten signature in black ink, appearing to be "Sean Quinn", written over a horizontal line.

AP3560704IA

# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.



289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

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

**Manufacturer:** Lycoming Div Avco Corp Textron

**Part/Model number:** O360A1P

**Work Order No:** 2434

**Hour Meter:** 208.3

**TSN/TSO:** 208.30 / N/A

**Serial Number:** L-42434-36E

**Date:** 6/7/2019

**CSN/CSO:** N/A / N/A

## Squawk

- 2.1** I certify that this engine has been inspected in accordance with an annual inspection checklist and has been found to be airworthy this date.
- 2.2** Test ran engine and performed compression check. Results are as follows: 1: 76/80 2: 64/80 3: 76/80 4: 78/80. Performed routine engine maintenance, servicing, and lubrication in accordance with Lycoming service manual. Solvent washed and dried engine. Test ran and leak checks OK.
- 2.3** Drained engine oil and removed spin on oil filter and oil suction screen. Inspected elements of both for debris with no unusual contamination noted. Installed new spin on oil filter p/n CH48108-1. Serviced engine with 8 quarts Phillips 20W50 oil.
- 2.4** Updated AD compliance through 2019-11.
- 2.5** Staked #3 exhaust valve as necessary to remove deposits. Replaced #3 exhaust valve cover gasket with new p/n 75906 gasket. Torqued in accordance with Lycoming service manual.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 2434.

Sean Quinn (SEAN)

A handwritten signature in blue ink, appearing to be "Sean Quinn", written over a horizontal line.

AP3560704IA



DATE

TOTAL  
TIMEINSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

www.aceaviationinc.com

**Manufacturer:** Lycoming Div Avco Corp Textron**Part/Model number:** O360A1P**Work Order No:** 3113**Hour Meter:** 229.9**TSN/TSO:** 229.90 / N/A**Serial Number:** L-42434-36E**Date:** 7/29/2020**CSN/CSO:** N/A / N/A**Squawk**

- 2.1** I certify that this engine has been inspected in accordance with an Annual inspection checklist and was determined to be airworthy this date.
- 2.2** Test ran engine and performed compression check. Results are as follows: 1: 72/80 2: 74/80 3: 42/80 4: 58/80. Performed routine engine maintenance, servicing, and lubrication in accordance with Lycoming service manual. Solvent washed and dried engine. Test ran and leak checks OK. See item 2.5 for cylinders 3 and 4.
- 2.3** Drained engine oil and removed spin on oil filter and oil suction screen. Inspected elements of both for debris with no unusual contamination noted. Installed new spin on oil filter p/n CH48108-1. Serviced engine with 8 quarts Phillips 20W50 oil.
- 2.4** Airworthiness Directives researched through revision 2020-14. See separate compliance report.
- 2.5** Performed valve lapping procedure on exhaust valves of cylinders 3 and 4. Compression after lapping and popst run up is as followed: 3) 77/80 4) 74/80.
- 2.6** Removed both magnetos to replace gaskets with new P/N LW12681 and 62224 , reinstalled and timed to engine.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 3113.

Oliver Cuestas (OLIVER)

A handwritten signature in black ink, appearing to read "O. Cuestas", is written over a horizontal line.

AP2725388IA

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

TOTAL  
TIME



289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

www.aceaviationinc.com

Hour Meter: 237.7

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 237.70 / N/A

CSN/CSO: N/A / N/A

Part/Model number: O360A1P

Serial Number: L-42434-36E

Work Order No: 3815

Date: 7/9/2021

## Squawk

- 2.1 I certify that this engine has been inspected in accordance with an Annual inspection checklist and was determined to be airworthy this date.
- 2.2 Test ran engine and performed compression check. Results are as follows: 1: 72/80 2: 76/80 3: 76/80 4: 74/80. Performed routine engine maintenance, servicing, and lubrication in accordance with Lycoming service manual. Solvent washed and dried engine.
- 2.3 Drained engine oil and removed spin on oil filter and oil suction screen. Inspected elements of both for debris with no unusual contamination noted. Installed new spin on oil filter p/n CH48108-1. Serviced engine with 8 quarts Phillips 20W50 oil.
- 2.4 Airworthiness Directives researched through revision 2021-14. See separate compliance report.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 3815.

Oliver Cuestas (OLIVER)

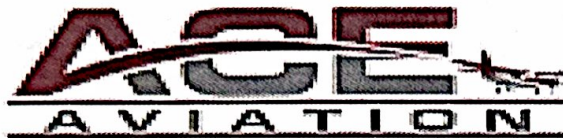
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AP2725388IA



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

www.aceaviationinc.com



**Manufacturer:** Lycoming Div Avco Corp Textron  
**Part/Model number:** O360A1P  
**Work Order No:** 4471

**Hour Meter:** 249.7

**TSN/TSO:** 249.70 / N/A

**CSN/CSO:** N/A / N/A

**Serial Number:** L-42434-36E

**Date:** 7/26/2022

## Squawk

- 2.1 I certify that this engine has been inspected in accordance with an Annual inspection checklist and was determined to be airworthy this date.
- 2.2 Airworthiness Directives researched through revision 2022-15. See separate compliance report.
- 2.3 Test ran engine and performed compression check. Results are as follows: 1: 76/80 2: 75/80 3: 69/80 4: 74/80. Performed routine engine maintenance, servicing, and lubrication in accordance with Lycoming service manual. Solvent washed and dried engine.
- 2.4 Drained engine oil and removed spin on oil filter and oil suction screen. Inspected elements of both for debris with no unusual contamination noted. Installed new spin on oil filter p/n CH48108-1. Serviced engine with 8 quarts Phillips 20W50 oil.
- 2.5 Complied with Aviat Service Bulletin #35 Engine Exhaust Muffler Inspection by inspection of muffler per Service Bulletin instructions. Due next at AFTT: 349.7.
- 2.6 Tightened alternator belt as required and safetied.


These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the Ace Aviation, Inc. under Work Order Number 4471.

Oliver Cuestas (OLIVER)

A handwritten signature in black ink, appearing to read "Oliver Cuestas".

AP2725388IA

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<b>Date:</b> 05/15/2023 <b>Hours:</b> ACTT: 263.2, Tach: 263.2, EngTT: 263.2, PropTSN: 201.4 <b>Tail#:</b> 143EE <b>Make:</b> Lycoming <b>Model:</b> O-360-A1P <b>S/N:</b> L42434-36E Drained oil and serviced with Phillips Victory 20W50 anti-wear. Replaced oil filter. Cut filter open and checked normal. Serviced sparkplugs. I certify this engine was inspected IAW an annual inspection ref FAR 43. <del>See</del> appendix D scope and detail and has been determined to be in airworthy condition. Joe Arcuri 3516894 AP/IA <div style="text-align: right;"><i>Joe Arcuri</i></div>
		<div style="display: flex; justify-content: space-between;"> <div>  <p><b>NORTHPOINT AVIATION</b></p> </div> <div> <p>16384 Airport Road Brainerd, MN 56401 (218) 829-3398</p> </div> <div> <p><i>Engine</i></p> </div> </div>
		<p>Date: 7/17/2023; Aircraft: N143EE; Type: Aviat Husky; Hobbs: 316.5; Tach: 290.4; Engine - Type: O-360-A1P, S/N: L-42434-36E, Time: 290.4, SMOH: 290.4</p> <p>Shop Order #: SO-23-2356</p> <ol style="list-style-type: none"> <li>1. Removed factory exhaust assembly. Installed new style Powerflow exhaust / muffler shroud system IAW Powerflow STC SA03858AT. Completed microvibe propeller Vibration procedure as requested by Powerflow. Installed minor weights as required. Final IPS 0.043 @ 355.7 Deg. Completed FAA Form 337.</li> <li>2. Removed engine air filter. Installed new style challenger air filter assembly IAW Challenger STC SA01669CH. Oiled element as instructions recommended. Weight and balance negligible. Completed FAA Form 337.</li> <li>3. Drained engine oil. Pulled oil sample. Completed paperwork and sent out for analysis. Removed, cut &amp; inspected oil filter. No issues noted. Installed new oil filter P/N AA48108-2. Serviced with 7 quarts of Phillips Victory 20w50 engine oil. Engine run up satisfactory.</li> <li>4. Removed spark plugs and performed engine borescope procedure. Obtained pictures for viewing.</li> </ol> <p>The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired/ inspected IAW current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this facility under the shop order above.</p> <div style="display: flex; justify-content: space-between;"> <div> <p>Name: <i>William Smith</i></p> </div> <div> <p>Signature: <i>[Signature]</i></p> </div> </div> <p>NorthPoint Aviation C.R.S 6DVR982C</p>



DA

Date: 5/03/2024; Aircraft: N143EE; Type: Aviat Husky A-1C-180; S/N: 3218; Hobbs: 329.9; Tach: 302.0; Total Time: 302.0; Engine - Type: O-360-A1P, S/N: L-42434-36E, Time: 302.0, SMOH: 302.0

Shop Order #: SO-24-2611

1. Completed 100 Hour / Annual inspection IAW NorthPoint Aviation 100 Hour / Annual Inspection Checklist, Aviat Husky A-1C200 Service Manual, Lycoming Engine Service Manual, MT Propeller Service Manual, Wipline 2100A Service Manual, & 14 CFR 91 App D.
2. Removed oil filter. Cut and inspected. No issues noted. Installed new AA48108-2 oil filter. Collected oil sample. Sent out for analysis. Added 1 pint of Camguard.
3. Performed engine cylinder compression test. Results as follows: #1 - 74/80, #2 - 74/80 #3 - 64/80 #4 - 76/80

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was inspected IAW an 100 Hour Inspection and is approved for return to service. Pertinent details of the repair are on file at this facility under the shop order above.

Name: William Smith Signature: [Signature] NorthPoint Aviation C.R.S 6DVR982C

Date: 08/03/2025 Hours: TT: 335.2 Tach: 335.2 Hobbs: 364.9

Tail#: N143EE

Make: Aviat

Model: A-1C-180

S/N: 3218

Engine Inspected in accordance with Aviat Instructions for Continued Airworthiness Annual Inspection Guide. Drained Oil, Inspected and Replaced Filter, inspected suction screen, refilled with 8 Qts Aeroshell 100. Checked engine compression: #1 78, #2 78, #3 60, #4 75. Removed #3 Cyl Rocker arm and exhaust valve springs and found excessive wear in guide. Removed cylinder for repair. Found removed Cylinder must be retired as per Lycoming MSB 634. Inspected #3 Rod Bushing per Lycoming MSB 630A, found no movement and split line in proper position. Installed Reconditioned Lycoming Cylinder Assembly P/N LW12427n1 See J&J Air Parts WO# JJI85752-03. Work performed IAW Lycoming Operators and Direct drive OH Manual. Performed Runup per J&J Break in-procedures. Checked Magneto Timing. Adjusted LH Magneto to 25deg BTC. Drained Carb bowl. Performed Post Inspection Run-up ok no leaks. *AD 2024-21-11, CW by Insp. A. Oil Filter. And 600000 NO METAL FOUND.*

I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an Airworthy condition.

Name: Frank Routh

Signature: [Signature]

Frank Routh IA 3275390

Cert: 3275390

IA