

AVIAT AIRCRAFT INC.  
HUSKY A-1C-180  
S/N 3265

**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-42747-36E  
Engine Model O-360-A1P  
Work Order AR622815  
Total Time 0 New

*Low L Adams* 11/20/15  
Authorized Representative Date

Production Certificate #3

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

Form 777C Rev 05/13

## ENGINE DESCRIPTION

MANUFACTURER Lycoming Engine MODEL O-360-A1P

SERIAL NUMBER 3265 DATE OF MANUFACTURE 11/20/2015

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

[illegible]



652 Oliver Street  
Williamsport, PA 17701 U.S.A.**Airworthiness Directive Compliance List**

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

Engine Model No: **O-360-A1P**Engine SN: **L-42747-36E**

Nov 20, 2015

AD No. / Rev	SB / rev	Description /	Method of Compliance	Next Due	Code
58-10-07	254 / A-1na	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 PIN INSTALLED	N/A-Once	1
87-10-06 / R1	477 / A	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY	NEW CONFIGURATION PIN INST.	N/A-Once	1
94-06-09	517	INCOMPLETE INTERNAL GROUNDING ON MAG CAPACITORS	NEW CONF. CAPACITORS INSTALLED	N/A-Once	1
95-28-02	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 PIN 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-SCHIEBLER BULLETIN #A-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

Codes: 1 AD Applicable to Model 2 AD Not Applicable to Model 3 Field Compliance where applicable

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-23-2016	0.0	Added 8 quarts of Aeroshell 100 Mineral Oil. <i>John C. Wright</i> for Aviat Aircraft Inc.
5-25-2016	1.6	Flight test time. <i>John C. Wright</i> for Aviat Aircraft Inc.



**AVIAT**  
AIRCRAFT, INC

672 S. Washington St. Afton, WY 83110

Reg. Number N265WY S/N 3265 Tach Time 23.48 Date 12/09/2016

Model A-1C-180

Description of work performed:

- Changed oil with 8qts mineral oil
- Inspected and cleaned oil screen, Checked good

All work performed in accordance with Aviat Aircraft Inc. Instructions for Continued Airworthiness. Ops check good.

Colton Wright

3769233A&P

*Colton Wright*



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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LYCOMING O-360-A1P

S/N L-42747-36E

TTSNEW 56.19

TACH 56.19

REMOVED COWLING AND CLEANED ENGINE. DRAINED OIL AND CHECKED SCREEN FOR DEBRIS. PERFORMED DETAILED BOROSCOPE AND VISUAL INSPECTION TO VERIFY CONDITION. PERFORMED ANNUAL INSPECTION I/A/W LYCOMING DIRECT DRIVE ENGINES MANUAL, FAA CFR 43 APPENDIX D, AND BULLY AERO INSPECTION CHECKLIST. INSPECTED SPARK PLUGS. VERIFIED MAGNETO TIMING. SERVICED ENGINE WITH 8 QUARTS AEROSHELL W100 PLUS. PERFORMED OPERATIONAL CHECK. NO DEFECTS NOTED. ALL ENGINE PARAMETERS ARE WITHIN LYCOMING SPECIFICATIONS. LISTING WITH STATUS OF APPLICABLE AIRWORTHINESS DIRECTIVES REVIEWED THIS DATE AND PLACED IN LOGBOOK.

ERIC P. MINNIS AP/IA 3127763

DATE 03/01/2018

BULLY AEROPLANE WORKS AND AIRSHOWS

June 01, 2018 - Tach and Total Time 74.94. Changed oil and checked/cleaned oil screen. Refilled with Phillips X/C 20W-50.

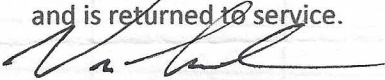
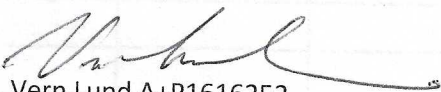
Lyman Hatz  
Sunsett Aircraft Maintenance, LLC

A&P 392682838  
(715) 773-2321

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
			6 January Oil change #1=78, # cleaned, and is re
			Vern Lund
			20 October 2 Replaced left Replaced sta case fitting.
			Vern Lund A
			10-20-22



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
<p>6 January 2020 N265WY Lycoming O360-A1P, Serial number L-42747-36E Total time 127.8 hours  Oil changed, 8 quarts Phillips 20-50, checked suction and pressure screens for debris, Compression test:  #1=78, #2=77, #3=79, #4=78 all over 80 PSI, checked magneto to engine timing to 25° BTC. Spark plugs  cleaned, regapped. This aircraft engine has been inspected in accordance with an annual inspection  and is returned to service.</p> <p>  Vern Lund 1616252IA</p>		
<p>20 October 2020 N265WY Lycoming O360-A1P, Serial number L-42747-36E Total time 143.8 hours  Replaced left magneto with new Unison P/N 4373, S/N 19080438. Timed magneto to 25 degrees BTC.  Replaced starter with Hartzell P/N ERZ-8011, S/N H-S091166. Repaired broken primer line at accessory  case fitting.</p> <p>  Vern Lund A+P1616252</p>		
10-20-20		Drained oil and replaced with 8 qts Phillips 20W/50 XC Jeff Brand

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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19 January 2021 N265WY Lycoming O360-A1P, Serial number L-42747-36E Total time 147.52 hours  
Oil changed, 8 quarts Phillips 20-50, checked suction and pressure screens for debris, Compression test:  
#1=78, #2=78, #3=77, #4=76 all over 80 PSI, checked magneto to engine timing to 25° BTC. Spark plugs  
inspected. This aircraft engine has been inspected in accordance with an annual inspection and is  
returned to service.

Vern Lund 1616252IA

*Southern Maine Aviation, LLC*  
199 Airport Road  
Sanford, ME 04073  
207 324-8919

3/3/21 N265WY A1C T/T 179.5

Changed oil and cleaned oil screen. Serviced with (8) Phillips 20W50 XC oil. Changed #1 valve cover gasket P/N  
06B26669. Installed Reiff heater kit P/N SL4. Run up check good A/C return to service for work performed.

Brian Westover AP 2664808



## T-AVIATION, LLC

244 Rochester Hill Rd, Rochester, NH 03867  
603-403-8061 www.taviationaero.com

### ENGINE LOG ENTRY

N265WY Aviat Husky A-1C-180 S/N 3265  
Tach: 193.65  
Lycoming O-360-A1P S/N L-42747-36E  
ETT: 193.65 SMOH: 193.65

#### Work Performed:

1. Replaced Engine #3 Valve Cover Gasket. Engine Run Lk Ck Good (1.0hr + Gasket)

I certify this Aircraft work/insp listed above were performed in accordance with FAR 43 appendix-D &  
OEM Manual as guide. With respect to the work/insp performed, this aircraft was found to be in an airworthy condition and is  
approved for return to service

Authorized Signature: *Thomas E. Morgera* A&P3803428 IA  
THOMAS E. MORGERA

4/27/2021  
W/O 2104-043

DATE




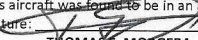



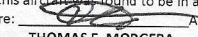
11/4/2021  
W/O 2111-118



2/1/2022  
W/O 2201-134



## INSPECTION & MAINTENANCE RECORD

DATE		TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	
		<b>T-AVIATION, LLC</b> 244 Rochester Hill Rd. Rochester, NH 03867 603-403-8061 www.tavationaero.com <b>ENGINE LOG ENTRY</b> N265WY Aviat Husky A-1C-180 S/N 3265 Tach: 210.10 Lycoming O-360-A1P S/N L-42747-36E ETT: 210.10 SMOH: 210.10	<b>Work Performed:</b> 1. Drained Oil, collected sample for analysis, inspected inlet suction and pressure oil screen; no defects noted. Installed new filter CH48110-1 and oil screen gasket 07-03129. Serviced w/8qts Phillips XC 20W50. Ground Run, Leak & Ops Ck Good. I certify this Aircraft work/insp listed above were performed in accordance with FAR 43 appendix-D & OEM Manual as guide. With respect to the work/insp performed, this aircraft was found to be in an airworthy condition and is approved for return to service Authorized Signature:  A&P3803428 IA <b>THOMAS E. MORGERA</b>	
 11/4/2021 W/O 2111-118		<b>T-AVIATION, LLC</b> 244 Rochester Hill Rd. Rochester, NH 03867 603-403-8061 www.tavationaero.com <b>ENGINE LOG ENTRY</b> N265WY Aviat Husky A-1C-180 S/N 3265 Tach: 232.54 Lycoming O-360-A1P S/N L-42747-36E ETT: 232.54 ESMOH: 232.54 Hartzell HC-CYR-IN SN:NG8301-3 PTSN: 232.54	<b>Work Performed:</b> 3. C/W Oil Change; took sample for analysis, Removed and inspection oil filter screen—no defects noted, replenished with 8qts Phillips 20W50 XC Aviation Oil. Engine Run-up and Leak Check Good. I certify this Aircraft work/insp listed above were performed in accordance with FAR 43 appendix-D & OEM Manual as guide. With respect to the work/insp performed, this aircraft was found to be in an airworthy condition and is approved for return to service Authorized Signature:  A&P3803428 IA <b>THOMAS E. MORGERA</b>	
 2/1/2022 W/O 2201-134		<b>T-AVIATION, LLC</b> 244 Rochester Hill Rd. Rochester, NH 03867 603-403-8061 www.tavationaero.com <b>ENGINE LOG ENTRY</b> N265WY Aviat Husky A-1C-180 S/N 3265 Tach: 254.66 Lycoming O-360-A1P S/N L-42747-36E ETT: 254.66 Hartzell HC-C2YR-IN NG8301-3 PTT: 254.66	<b>Work Performed:</b> C/V Annual Engine Inspection IAW 14CFR 43 APPENDIX D- Performed differential compression check: 1/79 2/72 3/78 4/77, verified magneto timing, Replaced all 8 spark plugs REM38E, replaced #4 EGT probe P-110-F, checked for engine and exhaust defects, completely drained oil, took sample for analysis, Inspected Oil Screen—no defects noted, replenished with 7qts 20W50, replaced induction air filter PN BA-4108, Eng ops and leak check performed with no defects noted. ADs up to date and Ck'd against ZookDatabase and FAA Bi-Wkly 2022-03. I certify this Engine Annual work/insp listed above were performed in accordance with FAR 43 appendix-D & OEM Manual as guide. With respect to the work/insp performed, this aircraft was found to be in an airworthy condition and is approved for return to service Authorized Signature:  A&P3803428 IA <b>THOMAS E. MORGERA</b>	





## INSPECTION & MAINTENANCE RECORD

[illegible]

# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE



## Sunset Eagle Aviation, LLC

5321 Johnny Reaver Rd. Hangar #4

Panama City Beach, FL 32409

FAA Drug/Alcohol Plan # CONN597C

**N# 265WY Tach/Hobbs: 321.3 Date: 10/18/2022 WO# 22-254**

Description of work performed: Installed new Casper labs oil filter adapter as per STC# SE01930NY P/N# 08-01094.

Installed new oil filter P/N# AA48108-2 and serviced with 7qts Aeroshell 100w oil. Installed new vernatherm valve P/N# 75944. Removed and replaced upper oil cooler fitting in assy. case with new steel An823-8 fitting. Run up leak and ops check good. All work IAW MFR MM.

Maintenance Release: The Aircraft, Airframe, Engine, Propeller or Appliance Was Repaired

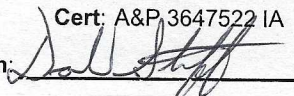
And Inspected In Accordance With Current Regulations of the FAA and Is Approved For

Return to Service.

Signed:

Mitchell W Hall A&P 2748936

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p><b>Date:</b> 03/16/2023    <b>Hours:</b> Tach: 334.03</p> <p><b>Tail#:</b> N265WY                      <b>ETT:</b> 334.03</p> <p><b>Make:</b> Aviat                      <b>Model:</b> A-1C-180                      <b>S/N:</b> 3265</p> <p>Performed an annual inspection on this engine using Aviat MM and FAR 43 appendix D as a guide. Compression check #1 76/80 #2 60/80 #3 76/80 #4 76/80. Oil and filter change. Installed and safety wired AA48108 filter. Serviced engine with 7 quarts Aeroshell W100 plus oil. Lycoming AD 17-16-11 connecting rod failure NA due to engine SN. AD's checked to date. I certify that this engine has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.....</p> <p><b>Name:</b> Donald Stafford                      <b>Cert:</b> A&amp;P 3647522 IA</p> <p><b>Co:</b> DC Aviation LLC                      <b>Sign:</b> </p>



## INSPECTION & MAINTENANCE RECORD

[illegible]



## INSPECTION & MAINTENANCE RECORD

[illegible]

N265WY 6/2025 #2 cylinder

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 225086	
4. Organization Name and Address: Zephyr Aircraft engines inc 39320 B Ave Zephyrhills FL 33542						
6. Item: 1	7. Description: CYLINDER ASSEMBLY	8. Part Number: CL 12	9. Quantity: 1	10. Serial Number: 225086	11. Status/Work: REPAIRED	
12. Remarks: Cylinder repaired in accordance with Lycoming overhaul manual. The following new parts installed in cylinder; (1) SL3601-SC2 Ring Set, (1) SL74230 P5 Guide, (1) SL19001 Ex. Valve, (2) SL11800 Springs, (2) SL11795 Springs, (2) MS13997-3 Keys, (2) SL60009 Keys, (2) AEL31C-12 P3 Studs, (4) SL66610 Rocker Shaft Bushing, (1) AN823-6D Drain Back Fitting, (1) SL12032-SC Gasket Set, (1) MS13998-3 Roto Cap. End work done.						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12  Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14c. Approval/Certificate No.: V14R597M		
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): John R Warren 14e. Date (dd/mm/yyyy): 23/MAY/2025		
<b>User/Installer Responsibilities</b> It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.  Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.  Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						



# ZEPHYR AIRCRAFT ENGINES INC.

39320 B AVENUE  
ZEPHYRHILLS FL. 33542  
813-788-3305

## INVOICE

Date	Invoice #
5/23/2025	225086

Bill To
DC Aviation 5231 Johnny Reaver Rd Hangar A1 Panama City, FL 32409

Ship To

P.O. Number	Terms	Ship Date	Via
		5/23/2025	UPS

Quantity	Part Number	Description	Price Ech	Total
	1 O-360-A1P	IRAN Cylinder	\$ 350.00	\$ 350.00
	1 SL3601-SC2	Ring Set	\$ 163.38	\$ 163.38
	1 SL74230 P5	Guide	\$ 54.76	\$ 54.76
	1 SL19001	Ex. Valve	\$ 282.91	\$ 282.91
	2 SL11800	Springs	\$ 20.96	\$ 41.92
	2 SL11795	Springs	\$ 17.20	\$ 34.40
	2 MS-13997-3	Keys	\$ 9.08	\$ 18.16
	2 SL60009	Keys	\$ 3.44	\$ 6.88
	2 AEL31C-12 P3	Studs	\$ 14.36	\$ 28.72
	4 SL66610	Rocker Shaft Bushing	\$ 2.20	\$ 8.80
	1 AN823-6D	Drain Back Fitting	\$ 16.68	\$ 16.68
	1 SL12032-SC	Gasket Set	\$ 25.76	\$ 25.76
	1 MS13998-3	Roto Cap	\$ 10.62	\$ 10.62
				\$ -
				\$ -
				\$ -
				\$ -

Sub Total	\$ 1,042.99
Tax	\$ -
Tax	\$ -
Freight	\$ 35.00
Total	\$ 1,077.99

N265WY  
OVER 2000# GROSS TAKE OFF

  
Zephyr Aircraft Engines Inc. FAA Repair Station # VI4R397M