

AVIAT AIRCRAFT INC.
HUSKY A-1C-200
S/N 3183

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.

Serial Number L-36035-51E
Engine Model IO-360-A1D6
Work Order AR557223
Total Time 0 New

Form 777C Rev 07/12

Charles Hess 3/6/13
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 MODEL IO-360-A106

SERIAL NUMBER L-36035-51E DATE OF MANUFACTURE 03/06/2013

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-200	AFION, WY	03/29/2013	0.0			

Installed New Lycoming Reciprocating Engine
 S/N L-36035-51E on New Aviat Aircraft Inc.
 model A-1C-200 serial number 3183 in
 accordance with applicable technical information and
 Aviat Aircraft Inc. Production Certificate No. 704NM.

Albert Humbert

Albert Humbert for Aviat Aircraft Inc.

LYCOMING

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Airworthiness Directive Compliance ListSign for AD's Coded 1 (Applicable to Engine Model) **3**Engine Model No: **IO-360-A1D6**Engine SN: **L-36035-51E****Mar 6, 2013**

AD No. / Rev	SB / rev	Description /	Method of Compliance	Next Due	Code
64-16-05	298 / Inacti	AC FUEL PUMP OIL SEAL	NEW CONF. FUEL PUMP INSTALLED	N/A-Once	1
71-05-02	327 / C	INSPECTION OF CENTER MAIN BEARING	NEW INSTALLED	N/A-Once	1
71-11-02	328	REPLACEMENT OF EXH & INT HYD TAPPET PLUNGERS	NEW P/N HYD TAPPETS INSTALLED	N/A-Once	1
73-23-01	367 / F	INSP FOR CRACKS IN PISTON PINS	INST NEW PARTS	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
96-23-03	525 / A	HIGH PRESSURE FUEL PUMP INSTALLED LW-15473	NEWLY MANUFACTURED PUMPS INST.	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
2009-02-03	581	Inspection of Precision Airmotive Hex Plug in regulator cover	New improved gasket P/N 2577258 installed	N/A-Once	1
2011-26-04	342 / F	FUEL LINE AND SUPPORT CLAMP INSPECTION & INSTALL.	NEW LINES INST. WITH NEW CLAMP	100 HOURS	1
2012-03-06	596	Avstar Fuel System fuel servo diaphragm	New configuration diaphragm installed	N/A-Once	1
66-06-03	302 / A	REPLACEMENT OF CONNECTING ROD ASSY.	NEW ROD CONFIGURATION	N/A-Once	2
66-20-04	307	OIL FILTER ADAPTER GASKET	NEW CONF. GASKET INSTALLED	N/A-Once	2
67-22-06 / 4	305 / B	REPLACEMENT OF BENDIX FUEL DIAPHRAGM ASSY	NEW OR NEWLY O/H INSTALLED	N/A-Once	2
75-09-15	382	BENDIX FUEL INJ RS-43 INSP OF MOD OF FLOW DIVIDERS	NEW P/N GASKET INSTALLED	N/A-Once	2
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
87-10-06 / R1	477 / A	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY	NEW CONFIGURATION P/N INST.	N/A-Once	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
2003-14-03	529 / B	ROTARY FUEL PUMP TORQUE.	NEW PUMP WITH "/M" SUFFIX INSTALLED	N/A	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



PARTIAL MAINTENANCE RELEASE

MAKE Husky A1C Lycoming

MODEL IO-360 UNIT NAME Cylinder

I CERTIFY THAT THE REPAIR AS LISTED ON THE REVERSE HEREOF MADE TO THE UNIT IDENTIFIED ABOVE WAS MADE AND INSPECTED IN ACCORDANCE WITH PART 43 OF THE UNITED STATES FEDERAL AIR REGULATIONS AND APPROVED FOR RETURN TO SERVICE.

DETAILS ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 16116

INSPECTOR [Signature] DATE 06/18/2014

CENTRAL CYLINDER SERVICE INC.
CERTIFIED REPAIR STATION MY2R022L
6315 LINDBERGH DRIVE
OMAHA, NEBRASKA 68110
(402) 451-6468

AFTT: 61.8
TSOH- N/A
TSOH- N/A
d detail as set forth by 14
ction line p/n LW- 12098-

Removed cylinders due to glazing. Reinstalled cylinders after repair (honed) by Central Cylinder Service, CRS# My2R022L, under W.O.# 16116. Installed cylinders with new piston rings & gasket kits. Installed new rocker cover gaskets p/n RG-67193. Installed new exhaust gaskets p/n 77611. Installed new #2 oil return line p/n 72703. Installed Reiff Preheat System.

Ground run completed for performance and leak checks, no discrepancies were noted at this time.

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

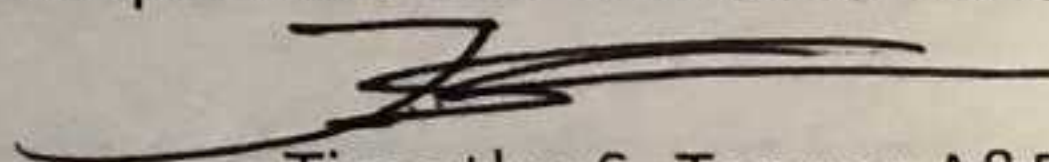
[Signature]
Timothy S. Tanner A&P26902091A

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July 04, 201
N65WY
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INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.		
July 13, 2014				
N65WY	A-1C-200	S/N- 3183	Tach: 61.8	AFTT: 61.8
Lycoming	IO-360-A1D6	S/N- L-36035-51E	TT- 61.8	TSOH- N/A
Hartzell	HC-C2YR-1BF/F8477-4	S/N- N51337B	TT- 61.8	TSOH- N/A
<p>Completed an Annual Inspection this date utilizing a checklist conforming to the scope and detail as set forth by 14 CFR, Part 43, Appendix D.</p> <p>Complied with AD2011-26-04 by visual inspection of fuel injection lines. Replaced #4 injection line p/n LW- 12098-0-210 due to chaffing damage. Next inspection due @ 161.8</p> <p>Compression readings taken: (#1-76/80) (#2-75/80) (#3-76/80) (#4-76/80)</p> <p>Changed oil and filter. Added 8qts Aeroshell 100 Mineral Oil, & 1ea CH48108-1 filter.</p> <p>Checked magneto timing. Cleaned, gapped, tested, & reinstalled spark plugs with new M674 spark plug gaskets.</p> <p>Removed cylinders due to glazing. Reinstalled cylinders after repair (honed) by Central Cylinder Service, CRS# My2R022L, under W.O.# 16116. Installed cylinders with new piston rings & gasket kits. Installed new rocker cover gaskets p/n RG-67193. Installed new exhaust gaskets p/n 77611. Installed new #2 oil return line p/n 72703.</p> <p>Installed Reiff Preheat System.</p> <p>Ground run completed for performance and leak checks, no discrepancies were noted at this time.</p> <p>I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p>				


 Timothy S. Tanner A&P26902091A

June 22, 2014
 N65WY
 Lycoming
 Hartzell
 Completed an Annual Inspection
 CFR, Part 43, Appendix D
 Complied with AD2011-26-04
 0-210 due to chaffing damage
 Compression readings taken
 Changed oil and filter
 Checked magneto timing
 Installed new spark plug gaskets
 Ground run completed
 I certify that this Engine is in
 airworthy condition

July 04, 2016
 N65WY
 Lycoming
 Hartzell
 Completed an Annual Inspection
 CFR, Part 43, Appendix D
 Complied with AD2011-26-04
 discrepancies were noted
 Compression readings taken
 Changed oil and filter
 Checked magneto timing
 Ground run completed
 I certify that this Engine is in
 airworthy condition