

#3

AIRCRAFT
MAINTENANCE
RECORD
SYSTEM

THE **adlog**TM

**ENGINE
MAINTENANCE
RECORDS**





ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N1885G

Engine Manufacturer Lycoming

Model I0-360-A1B6D

Serial No. L-9709-51A

Date installed on aircraft 4-15-2008

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

- Right Left
 Front Rear



AEROTECH PUBLICATIONS INC.

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Aerodyne Corporation

5198 W. Military Highway
Chesapeake, VA 23321
(757) 488-2898 Office

Engine Make: Lycoming Model: IO-360-A1B6D

Serial Number: L-9709-51A W/O No. 18266 & 18273 Date: 04-23-2008

Warranty Start Date: 04-23-2008 Warranty End Date: 10-30-2008 Invoice No. _____

Aircraft engine overhauled per: Lycoming Direct Drive Engine Overhaul Manual No. 60294-7

Engine and accessories were overhauled to "**Factory New Tolerances**". See attached for Airworthiness Directive and Service Bulletin compliance. Total Previous Time on Engine: 2806.1

This engine meets the requirements of Lycoming Service Instruction No. 1009AQ for 2000 Hours TBO.

The accessories listed below were supplied with this engine.

	Part No.	Serial No.	Part No.	Serial No.
Magneto	10-382555-11	G103207	Prop Gov:	C290D3K/T12
Alternator	DOFF103001	A5736	Vac. Pump	215CC
Harness	M2915	N/A	Flow Divider	2524219-2
Fuel Pump:	AF15473	F002560		
Inj/Carb:	2524054-11	28340		
Starter:	149-NL	FN-510722		

Maintenance Release

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this repair station on the above repair order.

Signature: _____


J.R. Smith

J.R. Smith

Repair Station Number: HOIR-199K

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				<p>MODEL: IO-360-A1B6D SN: L-9709-51A REG. NO. N1885Q R/O: 18273</p> <p> Aerodyne Corporation Repair Station No. HO1R-199K 5188 West Military Highway Chesapeake, VA 23321 USA Phone: (757) 486-2898</p> <p>Engine Entries</p> <p>(1) This engine Lycoming IO-360-A1B6D, s/n: L-9709-51A, was disassembled and inspected due to a propeller strike. The inspection was completed under Aerodyne Work Order No. 18266. At the customer's request the engine was overhauled in accordance with Lycoming Direct Drive Engine Overhaul Manual 60294-7. All parts were inspected by fluorescent magnetic particle or fluorescent particle dye penetrant methods. All Airworthiness Directives and Manufacturer's Service Bulletins have been complied with. The engine was reinstalled on N1885Q and ground run up performed. All performance parameters satisfactory. This engine is approved for return to service.....(2) Propeller governor sent to New England Propeller Service for under P.O. No. 495. Governor overhauled by New England Propeller Service under Work Order No. CR-34506. Reinstalled governor after repairs completed.....(3) Installed new engine vibration mounts.....(4) Installed new engine fluid carrying hose kit.....(5) Installed oil filter converter plate kit assembly p/n: 54E23093 and new oil filler p/n: CH48103-1.....(6) Installed factory overhauled vacuum pump p/n: 215CC, s/n: 57033. Pump overhauled by Aero Accessories, Inc. under Work Order No. 58408.....(9) Installed overhauled alternator p/n: DOFF10300J, s/n: A5736. Operational check satisfactory.....(10) Installed new starter ring gear on flywheel.....(11) Complied with AD 2008-06-51 determined to be not applicable by the repair / overhaul vendor. Does not apply to gaskets installed by AVSTAR</p> <p>The aircraft, engine, propeller or component identified hereon was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.</p> <p>DATE: 4/23/2008 SIGNED: <i>J.R. Smith</i> Repair Order: 18273 J.R. Smith Certified Repair Station No. HO1R-199K Printed by EBIS 3 (datamedia.com)</p>
4-24-2008				<p>Performed aircraft evaluation flight and found to be satisfactory</p> <p><i>J.R. Smith</i> Comm. Feb 07 2784397</p>
9-3-08	2820.5	14.4	2820.5	<p>Charged oil w/ Phillips XC 20-50 and CH 48103-1 oil filter for h. Lydon</p>
10-24-08	2824.8	18.7	2824.8	<p>1. COMPRESSION TEST No. 1 CYL-75/80 No. 2 CYL-74/80 No. 3 CYL-76/80 No. 4 CYL-75/80</p> <p>2. CHANGED AIR FILTER FILTER PART BA-5705</p> <p>3. RTR WIRING BUNDLE CLAMP TO ENG MOUNT</p> <p>Rud up ops station OK.</p> <p><i>C. H. Y. Cannon III</i></p>
				<p>SUB-TOTALS this page 2773500578</p> <p>TOTALS-Carry forward to next page</p>

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					<p>DATE: 3/18/2009 A/C TSN: 2829 3 ENG TT: 2829 3 TACH: 2829 3</p> <p>Aerodyne Corporation Repair Station No. HO1R-199K 5198 West Military Highway Chesapeake, VA, 23321 USA Phone: (757) 488-2898</p> <p>Engine Entries (1) Removed oil filter and oil filter adapter and inspected seal and face of housing. Removed slight burr from lower seal face on accessory housing. Reinstalled oil filter adapter and filter. Performed engine ground run and leak check and found to be satisfactory.....(3) Secured engine air baffling between #2 and #4 cylinders.....(4) Installed new SCAT air hose from left muffler shroud to Y pipe. Secured with adel clamps.</p> <p>The aircraft, engine, propeller or component identified hereon was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.</p> <p>SIGNED: <i>J.R. Smith</i> J.R. Smith Certified Repair Station No. HO1R-199K Work Order: 18722 Printed by EBIS 3 (datamedia.com)</p>
11-10-09	2843.3	37.2	2843.3		<p>1- COMPRESSION TEST No.1 CYL. 75/80 No.2 CYL. 75/80 No.3 CYL. 74/80 No.4 CYL. 74/80 2- CHANGED OIL & FILTER INSTALLED 8 QTS. AEROSHELL 15W50. 3- INSTALLED NEW AIR INLET FILTER ELEMENT P/N BA-5705 4- REWOUND OPS & LK CK OK. C.Y. L. Leann IA 24350578</p>
12-21-10	2865.5	59.4	2865.5		<p>1. COMPRESSION TEST No.1 CYL. 75/80 No.2 CYL. 74/80 No.3 CYL. 75/80 No.4 CYL. 74/80 2- CHANGED OIL & FILTER, INSTALLED 8 QTS. AEROSHELL 15W50 3- INSTALLED NEW AIR INLET FILTER ELEMENT P/N BA-5705 4- REPLACED CAT-12 DUST FROM AIR INLET TO MUFFLER P/N 05-29812 C.Y. L. Leann IA 24350578</p>
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2011				TOTALS brought forward from previous page
12-6	2879.5	73.4	2879.5	1- COMPRESSION TEST No. 1 CYL. 75/80 No. 2 CYL. 74/80 No. 3 CYL. 75/80 No. 4 CYL. 74/80 2- CHANGED OIL & FILTER & OILS AEROSHELL 15 W50 3. CHANGED AIR INLET FILTER ELEMENT P/N BA-5705 RUNUP OPS & LK LK OK. C. V. Y. Lamm IA 243500578
2012 12-4	2895.4	89.3	2895.4	1- COMPRESSION TEST No. 1 CYL. 75/80 No. 2 CYL. 74/80 No. 3 CYL. 74/80 No. 4 CYL. 74/80 2- CHANGED OIL & FILTER 3. CHANGED AIR INLET FILTER ELEMENT P/N BA-5705 4- CHANGED No. 3 EXH. GASKET DUE TO LEAK. C. V. Y. Lamm IA RUNUP OPS & LK OK 243500578
2013 12-6	2911.7	105.2	2911.7	1- COMPRESSION TEST No. 1 CYL. 74/80 No. 2 CYL. 75/80 No. 3 CYL. 73/80 No. 4 CYL. 74/80 2. CHANGED OIL & FILTER 3. CHANGED AIR INLET FILTER P/N BA5705 4. OIL RETURN LINE FROM RECKER BOX TO SUMP, LEAKING AT 45° FITTING. TIGHTENED 'B' Nut. C. V. Y. Lamm IA 243500578

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2014				
12/27	2927.5	121.0	2927.5	Drained Oil, Replaced Oil Filter CH 48103-1, Serviced w/ 8qts Aeroshell 15w-50 + 13oz Cam Shim Removed Spark Plugs Cleaned and Cap checked. Cut oil filter and inspected no metal noted. Replaced Breather Element Performed Compression Check #1 76/80 #2 76/80 #3 76/80 #4 78/80. Performed Run Up Leak and OSS check Good. No defects noted I certify that this engine has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition. Barbara A Hoffman AP334084814
2015				
12/14	2943.8	137.3	2943.8	Removed Spark Plugs Clean + Gap ch ok. Reinstalled Plugs. Performed Compression Test #1 77/80 #2 78/80 #3 72/80 #4 77/80. Changed Air Inlet filter PN BA-5705. Drained Oil, Replaced Filter PN CH 48103-1. Torqued + Sealed. Serviced w/ 8qts Aeroshell 15w-50. Cut old oil filter open, inspected and found to be normal. Perform leak + ops No defects noted. I certify that this engine has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition. Barbara A Hoffman AP334084814

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2016				TOTALS brought forward from previous page	
12/19	2959.0	152.5	2959.0		Drained oil, Replaced Oil Filter of CH48103-1, Serviced w/ Aeroshell 15W-50. Removed spark plugs cleaned and set gap. Performed Compression Test #1 7/80 #2 7/80 #3 7/80 #4 7/80. Reinstalled Spark Plugs. Changed Air Inlet Filter PN BA-5705. Cut old oil Filter Open. No Metal Noted. Ran up Engine, leak and OPS ok good. I certify that this Engine has been inspected thru a 100 HR inspection was determined to be in an airworthy condition. Barbara R. Huffman AP3340848 IA
2019	2981.0	172.5			Compression ok c/w #1 7/80 #2 7/80 #3 7/80 #4 7/80 Removed Spark Plugs Cleaned + Gap Reinstalled Plugs. Drained oil, Replaced oil filter w/ CH 48103-1. Serviced w/ 8Qts Aeroshell 15W-50. Cut old oil filter Open. No Metal Noted. Changed Air Inlet Filter PN BA-5705. Ran up Engine. Leak and ops ok good. I certify that this Engine has been inspected thru a 100 HR inspection was determined to be in an airworthy condition. Barbara R. Huffman
2/25					BARBARA A. HUFFMAN AP3340848 IA

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N1885Q March 20, 2019 Tach 2997.5 SMOH 188.5

Removed Plugs, Cleaned and Gapped. Performed Compression Check: #1 77/80, #2 78/80, #3 78/80, #4 76/80. Drained oil, R&R filter CH 48103-1. Serviced with 7 quarts of Aeroshell 15W50. R&R Air Filter BA-5705. Engine runup cw, leak and ops check good. I certify that this Engine has been inspected IAW a 100Hr Inspection and was determined to be in an airworthy condition.

Barbara A. Huffman
Barbara A. Huffman A&P 3340848 IA

N1885Q April 10, 2020 Tach 3021.7 SMOH 212.7

Removed Plugs, Cleaned and Gapped. Performed a Cold Compression Test: #1 78/80, #2 75/80, #3 74/80, #4 76/80. Drained oil, R&R filter CH 48103-1. Serviced with 7 quarts of Aeroshell 15W50 and 11oz. Camgaud. R&R Air Filter BA-5705. Engine runup cw, leak and ops check good. I certify that this Engine has been inspected IAW a 100Hr Inspection and was determined to be in an airworthy condition.

Barbara A. Huffman
Barbara A. Huffman A&P 3340848 IA

N1885Q July 01, 2020 Tach 3028.0

Replaced Vacuum Pump PN 211CC SN 190313 FAA- P-8740-52 Safety Warning given to aircraft owner.

Barbara A. Huffman
Barbara A. Huffman A&P 3340848 IA

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