

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



Date: 8-24-2018 W/O: 30960 Tach: 5613.3 Model: LTSIO-360-KB S/N: 812156-R
 This is to certify that the engine identified above was overhauled in accordance with current regulations of the FAA and was approved for return to service. Pertinent details of the overhaul are on file at the repair station.

Overhauled this engine in accordance with overhaul manual. Disassembled, cleaned and inspected all parts. Magnafluxed steel parts and zygloed nonferrous parts. Balanced engine. Overhauled both Bendix magnetos. Overhauled turbocharger by Main Turbo. Overhauled Airesearch pressure relief valve. Fuel injection system was overhauled and recertified by Great Planes Fuel Metering. (See release). Installed new ignition harness and spark plugs. Installed new Continental cylinder assemblies. See attached sheet for additional parts replaced. Assembled and test run engine-checked OK. SB/AD compliance sheets attached.

HORIZON AIRCRAFT ENGINE SERVICES, INC. DBA BOLDUC AVIATION
 F.A.A. Approved Repair Station YZ8R163C
 8891 Airport Road, Minneapolis, MN 55449

Authorized Signature

See back of book for
 Overhaul attachments and
 8130-3 certs.

DETROIT LAKES

24813 Hwy 10W
 Detroit Lakes MN 56501

Right engine
 N4293X August 15, 2018 Hobbs 5613.3 ETT 1658.2 TSOH 0.9

Engine overhauled by Bolduc Aviation, Blaine MN. See WO# 30960 for details. Installed engine LTSIO-360KB6 S/N 812156-R on airframe N4293X. Overhauled the turbocharger P/N 646396 S/N TR0101003 at Main Turbo Systems, Visalia CA. See WO# 55318 for details. Serviced engine with 10 quarts of Aeroshell 100 mineral oil. Ground ran aircraft. Operational and leak checks good. Ad search complied with thru this date.

I certify that this aircraft engine has been inspected in accordance with 100 hr. inspection and was determined to be in airworthy condition.

Signed Erik Carlson Date 8-15-18
 Erik Carlson A&P 2826620

DETROIT LAKES

24813 Hwy 10W
 Detroit Lakes MN 56501
 Right Engine
 N4293X Hobbs 5642.9 ETT 1687.8 TSOH 30.5 September 5, 2019

Performed compression check. Results as follows: #1-78/80, #2-78/80, #3-74/80, #4-78/80, #5-65/80, #6-78/80. Drained oil. Replaced filter with new CH 48108-1. Cut old filter. No unusual contaminants noted at this time. Serviced with 8 quarts of Aeroshell 15W50. Replaced all rocker cover gaskets with APS-665704-S-3 silicone gaskets. Ground run and operational checks satisfactory. AD search complied with thru this date. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Sign Erik Carlson Date 9-5-19
 Erik Carlson A&P 2826620