

The Standard Engine Log
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Engine Record General Information

Manufacturer TEXTROP LYCOMING Model F0-360 A1B60

Serial L22439-S1A Type Certificate _____

This engine is currently installed in aircraft N2050Q

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

DATE 19 <u>86</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<u>44</u>	<u>3011.8</u>		<u>999.6</u>	<p>REPLACED OIL FILTER ELEMENT CH-100 AND SERVICED ENGINE WITH 15-50W AERO SHELL. COMPRESSION TEST 1 THRU 4 AS FOLLOWS 79, 79, 75, 78 lbs. I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in air-worthy condition.</p> <p>CHECKED ADS THRU ISSUE 9605.</p> <p>JA 212526054</p> <p>Tach reading: <u>3011.8</u></p> <p>Total Time: <u>999.6</u></p> <p>Date: <u>44-86</u></p>

DATE 19 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	<u>3021.1</u>		<u>3021.1</u>	<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY. (CHECKED ADS THRU ISSUE 97-11. SERVICED ENGINE WITH AERO SHELL 15-50W. COMPRESSION TEST 1 THRU 4 WERE SOLID AS FOLLOWS (1. 74 2. 78 3. 72 4. 74)</p> <p>TSLA 19.3</p> <p>TSLD 1018.9</p> <p>JA 212526054</p>

DATE 1998	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-13-98	3046.5		1034.3	SMOH Compr. CK 1 ⁷⁴ / ₈₀ 2 ⁷⁴ / ₈₀ 3 ⁸⁰ / ₈₀ 4 ⁶² / ₈₀ magnets CK @ 25°C. injectors rem + cleaned, Spark plugs rem + cleaned / gapped. Oil chg 8QTS AS15W50 and Champion element CFO-100 installed. ADS CW TRAK 98-05.
				I CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION, AND WAS DETER- MINED TO BE IN AIRWORTHY CONDITION. <i>Jan Blom</i> AIP105443342JA

DATE 1999	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
SEPT. 08, 1999	3174.8	-	1162.6	PERFORMED ANNUAL INSPECTION ON ENGINE. L/W AD 93-02-05 ON FUEL INJECTOR LINES BY INSP. NO DEFECTS NOTED. COMPRESSION CHECK AS FOLLOWS #1) ⁷⁸ / ₈₀ , #2) ⁷⁵ / ₈₀ , #3) ⁷⁴ / ₈₀ , #4) ⁷¹ / ₈₀ . DRAINED OIL, REMOVED AND CHECKED OIL FILTER ELEMENT AND OIL SWAYON SCREEN, BOTH OK. SERVICED ENGINE WITH 8 QTS AEROSHELL 15W50 AND ONE CPO-100 FILTER ELEMENT. REPLACED #2 AND #3 ROCKER BOX COVER GASKETS. REPLACED ALL SPARK PLUGS WITH NEW, RHM3BE. REPLACED GASKETS AND SEALS ON #1 AND #3 INTAKE TUBES. TIGHTEN LOOSE BOLT ON GOV. ROD END. CLEANED ENGINE. LUBED ENGINE CONTROLS. OPS AND LEAK CHECK OK ON RUN-UP. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. -END
				<i>John J. Met</i> AIP 10647282A

DATE	REGISTRATION TAG NO.	TRUCK #	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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1-2-01 30079 | 1196.0

- ADJUST. VALVES/TYRES
- 1 Compression check, #1 70/80, #2 72/80, #3 73/80, #4 71/80.
 - 2 Replaced spark plugs (checked gaps, installed, and reinstalled)
 - 3 Checked fuel injection
 - 4 Replaced and replaced oil filter, pin (X-11)
 - 5 Tightened oil sump base clamp
 - 6 Replaced two worn lower baffle springs
 - 7 Replaced two broken bracket fasteners on sump
 - 8 Replaced one broken land sump nut
 - 9 Replaced small crack in engine baffle near front of alternator
 - 10 Checked mag to engine timing @ 25 deg. BTDC
 - 11 Replaced crossover seal duct between mufflers
 - 12 Replaced torn seal around oil inlet duct

John P. ... AP 1054437421A

DATE	Eng. M/N:	Eng. S/N:	Eng. T.I.:
10	IO-360-A1B6D	L-22439-51A	Not supplied
	Tach:	Not supplied	Date: 5/9/01

Disassembled, cleaned, inspected as required to check for abnormal wear, none found. Re-assembled engine using parts as listed below in accordance with data approved by or acceptable to the FAA. Cylinders were reinstalled as removed. Engine was not test run.

1 06B21021 Spring, 1 06B23072 Gasket, 1 56K21022 Spacer, 2 72801R Overhauled Cwt's, 4 73772 Nozzles, 1 73810-P15 Bushings, 3 73810 Bushings, 1 76539 Seat, 8 AEL12186 Rod nuts, 1 AN-8-14A Crankgear bolt, 1 AS06K19423-B Oil pump gear kit, 1 A 1 AB18840 New cam, 1 IO-360 Overhauled crankcase, 1 CFO100 Oil filter, 1 LW-10320 Sleeve, 1 MS16625-1100 Snap ring, 1 MS16625-2081 Snap ring, 4 SL11020 M03 Bearings, 1 SL12944 Gasket set, 8 LW-13212 M03 Rod bearings, 4 SL13444-1 Piston pins, 2 SL13641 Mag cushions, 8 SL14820 Snap rings, 2 SL14W21696 Roller, 1 SL53E19600 Vernatherm, 8 SL71907A Washer, 2 SL-72797 Roller, 8 SL72877 Lifter body, 8 SL75060 Rod bolts, 4 STD-2013 O-rings.

Refer to work order number listed below

Penn Yan Aero Service, Inc.
2499 Old Bath Road
Penn Yan, New York 14827
WO# 7039-01



FAA Approved Repair Station #NJ1R350K
[Signature]
Authorized Signature

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
NOV 4	-	1200.2		RE-INSTALLED ENGINE, LTuning 10-360-A186D, SERIAL
NOV 11	1-23	139-514		AFTER REPAIR BY PLANNING AFD, WORK ORDER #
NOV 11	1776			RE-INSTALLED ON AIRFRAME, N30504, LRU-A 1776, SERIAL
				NUMBER 1776, SERVICABLE ENGINE INSTALL MOUNTS. ENGINE RE-
				INSTALLED ON AIRFRAME IN ACCORDANCE WITH LEGINA CARDINAL RC
				SERIES SERVICE MANUAL, SECTION 11 A-D 13. REPAIRED ALL SPARK PLUGS
				AND REPAIRED IGNITION WIRESS, M-2915. RE-INSTALLED SERVICABLE
				FUEL SYSTEM REPAIRED ALL REMOVED GASOLINE. SERVICED ENGINE WITH
				NEW OIL AND OIL AND OIL CR-104 OIL FILTER. OPS A-D 1274
				UNLESS AS BY ENGINE, NO SEALS. ENGINE OPS CHECK OK. -END-

[Signature]
A4P15647258

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
NOV 11	3233.4		1221.2	I certify that this engine has been inspected
				IAW an annual inspection and was determined
				to be in airworthy condition. Jerry Han APIC 433421A
				compression check #1 76/80 = 2 77/80 = 2 80
				#2 76/80 = 2 77/80 = 2 80
				Annual inspection this date. Jerry Han APIC 54433421A
DEC 7	3262.6		1250.4	I CERTIFY THAT THIS
				ENGINE HAS BEEN INSPECTED
				IN ACCORDANCE WITH AN ANNUAL
				INSPECTION, AND WAS DETER-
				MINED TO BE IN AIRWORTHY
				CONDITION.

[Signature]
APIC 54433421A

DATE 2004	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Dec 10, 2004	3272.2		1260.0	Oil filter change 8QT AS15W50 + Champion CF0-100 filter. Retorque oil dipstick tube. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Joe R. [Signature] AP1054433421A

DATE 2004	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-15	3281.4		1264.2	I certify that this engine has been inspected IN ACCORDANCE WITH AN ANNUAL INSPECTION, AND WAS DETER- MINED TO BE IN AIRWORTHY CONDITION. Joe R. [Signature] AP1054433421A

DATE 19 2009	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Apr-13-2009	331.6		1299.4	Annual inspection this date. Comp. Check. #1 73/80 #2 75/80 #3 73/80 #4 72/80 Oil + FILTER change CFO-100 + 8QT's Phillips 20W50 ADS compliant through April 2009.
				I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>annual</u> INSPECTION, AND WAS DETER- MINED TO BE 'N AIRWORTHY CONDITION.
				<u>John R. Ham</u> AP1054433421A

DATE 19 2010	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Apr-29-10	3324.7		1312.5	Annual inspection this date. Compression ck: #1 78/80 #2 78/80 #3 78/80 #4 71/80 Oil + filter change. 8QT's Phillips 20W50 and Champion CFO-100-1 filter. Run up + leak check was good. All ADS current through April 2010
				I CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>annual</u> INSPECTION, AND WAS DETER- MINED TO BE 'N AIRWORTHY CONDITION.
				<u>John R. Ham</u> AP1054433421A

DATE 19__ 2011	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-9-11	3232.0		1320.8	Annual Inspection, Compression Check #1 74/80 #2 74/80 #3 74/80 #4 74/80 Air filter change CPO-100-1 + 7Q1s Phillips 20w50 oil. Replaced alternator noise filter, replaced induction air filter. engine Annual Joe R. Han AP 10514433421A

DATE 19__ 2012	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-1-2012	3338.0		1326.8	Annual Inspection this date. Compression checks #1 75/80 #2 76/80 #3 78/80 #4 74/80 tightened fuel strainer control bracket. Removed engine air filter Assy + installed Brackett Air filter Assy pn BA 5740 Rem + vacuum pump. w/overhauled pump pn 211CC. All AD's current through May 2012. I CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION, AND WAS DETER- MINED TO BE IN AIRWORTHY CONDITION. Joe R. Han AP 10514433421A

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-12-03	3340.7		1329.5	Compression check: #1 78/80 #2 73/80 #3 72/80 #4 74/80. inspected muffler, + intake plenum + rem + inspected spark plugs + reinstalled
				I CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Visual</u> INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<i>Joe [Signature]</i> AP 1054433421A

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-27-2014	3341.9		1330.7	Comp ck #1 77/80 #2 76/80 #3 75/80 #4 74/80
				I CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Visual</u> INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<i>Joe [Signature]</i> AP 1054433421A

