

2

ENGINE LOG

EF5-1

ENGINE DESCRIPTION

MANUFACTURER Lycoming MODEL IO-540-KIAS

SERIAL NUMBER L-12032-48 DATE OF MANUFACTURE _____

RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE 100LL

REGISTERED OWNER LAKE SIDE AVIATION INC

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Jan 31, 1996	TACH 3676.88	Complied with AD # 95-26-13 by inspection of fuel- al hoses. All hoses were changed June 30, 1994 TACH 3546.0 Tom Sabat 93445544 AP-IA
June 6, 1996	TACH 3710.01	CHANGED OIL & FILTER. INSPECTED FILTER & REINSTALLED a CH 48110 FILTER. 10 QTS 15-50 AeroShell. Tom Sabat 93445544 AP-IA
Sept 19, 1996	TACH 3739.54 TTS/STOH 1724.44	Eng compression NOT at 80 LBS. #1-65 #2-75 #3-75 #4-75 #5 65 #6-75 Fuel screen checked for contamination. AD # 96-12-07 CW BY INSPECTION of LH MAGNETO IMPULSE COUPLING. BOTH MAGS TINED to 20° BTDC. INSTALLED NEW GSKTS BOTH MAGS. INSPECTED muffler for condition. INSTALLED SEVEN SPARK PLUGS IN NEW CONDITION

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		INSPECTED ENGINE CONTROLS & LUBED SAME. INSPECTED ENGINE mounts for condition. REPLACED O-RING & OIL ACCEL STICK. ENGINE OIL CHANGE COMPLETED AT 3710.01, June 96. AD'S COMPLIED WITH THRU THIS DATE. AD # 91-21-01 RNA BY ENGINE MODEL.
		Date <u>Sept 18, 96</u>
		Tach <u>3739.54</u> Total Time <u>3739.54</u>
		SMOH <u>1724.44</u> STOH <u>1724.44</u>
		I certify that this aircraft/engine has been inspected in accordance with an annual inspection and was deter- mined to be in an airworthy condition.
		<u>Tom Sabat</u> A&P 93445544 IA
		OCTOBER 11, 1996 TACH. 3756.12. CHANGED OIL & FILTER. INSTALLED 10 QTS 15-50 AeroShell & 1 EA CH 48110 FILTER. Tom Sabat AP 93445544 AP-IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
February 19, 1997	TACH TIME - 3785.51	Reported overspeed of 3000 RPM TACH. Determined ops to be caused by oil congealing due to low OAT. Complied with SB 3691. Engine compression this date as follows. #1- 70/80 #2- 75/80 #3- 75/80 #4- 75/80 #5- 75/80 #6- 75/80. Inspected oil filter for contamination found none. Drained and replaced oil & filter with 15-50 Aeroshell. Found no mechanical problems as specified in SB 3691 present at this time. Engine runs as normal. I have determined this engine to be in airworthy condition as oil level has returned it into service.
		Tom Sabat 93445544 APJA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4/4/97	T.T.A.C. 3825.8	REMOVED RIGHT MAGNETO, ADJUSTED POINTS, REINSTALLED AND TUNED BOTH MAGS TO 20° BTC. INSTALLED THREE (3) NEW R4M38E'S. Robert Willard #2225963
MAY 8, 1997	TT 7022.01 TSMOH 1820.71	DRAINED OIL & CH 48110 FLTE. OIL RETURN RUB. WATER LEAKS Rep. PART # 2870 S/N To service

MANUFACTURER RELEASE CERTIFICATE

D.O.T Approval
No. 42 - 90

Insight

FORT ERIE, ONTARIO L2A 5M1

Product Name: EGT Probe
Part No.: 2870
Software Level: N/A

Manufacturer: INSIGHT
Serial No.: 59860
Mod: N/A

THE AERONAUTICAL PRODUCT DESCRIBED HEREON CONFORMS TO APPROVED TYPE DESIGN DATA AND IS IN A CONDITION FOR SAFE OPERATION

For D.O.T. USE

APPROVED FOR EXPORT

AUTHORIZED INSPECTOR

D.O.T. AIRWORTHINESS REPRESENTATIVE

04/31/95
DATE
DATE

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
February 19, 1997	TALK TIME - 3785.51	
		Reported overspeed of 3100 RPM TACH. DETERMINED Q'S TO BE CAUSED BY OIL LOGGALING DUE TO LOW OAT. CONTROLLED WITH SB 3691. ENGINE COMPRESSION THIS DATE AS FOLLOWS. #1- 70/80 #2- 75/80 #3- 75/80 #4- 75/80 #5- 75/80 #6- 75/80.
		INSPECTED OIL FILTER FOR CONTAMINATION FOUND NONE. DRAINED AND REPLACED OIL & FILTER WITH 15-50 ACROSSALL. FOUND NO MECHANICAL PROBLEMS AS SPECIFIED IN SB 3691 PRESENT AT THIS TIME. ENGINE RUNS AS NORMAL. I have determined the engine to be in generally condition as an oil bowl returned it into service
		Tom Saker 93445544 AP-IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4/4/97		REMOVED RIGHT MAGNETO, ADJUSTED POINTS, REINSTALLED AND TUNED BOTH MAGS TO 20° BTC. INSTALLED THREE (3) NEW R4M38E'S.
T.T.A.C.	3825.8	
		Robert Williams #2225963
MAY 8, 1997	TT 3835.81 TSMON 1820.71	
		DRAINED OIL & REPLACED OIL & FILTER WITH 10 QTS Aero 15-50 & CH 48110 FILTER. INSPECTED OIL FILTER. REMOVED & REPLACED OIL RETURN RUBBER CONNECT HOSES. RESEALD WINDSHIELD FOR WATER LEAKS. REPLACED #2 EGT PROBE WITH NEW INSIGHT PART # 2870 SN 59860 probe. Engine ground run & returned to service
		Tom Saker 93445544 AP-IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
May 17, 97	TACH 3838.49.	CLEANED & ROTATED SPARK PLUGS. CLEANED SPARK PLUG HEAD ENDS. CLEANED CONNECTIONS ON #2 CYL CHT PROBE. Ground run engine. Tom Sabara 93445544 IA
July 4, 1997	TACH 3884.37.	Engine oil changed. Filter removed & inspected. INSTALLED 10 QTS 15-50 Aeroshell & (1) CH 48110 OIL FILTER. Inspected General condition of Engine. Tom Sabara 93445544 AP-IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
July 11, 1997	TACH 3887.45.	REMOVED INJECTOR NOZZLES & CLEANED. INSTALLED NEW AIR Baffle MATERIAL. REMOVED PROP & CLEANED INTERIOR OF SHAFT & CRANK. INSTALLED NEW ALTERNATOR BELT. WASHED ENGINE & LUBED CONTACTS GREASED PROP WITH AEROSHELL 22. Tom Sabara 93445544 IA
Sept 30, 1997	TACH 3931.71 1916.61 SNCH.	Compression (HAT) #1 - 75/80 #2 - 75/80 #3 - 70/80 #4 - 75/80 #5 70/80 #6 75/80 Timing rechecked & set at 20° BTDC. INSTALLED NEW RE440E PLUGS ALL BOTTOM CYLS. CLEANED & GAPED ALL TOP PLUGS. CLEANED IGNITION HARNESS TIP. INSPECTED EXHAUST SYSTEM. JAP MOUNTS - CONTROLS - Baffles - AD # 9701-03 Piston Pin NA to this Eng at present time. ENGINE OIL CHANGE w/ 10 QTS 15-50 & CH 48110 Filter at this time. NO AD'S connect at this time. I certify this engine has been inspected in accordance with an annual inspection and is determined to be in airworthy condition. Tom Sabara 93445544 AP-IA