

ENGINE LOG BOOK



Publication ELB-01

NOV 2013

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	

Record maintenance actions including engine part removal, installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

FINEFIELD AVIATION

ENGINE LOG

DATE: 10-17-18

A/C N#	MAKE	MODEL	A/C SN	TACH	TSMOH
8552R	Beech	F33A	CE-533	5149.4	0

Cleaned engine compartment, painted top half of firewall dull aluminum and polished stainless heat box on firewall. Replaced rivets on top left and right sides of engine shelf. Installed "D" Shannon running board baffling kit. Installed new prop, mixture and throttle controls. Installed a factory rebuilt IO 550-B s/n: 1036185 using new lard mounts and hoses. Installed a new "D" Shannon baffling kit L.A.W. S.T.C. SA368C. Installed a new prop governor from Aero Technologies model #PCU5000 p/n: ATD210760 s/n: 183048 using a new gasket. Reinstalled vacuum pump p/n: 216CW s/n: 150578 from old engine having 269.6 hrs. on it. Installed using a new gasket. Sent the right muffler to Dawley Aviation for muffler repair and reinstalled. Relocated factory CHT probe and wiring from #3 cylinder to #2 cylinder L.A.W. "D" Shannon drawings. Installed "D" Shannon cowl inserts in left and right top cowls. Cleaned and prepped cowl doors and painted with 2 part 7817 white commercial performance box to match cowls. Installed Reiff Preheat system on engine and mounted electrical plug to front of engine and secured. Polished breather and vacuum lines and installed using new hoses. Connected, rigged and safetied engine controls. Sent McCauley Propeller for flushing by Tiffin Propeller model 3A32C406-C s/n: 901664 and reinstalled using a new seal and torqued. Replaced all seals in oil drain assembly. Replaced cowl anti chafe tape where necessary. Added 11 qts. Phillips 20-50 Type M oil. Preoiled engine. Replaced alternator exhaust duct at baffling. Installed a new Molex plug set at fuel flow transducer. Ran up engine and checked for leaks found none. Adjusted takeoff fuel flow, idle and idle mixture. Test flew for 1 hr., checked for leaks and operation. Checked ok.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: *Jim Finefield* Printed Name: James Finefield AP 353483286 IA
For: Finefield Aviation, 6399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

Finefield Aviation

ENGINE Log

Serv Date: 3/16/20

4123

Aircraft	Type	S/N:	Tach:	TSMOH:	TTAF:	Hobbs
8552R	Beech-F33A	CE-533	0	60.7	10620.1	5210.1

I certify this Engine has been inspected L.A.W. with an ANNUAL INSPECTION, and was determined to be in airworthy condition, L.A.W. the Beech maintenance manual. Compression test: 1) 76/80, 2) 74/80, 3) 77/80, 4) 75/80, 5) 75/80, 6) 76/80. | Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 11 qts. 20W/50 Phillips oil. | Checked the magneto timing to specs. | Cleaned the fuel controller inlet screen, reinstalled and safetied. | Cleaned, gapped and rotated the spark plugs. | Cleaned the spark plug harness terminal ends. | Tightened the breather, instrument air, and induction hose clamps. | Installed a new induction air filter element. | Dressed the propeller blade leading edges. | Washed down engine. | Ran up and checked for leaks found none. | Pressure checked engine fuel system and found no leaks. |

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: *Jim Finefield* Printed Name: James Finefield AP 353483286 IA

For: Finefield Aviation, 6399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

4123

SERVICEABLE

~~Pertinent~~ details of the exhaust system component repairs are on file at this repair station under:

Name Finfield Av

Work Order No. 117,942

Date 9-25-18

Inspected by SK Dawley

Dawley Aviation

140 Industrial Dr.
Burlington, WI 53105

1-800-338-5420

FAA CRS No. NTSR009N

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Finefield Aviation

ENGINE Log

Serv Date: 7/20/21

4543

Aircraft	Type	S/N:	Tach:	TSMOH:	TTAF:	Hobbs
8552R	Beech-F33A	CE-533	5294.3	144.9	10704.3	5294.3

I certify this Engine has been inspected I.A.W. with an ANNUAL INSPECTION, and was determined to be in airworthy condition, I.A.W. the Beech maintenance manual. Compression test: 1) 66/80, 2) 68/80, 3) 74/80, 4) 72/80, 5) 73/80, 6) 29/80. | Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 10qts. of Phillips 20W50 X/C oil. | Checked magneto timing to specs. | Tightened intake and exhaust flange nuts and bolts. | Tightened valve cover screws. | Tightened induction tube hose clamps. | Installed new inlet and inline instrument filters. | Tightened hose clamps on breather and vacuum systems. | Removed fuel controller screen, cleaned, reinstalled screen and safetied. | Installed a new induction air filter element. | Dressed propeller blade leading edges. | Checked starter brushes and found ok. | Cleaned, gapped, inspected, and reinstalled spark plugs. | Cleaned and installed spark plug wire ends. | Installed a new left muffler using new hardware. | Washed down engine. | Ran up and checked for leaks found none. | Pressure checked engine fuel system and found no leaks. | Lubed engine controls and checked rigging. |

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: *James Finefield* Printed Name: James Finefield AP 353483286 IA

For Finefield Aviation, 6399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

4543

Date: 10/1/2022 N N8552R

Engine Log w/o 52-09-13

5349.16 hobb/TACH 5338.16 TAT 199.76 SMOH

I certify that this engine has been inspected in accordance with an annual inspection (using manufacturers approved insp. procedures) and was found to be in an airworthy condition and released for service. Refer to the AD Compliance Report for the current AD listing.

Changed oil/Filter and added one can of Camguard

Clean/Gap and tested Spark Plugs

Compression 1-74 2-75 3-73 4-70 5 72

6-75 over 80 Cold

Removed/Cleaned Injector nozzles with

Hoppys-Reinstall Torque and Leak CK

Ground run Leak CK and OP CK

John H Steidinger
John H Steidinger

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