



**PROPELLER
SERVICE, INC.**

FAA -PS4R451M

**Burlington - Alamance Regional Airport
Burlington, NC 27215**

Propeller Logbook



**DESCRIPTIONS OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		Hartzell HC-M2TR-1BF S/N QB53B Date: 02-17-22	Inspected Propeller, spinner and bulkhead as part of a conditional Annual inspection, no discrepancies. "I certify this propeller has been inspected as part of an Annual/Conditionial Inspection and was determined to be in an airworthy condition this date. John B. McLanahan [REDACTED]
3/4/23	TACH: 1159.72 TSPDH: 109.42	INSPECT PROPELLER AS PART OF THE CONDITION INSPECTION. NO DEFECTS NOTED I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IAW FAR PART 43 APPENDIX D AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION.	MICHAEL FACHO JR [REDACTED] [REDACTED]



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer Wouder, Michael S Model Harmon Rocket
Serial 2828 Registration Number N69 GT / N85TP
Date of Manufacture 12-28-95

Engine(s) currently installed:

Manufacturer Lycoming Model 10-540 B4B5 Serial L-7798-40
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer Hartzell Model C.S.
HUB Model HC-C2YK1BF Serial CH21650 Serial _____
Blade Model F8477-2 Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

Boshart Enterprises Inc. East

Aircraft N 85TP

W/O No. A58876

Transponder Model GTx 330 SN 84140176

Has been tested IAW Part 91.413 para. a, b, c and found to comply with Part 43 Appendix F.

Encoder Model FT3 010A SN 3632

Altimeter Model EPH 4580SEEP SN 61579

Has been tested IAW Part 91.411 para a and found to comply with Part 43 Appendix E.

Aircraft Static System has been tested IAW Part 91.411 and found to comply with Part 23.1325 para 21

Signed [Signature] Date 4/12/2022

Aircraft Tach/Hobbs Time 1129.76

Form BOSH 18

Method of Compliance

6-13-2022 Replace O-Ring on RT.
BRAKE caliper Repair LT wheel pin;
Reinstall axle mount on inside.

3/1/23	TACH: 1159.22	PERFORMED CONDITION INSPECTION IAW FAR PART 43 APPENDIX D.
	TTAF: 1159.22	REMOVED ACCESS PANELS. LUBED FLIGHT CONTROLS, REMOVED WHEELS, CLEANED
		AND GREASED WHEEL BEARINGS. REINSTALLED ACCESS PANELS AND WHEELS.
		REPAIRED SHOCK STRUT MOUNT ON CANOPY, GREASED TAIL WHEEL. PERFORMED ELT
		INSPECTION IAW FAR 91.207(a). OPS CHK GOOD. BATT DUE MAR 2025. I CERTIFY THAT
		THIS A/C HAS BEEN INSPECTED IAW PART 43 APPENDIX D, AND FOUND TO BE IN A CONDITION
		FOR SAFE OPERATION. MICHAEL FAYH JR.

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DATE TOTAL TIME IN SERVICE Manufactures' Mandatory Service Bulletins
19 Chronological Listing of Compliance and Method of Compliance

This Document Is To Serve As
CERTIFICATION

of
Engine Overhaul
by

Magnum Engines, Inc.

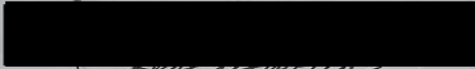
MFG: Lycoming Model: O-540-B4B5 Serial No: L-7798-40
Total Time: 4948.3 SMOH (0)

Engine to be operated and maintained I.A.W. airworthiness limitations of Lycoming.

A.D. Notes: Reference Engine Log Book

Pertinent Details of the Work Performed are on File at this Company under **Work Order #1344**

Date: 06-02-06


License: A&  Gene Svoboda

Magnum Engines, Inc.

Magnum Engines, Inc.

06-02-06 This engine model **Lycoming O-540-B4B5 Serial # L-7798-40** was overhauled by Magnum Engines, Inc., of Fort Wayne, IN according to factory recommended procedures, specifications, limits and pertinent Federal Aviation Regulations.

All internal steel parts were magnafluxed and all non-ferrous materials were checked for cracks. All the guidelines from the Lycoming Table of Limits and Overhaul Manual were followed at time of overhaul.

All tags received from the accessory suppliers are located at the rear of this logbook as applicable, including applicable 8130-3.

The crankshaft polished and engine dynamically balanced. Engine case certified by CSI, records on file at Magnum Engines, Inc. The camshaft replaced with new (cam design checked), with overhauled tappets and hydraulics. Six (6) new ECI cylinder assemblies, P/N AEL65102, installed with new piston, pins, rocker shafts. Cylinders supplied by customer to Magnum Engines, Inc. All bushings replaced in connecting rods and rocker arms (certified). New main and rod bearings installed, new rod bolts and nuts, all new gaskets and seals were utilized during final build-up. Pushrod housing replaced with new P/N LW-11485. Oil drain back tubes replaced with new. AD 96-09-10 compliance. Superior bolt new installed in crankshaft gear and new crankshaft gear installed, P/N 13S19647. Magneto and fuel systems were not overhauled by Magnum at customer's request.

WORK ORDER # ME1344

Magnum Engines, Inc.

Authorized Signat

Gene Svoboda License #

Magnum Engines, Inc.

06-02-06 All recommended parts prescribed in the Lycoming Overhaul Manual and applicable Airworthiness Directives were complied with at time of this repair. For a complete list reference Work Order # 1344 on file at Magnum Engines.

* FAA-PMA parts are frequently substituted for Lycoming factory parts.

WORK ORDER # 1344

Authorized Sign

License # Gene Svoboda

RV

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car
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ENGINE MODEL
O-540-B4B5
ENGINE S/N L-7798-40
REV. NY 9510
WORK ORDER 6758



Dulles Aviation, Inc.
Repair Station No. IBIP931E

DATE 5/5/2017
A/C TSN 1050
D/C TT 105.6
TSMOH 108.5
TACH 1050

PERSON

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Engine Entries

(1) Removed engine model O-540-B4B5 sn. L-7798-40 for prop strike and sent to Triad Aviation, Inc for repairs. Details of the repairs are under Triad Aviation's W/O no. 23276. Reinstalled the same engine after repairs. Reinstalled the engine baffling, alternator, starter, the electronic ignition direct crank sensor, CHT & EGT probes and all associated wiring, the exhaust system and fuel servo. Rigged and safetied all of the engine controls. Run up and leak check were normal. TIME CONTINUES FORWARD.

Maintenance Release

The aircraft and/or component(s) on N85TP was repaired and inspected in accordance with the current Code of Federal Regulations (CFR's) and was approved for return to service. Pertinent details of this repair are on file at this repair station under Work Order No. 6758.

DATE 5/5/2017

SIGNED:

Francis John Conroy
Certified Repair Station No. IBIP931E

Work Order: 6758

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N85TP: RA-6 Riley Rocket; ser: 2528; AF HOBBS: 1103.21

Lycoming IO-540-B4B5; Ser: L7798-40; TSMOH: 161.91

Changed oil, and oil filter. Filter/suction screen inspections no contamination. Added 1 quart Phillips 20-50 plus 13 oz Camguard. Compressions: #1-80, #2-80, #3-78, #4-78, #4-78, #5-78, #6-78. Inspected fuel injectors and fuel injector lines. Cleaned gapped and tested spark plugs. Installed shorter mixture control arm on servo to enable full movement of servo mixture control from full rich to full shut off.

AD	Description	Date/Time accomplished	Date/tach due
2011-26-04	Fuel injector line	6/08/19, Hobbs: 1103.21	Due 1203.21 Hobbs or next condition inspection, whichever occurs first

I certify that this power plant has been inspected in accordance with the scope and detail of appendix D to part 43 and found to be in a condition for safe operation.

Roger Q Anderson:

IA Date: 6/8/19

Anderson Air Services, LLC

N85TP RA-6 Riley Rocket S/N 2828 Tach: 1107.95
Lycoming IO-540-B4B5 S/N L7798-40 TSMOH: 166.65
Hartzell HC-M2TR-1BF S/N Q859B TSMOH: 56.15

Compressions #1 78 #2 78 #3 72 #4 77 #5 76 #6 78. Changed oil replenished with Phillips 20/50. Cut filter no debris found. Replaced all spark plugs with NGK B-6L. Lubed controls. I certify that this engine has been inspected IAW FAR 43 appendix D and find it to be in airworthy condition and safe to fly this date. 10/07/2020
William F Gordon IV IA3359754AP

SUB-TOTALS this page

TOTALS - Carry Forward

The BPM can be mounted flat or on its side using any of the available 1/4" holes. The BPM should be mounted such that the fuel pump is oriented in a horizontal position.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVHL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
XXXXXXX				Totals Brought Forward From Previous Page
MAC AVIATION Lycoming IO-540-B4B5 S/N: L7798-40 Culpeper, Va 22701 Date: 02-17-22 TACH: 1116.5 TSOA: 175.2 Performed annual/conditional inspection in accordance with Lycoming maintenance manual. Checked engine timing. Inspected, cleaned, gapped and rotated spark plugs. Inspected engine compartment, controls, mounts, and exhausts. Inspected fuel screen for contaminants, none found. Engine Compressions: #1-74/80, #2-74/80, #3-74/80, #4-75/80, 5-78/80, 6-74/80. Drained oil and inspected screen for contamination, none found. Serviced engine with Phillips 20W50. Post inspection run up and leak check good. "I certify this engine has been inspected as part of an Annual/Conditional Inspection and was determined to be in an airworthy condition this date." John P. McLanahan R&P				
3/1/23	TACH: 1159.1	PERFORMED	CONDITION INSPECTION ON THIS ENGINE SAW FAR PART 43 APPENDIX D.	
	TSMOH: 2.172	REMOVED SPARK PLUGS, CLEANED	PERFORMED COMPRESSION CHECK #1-75/80 #2-74/80	
		#3-76/80 #4-77/80 #5-76/80, 6-75/80. INSTALLED ON SPARK PLUGS. DRAINED		
		OIL AND CUT OPEN OIL FILTER, NO DEFECTS NOTED. SERVICED ENGINE WITH PHILLIPS		
		20W50. GROUND RAN AIRCRAFT, OPS CHK GOOD, NO LEAKS NOTED. I CERTIFY THAT		
		THIS ENGINE HAS BEEN INSPECTED SAW FAR PART 43 APPENDIX D AND DETERMINED TO		
		BE IN A CONDITION FOR SAFE OPERATION.		
			MICHAEL FACHKO JR	
SUB-TOTALS this page				
TOTALS - Carry Forward				

bs.

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