

N52578

# Propeller Logbook



**SENENICH PROPELLER SERVICE, INC.**

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- McCauley
- Hartzell
- MT
- Sensenich
- Dowty
- Hamilton Standard

PSN: 742821

INSTALLING AGENCY PLEASE NOTE:  
Recording of Propeller Total Time Since New (TTSN)  
is Required Per F.A.R. 91.417

# FAA LOGBOOK REGULATIONS

## 91.417 Maintenance records.

(a) Except for work performed in accordance with §§ 91.411 and 91.413, each registered owner or operator shall keep the following records for the periods specified in paragraph (b) of this section:

(1) Records of the maintenance, preventive maintenance, and alteration and records of the 100-hour annual, progressive, and other required or approved inspections, as appropriate, for each aircraft (including the airframe and each engine, propeller, rotor, and appliance of an aircraft). The records must include:

(i) A description (or reference to data acceptable to the Administrator) of the work performed; and

(ii) The date of completion of the work performed; and

(iii) The signature and certificate number of the person approving the aircraft for return to service.

(2) Records containing the following information:

(i) The total time in service of the airframe, each engine, each propeller, and each rotor;

(ii) The current status of life-limited parts of each airframe, engine, propeller, rotor, and appliance;

(iii) The time since last overhaul of all items installed on the aircraft which are required to be overhauled on a specified time basis.

(iv) The current inspection status of the aircraft, including the time since the last inspection required by the inspection program under which the aircraft and its appliances are maintained.

(v) The current status of applicable airworthiness directives (AD) including, for each, the method of compliance, the AD number, and revision date. If the AD involves recurring action, the time and date when the next action is required.

(vi) Copies of the forms prescribed by § 43.9(a) of this chapter for each major alteration to the airframe and currently installed engines, rotors, propellers, and appliances.

(b) The owner or operator shall retain the following records for the periods prescribed:

(1) The records specified in paragraph (a)(1) of this section shall be retained until the work is repeated or superseded by other work or for 1 year after the work is performed.

(2) The records specified in paragraph (a)(2) of this section shall be retained and transferred with the aircraft at the time the aircraft is sold.

(3) A list of defects furnished to a registered owner or operator under § 43.11 of this chapter shall be retained until the defects are repaired and the aircraft is approved for return to service.

**NOTE: Regulations are subject to revision at any date without notice.**

The manufacturers' FAA approved overhaul period for this propeller is 6 ~~years/months~~  
or 2000 hours, whichever occurs first.

Limiting factors affecting time between overhaul (TBO)

Corrosion, internal

- Directly proportional to calendar time
- Unseen and potentially catastrophic

Corrosion-erosion, external

- Calendar time and operating environment
- Visible and easily corrected

Wear, Internal/External

- Function of hours in operation and types of flying, i.e., aerobatic much higher wear rates than pleasure.

Seal Life

- Deterioration and loss of resiliency affecting sealing property is proportionate to calendar time in service.
- Wear rates are commensurate to hours flown.

**IT IS STRONGLY RECOMMENDED ALL PROPELLERS MINIMALLY RECEIVE  
AN INTERNAL CORROSION INSPECTION AND NEW SEALS AT  
INTERVALS NOT TO EXCEED SIX YEARS.**





STAPLE MAINTENANCE RELEASE TAGS AND  
OTHER DATA TO THIS PAGE

MAINTENANCE RELEASE

Part No: B2D34C207-B /  
G-78TCA-0  
was  REPAIRED (describe) \_\_\_\_\_ Description: McCauley Propeller Serial No: 742821

OVERHAULED per the following documents (include revision levels):  
Manuals MPC200 R2, SPM100 R9, BOM100 R11, MPC26 R6  
Service Bulletins THRU 274  
Service Letters THRU 2022-2  
Service Instructions N/A  
Service Advisories N/A

The following Airworthiness Directives have been complied with:

A.D.	Method of Compliance:	Recurs at: Date or Hours
<u>N/A</u>		

Time Since New: \_\_\_\_\_ Brought Forward \_\_\_\_\_ Time Since Overhaul/Major: -0-

The item(s) identified above were repaired or overhauled (as indicated) and inspected in accordance with current FAA regulations and are approved for return to service. Pertinent details of this repair or overhaul are on file at

this repair station under work order # L5688

Date April 26, 2023

Signed *Mark Z. John*

For Repair Station #QV9R194N

SENENICH PROPELLER SERVICE, INC.

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