

No. 1

PROFESSIONAL
Aircraft Propeller/Rotor Log

AVIATION MAINTENANCE FOUNDATION



FOREWARD

This Professional Aircraft Propeller/Rotor Logbook has been specially compiled and designed by the Aviation Maintenance Foundation, Inc., (AMFI) - a national non-profit organization for professional Aviation Maintenance Personnel. The purpose of this logbook is to improve the quality of aircraft maintenance through proper recordkeeping and description of actual services performed. By standardization of this information, it is the hope of the Aviation Maintenance Foundation that greater air safety will be achieved.

NOTE: This information is a permanent record of this aircraft. Alteration of this information in any way is a Federal Offense.



For Sale by the Aviation Maintenance Foundation,
Incorporated, P.O. Box 739, Basin, WY 82410
Tel: (307) 568-2466

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NEW FAA LOGBOOK REGULATIONS

91.173 Maintenance Records

(a) Except for work performed in accordance with 91.170, 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 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 include:

- (i) A description (or reference to data acceptable to the Administrator) of the work performed;
 - (ii) The date of completion of the work performed;
 - (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.
 - (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 identification of the current inspection status of the aircraft, including the times since the last inspections required by the inspection program under which the aircraft and its appliances are maintained.

(v) The current status of applicable airworthiness directives, including the method of compliance.

(vi) A list of current major alterations to each airframe engine, propeller, rotor, and appliance.

(b) The owner or operator shall retain the records required to be kept by this section for the following periods.

(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 one 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.

(c) The owner or operator shall make all maintenance records required to be kept by this section available for inspection by the Administration or any authorized representative of the National Transportation Safety Board (NTSB).

NOTE: This excerpt is effective at time of printing and subject to revision at any date without notice.

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LOGBOOK ENTRY CHECKLIST

The following check list will aid you in determining the you have all the information needed for your logbook entries. By completing the signing off of this aircraft in the following manner, you will be in compliance with FAR 43.9 and FAR 91.173.

- (1) Date of completion of work.
- (2) Time on aircraft at entry.
- (3) Description of work accomplished.
- (4) Part numbers of items installed.
- (5) Authorized signature with proper number.

PROPELLER/ ROTOR HISTORY

PROPELLER/ ROTOR HISTORY

Propeller/Rotor
Installed On:

ENGINE TYPE Lycoming IO-360 ABE MAKE AND MODEL AIRCRAFT Cessna 177B
ENGINE SERIAL NUMBER 16445-51A AIRCRAFT REGISTRATION NO. N35929
POSITION (If Multi-Engine Aircraft) _____ DATE INSTALLED 11/7/78

| Date | Total Time | Time Since Major Overhaul | Repair Station and Number | Work Performed |
|--|------------|------------------------------|------------------------------|---------------------------------|
| 3-19-87 | TACH 567.2 | | INSTALLED | by C. A. [Signature] |
| Propeller | MODEL | | B2D34C207-B | SLK 861825 |
| Blade #1 | D504A | | #2 C4326 | ON ASME |
| DOTR | | | | |
| 1/5/89 | Tach-700.5 | | File + dress out minor nicks | Randy P. Rodde AP547027377 |
| 2/2/90 | Tach-755.9 | | Annual Inspection - OK | Randy P. Rodde AP547027377JA |
| 8/2/90 | Tach-782.5 | | Dynamic Balanced Propeller | |
| FOR SENSENICH PROPELLER CO. E. AIRPORT ROAD, P.O. BOX 5100 LANCASTER, PA 17601-0100 REPAIR STATION QV2R123L | | | | |

NOTE: Compliance with A.D. Notes and Factory Bulletins pertaining to propellers/rotors should be entered in the appropriate section of this log.

PROPELLER/ ROTOR HISTORY

PROPELLER/ROTOR HISTORY

Propeller/Rotor
Installed On:

ENGINE TYPE _____ MAKE AND MODEL AIRCRAFT _____
ENGINE SERIAL NUMBER _____ AIRCRAFT REGISTRATION NO. _____
POSITION (If Multi-Engine Aircraft) _____ DATE INSTALLED _____

| Date | Total Time | Time Since Major Overhaul | Repair Station and Number | Work Performed |
|--------|-------------|------------------------------|---------------------------|--|
| 3/6/91 | TACH 820.47 | | | MINOR NICKS IN BOTH BLADES. <i>Revised D. Young</i> R.P. # 217560972 |
| 3/6/91 | TACH 820.4 | | | Annual inspection completed. <i>David C. Redde</i> A#PS47027377IA |
| 5/5/93 | TACH 995.95 | | | REPAIR STATION - COMPLETED ANNUAL IMP. DRESSD MINOR NICKS. <i>Revised D. Young</i> R.P. # 217560972 I.A. |
| | | | | |
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NOTE: Compliance with A.D. Notes and Factory Bulletins pertaining to propellers/rotors should be entered in the appropriate section of this log.

PROPELLER/ ROTOR HISTORY

PROPELLER/ROTOR HISTORY

Propeller/Rotor
Installed On:

ENGINE TYPE _____ MAKE AND MODEL AIRCRAFT _____
ENGINE SERIAL NUMBER _____ AIRCRAFT REGISTRATION NO. _____
POSITION (If Multi-Engine Aircraft) _____ DATE INSTALLED _____

| Date | Total Time | Time Since Major Overhaul | Repair Station and Number | Work Performed |
|----------|-----------------|------------------------------|---------------------------|--|
| 1/28/97 | TACH 1291.70 | | WN1R590K | OVERHAULED PROPELLER WORK PERFORMED BY BYAM PROPELLER SERVICE, MEACHAM FIELD FT. WORTH, TX. SEE ATTACHED FAA FORM 8130-3 <i>1/28/97</i> 1856823 NEXT PAGE. DYNAMIC BALANCED PROP. 1/30/97 |
| 11/15/99 | TACH 1568.67 | | M12R006L | PROPELLER DYNAMICALLY BALANCED BY HETRICK AVIATION, GILLARD AIRPORT, TOPEKA, KS. MAX UNBALANCE : 1.5 IPS <i>11/15/99</i> 1856823 |
| | | | | |
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NOTE: Compliance with A.D. Notes and Factory Bulletins pertaining to propellers/rotors should be entered in the appropriate section of this log.

PROPELLER/ROTOR HISTORY

ENGINE TYPE _____ MAKE AND MODEL AIRCRAFT _____
ENGINE SERIAL NUMBER _____ AIRCRAFT REGISTRATION NO. _____
POSITION (If Multi-Engine Aircraft) _____ DATE INSTALLED _____

[illegible]

FAA Forms 8130-3

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

constitute authority to install the part/component/assembly.

assemblies from the Airworthiness Authority of the country specified in block 14. Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Other countries such as Canada also have equivalent acceptable documents

FSA Form 8130-3 (11-00)

U. S. GPO: 1984-301-700/94266

percent per month on all accounts that have not been paid in full (Net 30 days from date of invoice). This charge will be 5th of each month. This will be an effective rate of 21

1

| | | |
|--------------|--------|----|
| | 06 | 00 |
| TOTAL AMOUNT | \$1418 | 49 |

Instructions

| | | | | | |
|---|----------------|---|----------------|---|-------------------------|
| UNITED STATES | | FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration | | 3. System Tracking Ref. No. BPS 97-18915 | |
| 4. Organization Byam Propeller Serv. Inc. 4001 N. Main Hangar 7 South Ft. Worth, Texas 76106 | | (tel) 817-625-0161 (tel) 817-625-0006 | | (fax) 817-626-0009 18915 | |
| 5. Item | 6. Description | 7. Part Number | 8. Eligibility | 9. Quantity | 10. Serial/Batch Number |
| 1 | Propeller | B2D34C207-B | various | 1 | 861025 |
| 11. Status/Work overhaul | | | | | |
| disassembled propeller, inspected and overhauled. reassembled, painted and rebalanced. C/W SB: 119,145,146-2,172A,192A; AD: 82-27-02-R1.-----END----- | | | | | |
| blade model: G78TCA-0 Serial number: GF037, GF040 | | | | | |
| Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new. | | | | | |
| 14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> | | 19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service. | | | |
| 15. Signature | | 16. FAA Authorization No. | | 21. Certificate Number WN1R590K | |
| 17. Name (Typed or Printed) | | 18. Date | | 23. Date 01-28-97 | |
| | | 22. Name (Typed or Printed) JAMES S. BYAM | | | |

| MATERIAL USED | | | | | BYAM PROPELLER SERVICE INC. | |
|---------------|-------------|------------|-------|--------|--|--|
| Quan | PART NUMBER | PARTS | UNIT | AMOUNT | FAA Certificated Repair Station WN1R590K 4001 N. Main St. Hangar 7 South Meacham Field Ft. Worth, Tx. 76106 phone: (817) 625-0161 | |
| 1 | set | Seals | | 37 50 | | |
| 1 | 2351 | Washer | | 45 | | |
| 1 | 4138 | Gasket | | 85 | | |
| 2 | 3902 | Links | 11 30 | 142 60 | | |
| 2 | 3150-4 | Pins | 1 20 | 2 40 | | |
| 2 | 3150-5 | Pins | 50 | 1 00 | | |
| 2 | 1636-7 | Snap ring | 75 | 1 50 | | |
| 2 | 3124 | Guides | 2 40 | 4 80 | | |
| 2 | 4426 | Snap Rings | 11 75 | 23 50 | | |
| 2 | 4407 | Shims | 11 60 | 23 20 | | |
| 2 | 4649 | Carriers | 13 30 | 26 60 | | |
| 4 | 1635-113 | Screws | 32 35 | 129 40 | | |
| 6 | 5077 | Studs | 13 65 | 81 90 | | |
| 6 | 5478 | Nuts | 9 40 | 56 40 | | |
| 6 | 3150-1 | Pins | 1 05 | 6 30 | | |
| 14 | 1635-70 | Screws | 2 40 | 33 60 | | |
| 80 | 4014 | Seperators | 30 | 24 00 | | |
| 80 | 3/8ca | Balls | 25 | 20 00 | | |
| | | | | | CR # 1847 | |
| | | | | | TOTAL LABOR | |
| | | | | | TOTAL PARTS 616 00 | |
| | | | | | TAX 50 82 | |
| | | | | | TOTAL AMOUNT \$1418 49 | |

TO OUR OPEN ACCOUNT CUSTOMERS
CREDIT TERMS NET/30 DAYS

All past due accounts will be placed on a C.O.D. basis. In compliance with the Truth-in-lending law, this is to advise you that we will impose a FINANCE CHARGE of 1.75 percent per month on all accounts that have not been paid in accordance with terms (Net/30 days from date of invoice). This charge will be imposed starting the 5th of each month. This will be an effective rate of 21 percent annually.

PROPELLER/ ROTOR HISTORY

PROPELLER/ROTOR HISTORY

**Propeller/Rotor
Installed On:**

ENGINE TYPE _____ MAKE AND MODEL AIRCRAFT _____
ENGINE SERIAL NUMBER _____ AIRCRAFT REGISTRATION NO. _____
POSITION (If Multi-Engine Aircraft) _____ DATE INSTALLED _____

[illegible]

NOTE: Compliance with A.D. Notes and Factory Bulletins pertaining to propellers/rotors should be entered in the appropriate section of this log.

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|---|---------------------------------|
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[illegible]

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AD NOTE COMPLIANCE

Federal Aviation Agency A.D. Compliance Record

[illegible]

AD NOTE COMPLIANCE

Federal Aviation Agency A.D. Compliance Record

[illegible]**AD NOTE COMPLIANCE**

Federal Aviation Agency A.D. Compliance Record

[illegible]

FACTORY BULLETINS

Factory Service Bulletin Compliance Record

[illegible]

FACTORY BULLETINS

Factory Service Bulletin Compliance Record

[illegible]

FACTORY BULLETINS

Factory Service Bulletin Compliance Record

[illegible]

