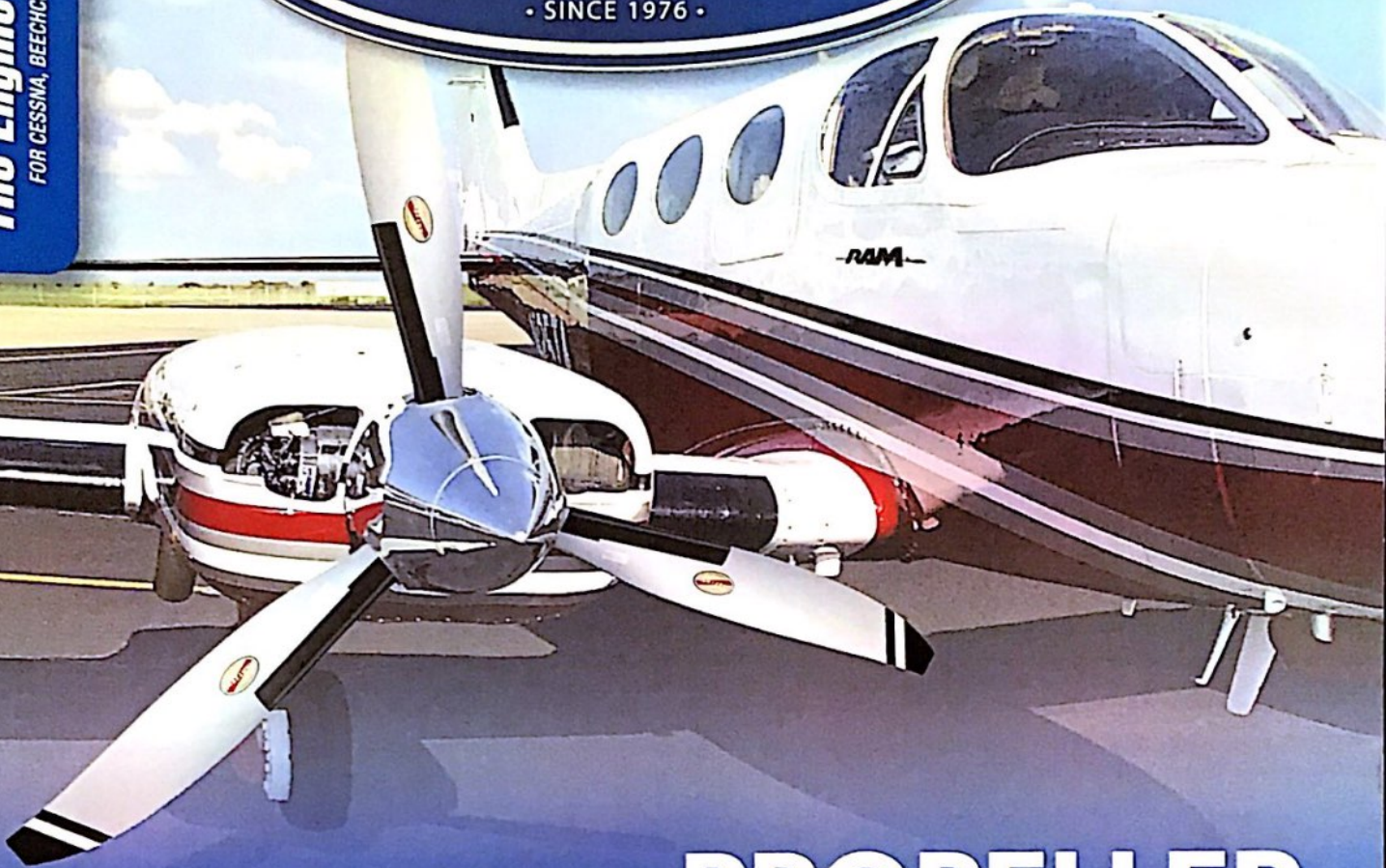


RAM AIRCRAFT  
**The Engine Specialist**  
FOR CESSNA, BEECHCRAFT, & CIRRIUS AIRCRAFT



# PROPELLER MAINTENANCE RECORDS

Aircraft Registration N421SM  
Propeller Position LH  
Propeller Serial No. 17φ495



# PROPELLER MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N42ISM

Propeller Manufacturer McCAULEY

Hub Model 3FF32C501-D/G90UMB-0

Blade Design No. \_\_\_\_\_

Hub Serial No. 170495

Blade Serial No's.

- 1. ALJ 30004
- 2. ALJ 30005
- 3. ALJ 30006
- 4. \_\_\_\_\_

Pitch Range:

High \_\_\_\_\_ Low \_\_\_\_\_

Feather \_\_\_\_\_ Reverse \_\_\_\_\_

Governor Manufacturer

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) \_\_\_\_\_ Hours

If used on multi-engine aircraft:

- Left                       Right
- Front                       Rear

**(All applicable information must be filled in)**

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708

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|      |                       |                           |                              |   |
|------|-----------------------|---------------------------|------------------------------|---|
| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK |
|------|-----------------------|---------------------------|------------------------------|---|

**PROPELLER ASSEMBLY LOG**

LH  
PAGE NUMBER

*Copy*

| Date     | Total Time | Time Since Overhaul | Aircraft Model & Registration Number | Maintenance Service History   | Signature & Certificate Number |
|----------|------------|---------------------|--------------------------------------|---|--------------------------------|
| 12/30/17 | 9          | 3                   | 3FF32C501-D<br>170495                | THIS PROPELLER WAS MANUFACTURED NEW AT MCCAULEY PROPELLER SYSTEMS. INSPECTED AND FOUND TO BE AIR-WORTHY ON THIS DATE. |                                |
|          |            |                     |                                      |   |                                |
|          |            |                     |                                      |   |                                |
|          |            |                     |                                      |   |                                |
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|          |            |                     |                                      |   |                                |
|          |            |                     |                                      |   |                                |

PROP MODEL (L) 3FF32C501-D  
PROP S/N (L) 170495  
REG NO N421SM  
WORK ORDER: 20170724-1M



**Hangar One Avionics**  
Repair Station No. 1HGR058B  
2026 Palomar Airport Road  
Carlsbad, CA 92011  
Phone 760-929-2270

DATE: 12/12/2017  
A/C TSN: 4500  
PROP TT (L): 0  
HOBBS: 434.1

**Left Prop Entries**

Completed Annual Inspection IAW FAR 43 Appendix "D" and the Cessna Inspection Time Limits Chart as a guide.

Removed LH propeller: McCauley 3FF32C501A S/N 787692) from N421SM S/N 421C1213, for sublet overhaul. That removed propeller was beyond economical repair and subsequently a new "zero" time propeller assembly was installed with the following customer supplied parts: McCauley Propeller Model No. 3FF32C501-D/G90UMB-0 S/N 170495 [Blade Serial No's. 1) ALJ30004, 2) ALJ30005, 3) ALJ30006]

LH Propeller installed with 8ea new MS21044N9 nuts, 8ea P/N A4494 Spacers and 1ea new o-ring P/N A1633-49. Installed 1ea new spinner assembly P/N D5212 (Polished), 1ea new forward spinner support P/N 0855030-3, and as required forward support spacers P/N 0850330-3. Installed 39 ea new stainless spinner screws P/N P/N MS27039C and white phenolic washers. Installed 1ea "Serviceable" unpainted and bead blasted Spinner Bulkhead Assembly P/N D4506. Bulkhead was Alodine treated, primed and painted with Jetglo Matterhorn White. The existing slip ring was cleaned and installed onto the newly painted bulkhead using 12ea AN503-5-6 drilled-head fillister screws, 12 ea NAS1149CN832R washers and safety wired. Installed 3 ea new deice harnesses P/N 6638, 3 ea new Harness Clamp Blocks P/N E5855-3, 3 ea clamps P/N MS21919WCH6 and assembled wiring to bulkhead using 9ea P/N MS21083N06 nuts and the other ends were secured to the propeller blades using 9ea P/N MS21083N06 nuts, 9 ea P/N MS51957-30 screws, 9 ea P/N 7684K-ND insulators and 18ea P/N NAS1149FN632P washers. Wire harness installed in reference to McCauley Propellers C500 Series Full Feathering Maintenance, Overhaul, Parts manual 810915.

Performed Dynamic Balance of LH propeller/engine assembly using the DSS Microvibe II Analyzer. Work performed in accordance with DSS Application note, Document No. AN-MV1-PROP. Permanent balance weights attached to the aft Spinner bulkhead per Chadwick Document No. 9511-2. Final results at 1900 RPM - 0.047 IPS.

I certify that this PROPELLER has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition --end--

This aircraft, airframe, or appliance identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and Manufacturer data and is approved for return to service.

DATE: 12/12/2017

SIGNED:   
Mike Clingerman  
Certified Repair Station No. 1HGR058B

Work Order: 20170724-1M

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