

## PROPELLER MAINTENANCE RECORDS

Aircraft Registration N42 ISM
Propeller Position RH
Propeller Serial No. 170496



## PROPELLER MAINTENANCE RECORDS

Log No.

Aircraft Registration No. N421SM  Propeller Manufacturer Mc Cauley  Hub Model 3FF32C5Ø1-D/G-9ØUMB-Ø  Blade Design No.  Hub Serial No. 17Ø496  Blade Serial No's.  1. ALE 30003
2. ALE 30005 3. ALE 30006
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		TIMEIN	N TOTAL TIME TACH OR SINCE RECORDING OVERHAUL METER TIME		DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK	
3	NUMBER		F	PROPEL	LER ASSEMBLY LOG	74
Date	Total Sinc Overh		Registration		Maintenance Service History  THIS PROPELLER WAS MANUFACTURED NEW AT MCCAULEY PROPELLER SYSTEMS. INSPECTED AND FOUND TO BE AIR- WORTHY ON THIS DATE.	Signature & Certificate Number

PROP MODEL (R). 3FF32C501-D PROP S/N (R). 170496 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 (R): 0 HOBBS: 434.1

## **Right Prop Entries**

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

Removed RH propeller: McCauley 3FF32C501A S/N 812973) 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: McCaulley Propeller Model No. 3FF32C501-D/G90UMB-0 S/N 170496 {Blade Serial No's. 1) ALE30003, 2) ALE30005, 3) ALE30006.]

RH Propeller installed with 8 ea new MS21044N9 nuts, 8 ea P/N A4494 spacers and 1 ea new o-ring P/N A1633-49. Installed 1 ea new spinner assembly P/N D5212 (polished) and 1 ea new forward spinner support P/N 0855030-3. Installed forward support spacers P/N 0850330-3 as required. Installed 39 ea stainless spinner screws P/N MS27039C and white phenolic washers. Installed 1 ea "Serviceable" unpainted and bead blasted spinner bulkhead assembly P/N D4506. Bulkhead was Alodyne treated, primed and painted with Jetglo Matterhorn White A new slip ring P/N D40099 was installed onto the newly painted bulkhead using 12 ea AN503-5-6 dnilled-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. Assembled wiring to bulkhead using 9 ea P/N MS21083N06 nuts and the other ends were secured to the propeller blades using 9 ea P/N MS21083N06 nuts, 9 ea P/N MS51957-30 screws, 9 ea P/N 7684K-ND insulators and 18 ea 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 RH 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 - 0.017 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

Work Order: 20170724-1M

Mike Clingerman
Certified Repair Station No 1HGR058B

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