

AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG



Kane Aviation LLC
22 Waypoint Dr NW
Roanoke, VA 24012

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Roanoke, VA 24012

Propeller Date: 7/6/2025 Tail #: N171PS
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-1BFP/F7497
Propeller S/N: NS7605B Tach Time: 2781.1 TSMOH: 0.0
Total Time: 0.0

Propeller Date: 7/6/2025 Tail #: N171PS
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-1BFP/F7497
Propeller S/N: NS7605B Tach Time: 2781.1 TSMOH: 0.0
Total Time: 0.0

Work Performed: Installed new Hartzell propeller I/R/T STC SA02476CH-D. Replaced Governor with overhauled unit SN 00193 overhauled by Sensenich Propeller Service.

Work Performed: I certify this propeller has been serviced and inspected I/R/T a **100 Hour Inspection** I/R/T Hartzell Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.

All work listed above was performed I/R/T Hartzell Owner's Manual No. 115N and AC 43.13. In reference to the work listed above, this propeller was found to be in an airworthy condition and is approved for return to service.



William Painter A&P 31706951A



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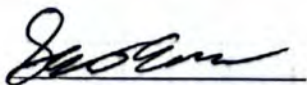
Propeller Date: 9/26/2025 Tail #: N171PS
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-1BFP/F7497
Propeller S/N: NS7605B Tach Time: 2885.4 TSMO: 104.3
Total Time: 104.3

Propeller Date: 9/26/2025 Tail #: N171PS
Aircraft Make/ Model: Diamond DA40 Propeller Make: Hartzell
Propeller Model: HC-C2YR-1BFP/F7497
Propeller S/N: NS7605B Tach Time: 2885.4 TSMO: 104.3
Total Time: 104.3

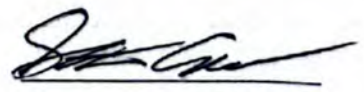
Work Performed: : Dressed all minor erosion from blade leading edges. Adjusted prop governor. Serviced hub with Aeroshell #5. C/W ICA on Hartzell Propeller STC SA02476CH-D per Hartzell Document ICA_102706 and no defects noted at this time.

Work Performed: I certify this propeller has been serviced and inspected I/A/W a **100 Hour Inspection** I/R/T Hartzell Propeller Owner's Manual No. 115N and AC 43.13. This propeller was found to be in an airworthy condition and is approved for return to service.

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Scott Emmons A&P 4560305



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TOTAL SINCE NEW		
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ACM SEARCH INFORMATION FORM

AIRCRAFT # N171PS

AIRCRAFT MODEL/TYPE DIAMOND MODEL NUMBER DA40

AIRCRAFT SERIAL NUMBER 40.701

ENGINE MODEL NUMBER LYCOMING IO-360-M1A

ENGINE SERIAL NUMBER L-32958-51A

PROPELLER MAKE/MODEL MT-PROPELLER MTV-12-B/183-59b

PROPELLER SERIAL NO. 061096
1 - XH - 26850
 2 - XH - 26851
 3 - XH - 26852

VACUUM PUMP MODEL LEFT _____ RIGHT _____
 SERIAL NUMBER LEFT _____ RIGHT _____

MAGNETO LEFT SLICK 4347 SERIAL NUMBER 06031388

MAGNETO RIGHT SUCK 4370 SERIAL NUMBER 05121978

AIR FILTER MAKE/MODEL JR SERIAL NUMBER _____

OIL FILTER MANUFACTURE KELLY AEROSPACE MODEL # E548110

OIL COOLER MAKE/MODEL STEWART WARNER MODEL # 10578T S/N 1150

SPARK PLUGS MAKE/MODEL CHAMPION

FUEL INJECTION SYSTEM PRECISION 7633 M/N RSA-5A01 S/N 70Am9210

ELT MAKE/MODEL ACK S/N 056142

IGNITION SWITCH MANUFACTURE _____ MODEL # _____

ALTERNATOR MAKE/MODEL KELLY AEROSPACE ALU-852145 SERIAL NUMBER 6031590

STARTER MAKE/MODEL SKY-TEC 149-24LS SERIAL NUMBER F4L-050612

ALTIMETER MAKE/MODEL UNITED INSTRUMENTS MODEL NUMBER 5934PD-3
 SERIAL NUMBER 456454

TRANSPONDER MAKE/MODEL GARMIN GTX 33 MODEL NUMBER 011-00779-10
 SERIAL NUMBER 8910306

OTHER PROP GOV: WOODWARD P/N: C210776 S/N: SN00333

OTHER AUTOPILOT SERVO - ELEVATOR: GARMIN G5M 85 P/N: 011-00894-07 S/N: 66402182
66402145

OTHER " " - PITCH TRIM: GARMIN G5A 81 P/N: 011-00878-00 S/N: ~~66402145~~

OTHER " " - ROLL-AILERON: GARMIN G5M 85 P/N: 011-00894-07 S/N: 66402083

OTHER SAFETY BELTS: AMSAFE

OTHER _____