

AIRCRAFT TECHNICAL LOGS

Section 4. PROPELLER



DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

Registration: N251LA
AC Serial Number: 40.NC191
Engine Serial Number: E4-A-06283
Prop Serial Number: 220124
Airframe Total Time: 3.8 HRS

- Total time **Propeller** Brought forward from Flight Test Journey Log (DAI - Form Q-157): 3.8 HRS
- Propeller installed new on DA 40 NG, S/N: 40.NC191
- Prop Dynamic Balance performed:
 - 0 Gg located @ 000°
 - Balanced to 0.135 IPS
- Bi-weekly AWD check carried out to current revision 2022-13 all applicable AD's complied with, see attached.
- The work described above was carried out IAW the applicable Standard of Airworthiness.

[Signature]
DA
Q 8

Inspector

JUN 23 2022

Date

(Intentionally left blank below this point)



ABSOLUTE AERO

MAINTENANCE

21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

PROPELLER ENTRY

WORK ORDER: 4111 AIRCRAFT: N251LA TACH: 264.9 TSOH: N/A TTP: 264.9

MODEL: MT MTV-6-R/190-69 S/N: 220124

DATE: 07/17/2023

Inspected propeller, no defects noted at this time. Verified AD's current through FAA AD biweekly 2023-15. All work completed in accordance with the Diamond DA 40 NG Maintenance Manual and the MT Propeller Operation & Installation Manual E-124. -END

I certify that this propeller has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Jesse Case A&P / IA 3772878

[Signature]

Registration N251LA
Make MT Propeller
Model MTV-6-R/190-69
Serial No. 220124
Invoice No. 24-3136
CRS# XGKR718T

ALPINE AVIATION

13310 Nevada City Ave.
Grass Valley, CA 95945
(530) 477-7701



Date June 24, 2024
Hobbs 42.7
TIS 428.6
TT Prop 428.6

Description of Inspections, Tests, Repairs, and Alterations.

- Performed Annual Inspection IAW Diamond DA40NG 100 hour Scheduled Maintenance Checklist.
- Serviced Propeller IAW Diamond DA40NG Maintenance Manual Document #6.02.15 Rev 4, Jan 2020.

I certify that this Propeller has been inspected in accordance with an Annual inspection and found to be in airworthy condition.

Signature

[Signature]

CRS# XGKR718T

TOTAL SINCE MFG.

1. Approving Civil Aviation Authority/Country: FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 129003
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4. Organization Name and Address: MAXWELL AIRCRAFT SERVICE, INC. 5800 CRYSTAL AIRPORT ROAD MINNEAPOLIS, MN 55429	5. Work Order/Contract/Invoice Number: 129003
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	M.T. PROPELLER	MTV-6-R	1	220124	OVERHAULED

12. Remarks:
 BLADE SERIAL NOS: AMK-90599, AMK-90600, AMK-90601
 OVERHAULED PROPELLER IN ACCORDANCE WITH M.T. PROPELLER MANUALS E-220 REVISION 70, E-808 REVISION 14, E-1290 REVISION 48, AND E-9000.
 COMPLIED WITH M.T. PROPELLER SERVICE LETTERS 14D, 21B, AND 81.
 COMPLIED WITH M.T. PROPELLER SERVICE INSTRUCTIONS 50 AND 68.

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
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13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: <i>Conrad E. Maxwell</i>	14c. Approval/Certificate No.: UF2R211L
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): CONRAD E. MAXWELL 2386511	14e. Date (dd/mmm/yyyy): MARCH 12, 2026

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.
 Statements in Blocks 13a and 14a 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.