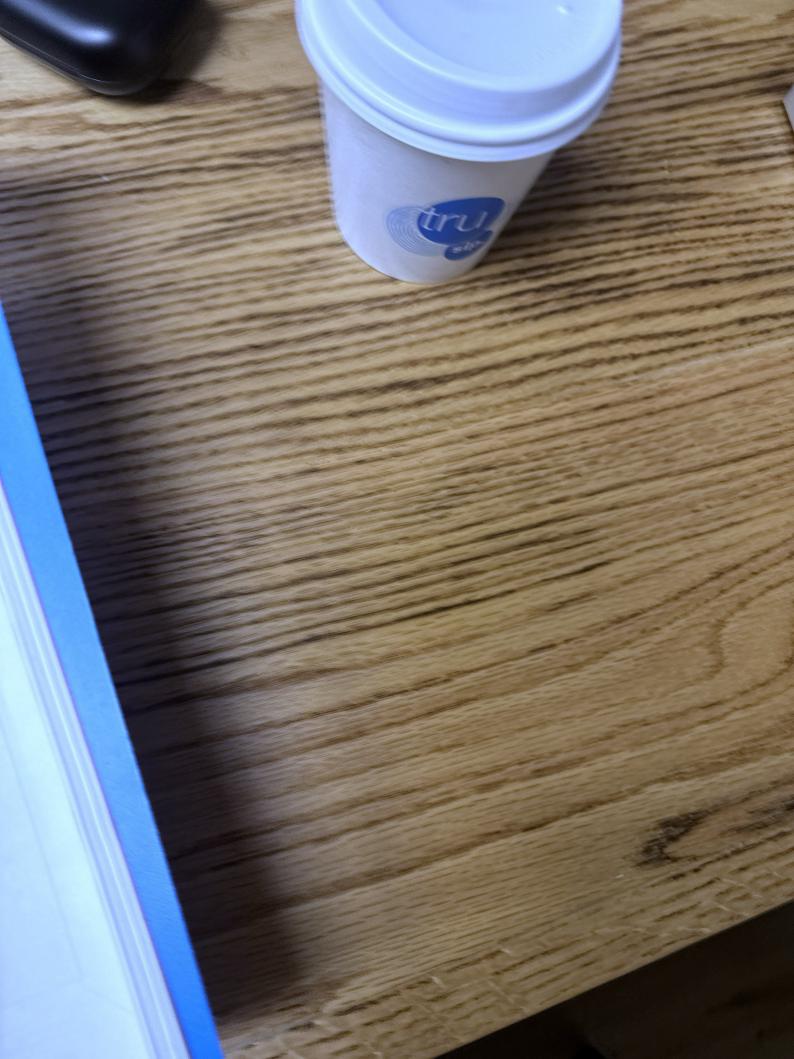
AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

| | C | • | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------|------------------------------------------------|--|--|--|--|
| 1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES | | AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG Ameritech Industries dba American Propeller S. 20208 Charles and D. S. | | | | | 3. Form Tracking Number: 781A6B53622F475489 | | | | |
| 4. Organiz | 7. Description: | Redding, CA 96002 USA | | | | 5. Work Order/Contract/Invoice Number: 28249-04-2024 | | | | | |
| | | | 8. Part Number: | 9. | | 10. Serial Number: | 11. Status/Work: | | | | |
| 1 | MT-Propeller propeller | | Prop: MT-Propeller propeller Hub: MTV-6-R-C-F Blade: CF194-80 | | Quantity: | 10. Serial Number: Blade: AKC-75206, AKC-75207, AKC-75208 Hub: 241729 | OVERHAULED | | | | |
| 12. Remarks: Overhauled as per Service Manual E-220 Rev. 70, E-1290 Rev. 48, and Standard Practices Manual E-808 Rev. 14. Installed new hub. Complied with Service Bulletin 01R8. | | | | | | | | | | | |
| 13a. Certifies the items identified above were manufactured in conformity to: | | | | | | | | | | | |
| | Approved design data an Non-approved design dat | d are in con | dition for safe operation. | 14a. 14 CFR 43.9 Return to Service 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. | | | | | | | |
| 13b. Authorized Signature: | | | 13c. Approval/Authorization No.: | 14b. Authorized Signature: | | | 14c. Approval/Certificate NO3R717L | | | | |
| 13d. Name (Typed or Printed): | | 13e. Date (dd/mmm/yyyy): | 14d. Name (Typed or Printed): Mike Crowell | | or Printed): | 14e. Date (dd/mmm/yyyy): 07 jun 2024 | | | | | |
| 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 next first like he for the right of the country. | | | | | | | | | | | |
| with the national regulations by the user/installer before the aircraft may be flown. | | | | | | | | | | | |

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005 NSOZLA





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

Registration: AC Serial Number: N502LA LH Engine Serial Number: 62 C022 E4P-C-00265 RH Engine Serial Number. E4P-C-00266 LH Prop Serial Number: RH Prop Serial Number: 190626 190628 Airframe Total Time: 4.7 HRS

- RH Prop brought forward from Production Test Flight Journey Log (DAI Form Q-224): 4.7 HRS
- The following STC's are incorporated:
 - No STC's incorporated
- Bi-weekly AWD check carried out to current revision 2020-04 all applicable AD's complied with, see
- gribed above was carried out IAW the applicable Standard of Airworthiness, The work des

Inspector

FEB 2 6 2020

date

(Intentionally left blank below this point)

PROP MODEL (R): MTV-6-R-C-F/CF194-80 PROP S/N (R). 1990628 REG NO N502LA WORK ORDER: 0250



Premier Aircraft Service, Inc.

3804 Falcon Way W Hangar 18S Fort Worth, TX 76106 Phone 562 881 5345

DATE: 4/15/2021 A/C TSN: 187.1 PROP TT (R): 187.1 FLIGHTTIME: 187.1

Right Prop Entries

• Performed 100 Hour Inspection using DA62 AMM as a guide

I certify this propeller has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.

DATE: 4/15/2021

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0250

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PROP MODEL (R): MTV-6-R-C-F/CF194-80 PROP S/N (R): 1990628 REG. NO: N502LA WORK ORDER, 0562



Premier Aircraft Service, Inc.

3804 Falcon Way W Hangar 18S Fort Worth, TX 76106 Phone: 562.881.5345

DATE: 5/11/2022 A/C TSN: 274.5 PROP TT (R): 274.5-FLIGHTTIME: 274.5

Right Prop Entries

Performed 100 Hour Inspection using DA62 AMM as a guide

I certify this propeller has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

DATE: 5/11/2022

SIGNED:

Work Order: 0562

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Chad Cox, License: AP3782800 IA THIS PAGE PRE HOUS TOTAL BRYAIGHT FORWARD TOTAL SINCE NEW

CARRY TOTALS FORWARD to Top of Next Page



Going your way every day since 1957 Aircraft Logbook Entry

ENCE: 1E or

D/ACA Aircraft: N502LA : 16-2023 TTAF: 391.7 SN: 62.C022 WH 3917 Tach: 391.7 tinspection completed this date. AD's checked thru CD2023-02. I certify that this aircraft has been inspected to be in airworthy condition. inspection and was determined to be in airworthy condition. _A&P3296474IA AIRCRAFT MANAGEMENT CHARTER FULL SERVICE FBO - MAINTENANCE Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040 AMERITECH INDUSTRIES DBA AMERICAN PROPELLER SERVICE REPAIR STATION No. NO3R717L 20208 CHARLANNE DRIVE REDDING, CA 96002 USA Overhauled WORK ACCOMPLISHED MODEL NO. MTV-6-R-C-F 241729 THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER 28249-04-2024 REPAIR ORDER# DATED: 06-07-2024 MIKE CROWELL (AUTHORIZED INDIVIDUAL)

FORM LB01



Section 4A: Propeller Service and Maintenance Record

DATE

TIME RIIN

TOTAL TIME

MAKE. DIAMOND MODEL DA62 S/N 62 C022 REG NO N502LA MODEL - R MTV-6-R-C-F/CF194-80 2 SN 241729



Aero City Maintenance 2901 East Spring St. Suite A LONG BEACH, California 90806

W/O # 4608 DATE 09-27-2024 A/C Tach 570.9 TSPOH - R: 0 1 Prop TT - R: 570.9

- Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
- All applicable Airworthiness Directives have been researched through bi-weekly issue 2024-18
- Removed and installed RH prop after overhaul with new hub SN: 241729 (OLD SN: 190628) due to gouging from de-lice nozzle using Diamond DA62 AMM chapter 61 as a guide. Replaced TKS nozzles PN: D60-9030-00-28 with loctite 638 due to loosening using Diamond DA62 AMM Ch. 71-10 and RS8 62-019 as a guide. Operation/leak check good.

I certify that this Aircraft has been inspected in accordance with Annual inspection checklist and

WORK ORDER: 4608 Printed by EBIS (EBISCloud.com) SIGNED: DATE: 09-27-2024 Jonathan Shea Cert: AP 3823821 IA

A. Propeller Service and Maintenance Record

| o ation | tion 4A: Propeller Service and | | | | | | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------|--|--|--|--|--|
| DATE | TIME DI IN | TOTAL TIME | | | | | | | | |
| BR FO | MAKE DIAMOND MODEL DA62 S/N 62 C022 REG NO N502LA MODEL - R MTV-6-R-C-F/0 2 SN 241729 | CF194-80 | Aero City Maintenance 2901 East Spring St. Suite A LONG BEACH, California 90606 | | WIO # 4608 DATE 08-27-2024 A/C Tach. 570.9 TSPOH - R: 0.1 Prop TT - R: 570.9 | | | | | |
| / | RIGHT PROP Entries Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide. | | | | | | | | | |
| | All applicable Airworthiness Directives have been researched through bi-weekly issue 2024-18 | | | | | | | | | |
| | Removed and installed RH prop after overhaul with new hub SN: 241729 (OLD SN: 190628) due to gouging from de-ice nozzle using Diamond DA62 AMM chapter 61 as a guide. Replaced TKS nozzles PN: D60-9030-00-28 with loctite 638 due to loosening using Diamond DA62 AMM Ch. 71-10 and RS8 62-019 as a guide. Operation/leak check good. | | | | | | | | | |
| | I certify that this Aircraft has | been inspected in accord | dance with Annual inspection checklet a | od was determined to be in airworthy condition. | | | | | | |
| | DATE 09-27-2024 | SIGNED: | | | WORK ORDER: 4608 | | | | | |
| | | Jonathan Shea Cert: AP 3823821 IA | 1 | Printed by | EBIS (EBISCIONA.com) | | | | | |
| | | + | | | | | | | | |