

AIRCRAFT

TECHNICAL RECORD

Section 4. PROPELLER LOG

PROPELLER LOG

1. Make MT - Propeller Entwicklung GmbH
2. Model MTV-6-R-C-F/CF194-80
3. Specification Number P19NE
4. Date of Manufacture July 2018
5. Hub Serial Number 180779
6. Blades
 - (a) Design No. _____
 - (b) Blade Serial Numbers:
 - (1) AJE - 70770
 - (2) AJE - 70771
 - (3) AJE - 70772
 - (4) _____
 - (5) _____
 - (c) Pitch Settings
 - (1) Basic _____
 - (2) High _____
 - (3) Low 11°
 - (4) Reverse Feather 80°



Section 4A: Propeller Service and Maintenance Record

DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	MIN	HOURS	MIN	
BROUGHT FORWARD	▶				



DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 161-93

Registration:	N520RA	AC Serial Number:	62.095
Airframe Total Time:	32.4	Work Order:	SO 071970
Prop LH SN	180779	Prop LH TT:	32.4

- Propeller MTV-6-R-C-F/CF 194-80, S/N: 180779, installed on Aircraft DA 62 S/N: 62.095, LEFT
- Total Time Prop brought forward: 32.4 hrs
- Prop and documentation inspected for Major Mod's and/or STC's incorporated, none found.
- All applicable Airworthiness Directives, Service Bulletins complied with.
- AWD Bi-weekly checked thru 2018-20
- Next overhaul due at 2400 hrs OR August, 2024 whichever occurs first
- Next inspection due: 100 hr inspection

The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness



OCT 11 2018

Date: _____



ABSOLUTE AERO

MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 • 510 782-6591

PROPELLER ENTRY

WORK ORDER: 2587 AIRCRAFT: N520RA TACH: 103.0 TSOH: N/A TTP: 103.0 DATE: 12/12/2019
L/H PROPELLER MODEL: MT MTV-6-R-C-F/CF194-80 S/N: 180779

Inspected propeller. No defects noted at this time. Verified AD's current through FAA AD biweekly 2019-25. All work completed in accordance with the Diamond DA 62 Maintenance Manual. -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.

Brandon Thompson A&P / IA 3212565

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NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA



ABSOLUTE AERO

MAINTENANCE

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

PROPELLER ENTRY

WORK ORDER: 2984 AIRCRAFT: N520RA TACH: 163.5 TSOH: N/A TTP: 163.5

L/H PROPELLER MODEL: MT MTV-6-R-C-F/CF194-80 S/N: 180779

DATE: 12/15/2020

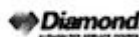
Inspected propeller. No defects noted at this time. Verified AD's current through FAA AD biweekly 2020-25. All work completed in accordance with the Diamond DA 62 Maintenance Manual. -END

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.

Brandon Thompson A&P / IA 3212565

wo: WO_794

Propeller L - page 1 of 1



Take Flight Aviation LLC • 49 Hangar Road • Montgomery, NY 12549 • 8454574188

N520RA
TACH: 271.5

MTV-6-R-C-F/CF194-80, MT Propeller, S/N: 180779

May 03, 2021

1. Performed Annual inspection I/A/W AC43.13 Appendix D using Diamond DA62 AMM and MT Propeller Maintenance Manuals as references.
2. Inspected propeller blades, hub, attachment bolts, propeller governor and unfeathering accumulators. No defects noted.
3. All routine service items performed.
4. Verified AD compliance through this date.

With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Take Flight Aviation LLC under work order: WO_794.

James T. Markey IA AP3166872IA

wo: WO_911

Propeller L - page 1 of 1



Take Flight Aviation LLC • 49 Hangar Road • Montgomery, NY 12549 • 8454574188

N520RA
Hobbs: 229.3

MTV-6-R-C-F/CF194-80, MT Propeller, S/N: 180779
TACH: 374.4

August 16, 2021

1. Performed Annual inspection I/A/W 14 CFR part 43 Appendix D using Diamond DA62 checklist, Aircraft Maintenance Manual and MT Propeller Maintenance Manuals as references.
2. Inspected propeller blades, hub, attachment bolts, propeller governor and unfeathering accumulators. No defects noted.
3. All routine service items performed.
4. Verified AD compliance through this date.

I certify this Propeller was inspected in accordance with an Annual Inspection, this propeller is determined Airworthy and is approved for return to service. Details of work performed are on file with Take Flight Aviation LLC under work order: WO_911.

James T. Markey IA AP3166872IA

	Registration #: N520RA Manufacturer: MT Propeller Serial No: 180779 Part/Model No: MTV-6-R-C-F/CF194-80 Work Order No: 534		TACH: 516.60 HOBBS: 439.20 A/C Total Time: 516.60 Prop TSN: 516.60 Date: 09/07/2022
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BLUE LINE
TECHNICAL SERVICES

TACH: 516.60
HOBBS: 439.20
A/C Total Time: 516.60
Prop TSN: 516.60
Date: 09/07/2022

- THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH BLUE LINE TECHNICAL SERVICES, LLC AND CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME IN RETURN TO SERVICE.

Pertinent details of maintenance are held in the Maintenance Facility under Work Order No 534 dated

Date: 9/07/2022 Signature: [Signature] Work Order: 534
AP Number: 3352181A

AP Number: 335218IA



BLUE LINE
TECHNICAL SERVICES

TACH: 646.40
HOBBS: 603.60
A/C Total Time: 646.40
Prop TSN: 646.40
Date: 10/07/2023

- Annual inspection. Removed spinner, checked for security and leaks. Reinstalled spinner. Checked all ADs for compliance. I certify that this propeller has been inspected IAW a Annual inspection per FAR 43 App. D and MT Propeller Operation Manual and was determined to be in an airworthy condition.

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH BLUE LINE TECHNICAL SERVICES, LLC AND CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME IN RETURN TO SERVICE.

Pertinent details of maintenance are held in this Maintenance Facility under Work Order No 1843 dated .

Date: 10/07/2023 Signature: Rendel Warrick Work Order: 1843
AP Number: HP3884290, A

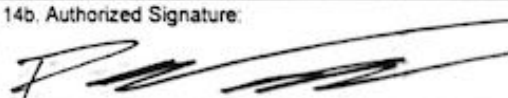
AP Number: AP 3884290, A

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1. Approving Civil Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 24-481MT	
4. Organization Name and Address MT-Propeller USA, Inc. 1180 Airport Terminal Dr. DeLand, FL 32724		FAA Approved Repair Station Q4MR908Y				5. Work Order/ Contract/Invoice Number: 24-481MT	
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	Aircraft Propeller	MTV-6-R-C-F/CF194-80	1	180779	Overhauled		
12. Remarks: Overhauled propeller in accordance with W/O# 24-481MT and Overhaul Manual E-220Rev70. Overhauled blades with replacement of stainless steel leading edges and BFG37572 deice boots Blade S/N: 1) AJE-70770 2) AJE-70771 3) AJE-70772 Year of Manufacture: 2018 TSN: Not Provided TSO: 0.0 hrs. TCDS: P19NE							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-Approved design data specified in Block 12				14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulations 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 No.:	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		 Peter Marshall, Chief Inspector		Q4MR908Y	
						18/Sep/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 user/installer before the aircraft may be flown.