

AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

PROPELLER LOG

1. Make MT-Propeller Entwicklung GmbH
2. Model MTV-b-R-C-F/CF194-80
3. Specification Number PI9NE
4. Date of Manufacture July 2018
5. Hub Serial Number 180780
6. Blades
 - (a) Design No. _____
 - (b) Blade Serial Numbers:
 - (1) AJE-70773
 - (2) AJE-70774
 - (3) AJE-70775
 - (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 RH SN	180780	Prop RH TT	32.4

- Propeller MTV-6-R-C-F/CF 194-80, S/N: 180780, installed on Aircraft DA 62 S/N: 62.095, RIGHT
- 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



ACA Date: **OCT 11 2018**



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
R/H PROPELLER MODEL: MT MTV-6-R-C-F/CF194-80 S/N: 180780

DATE: 12/12/2019

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



THIS PAGE TOTAL				
PREVIOUS TOTAL BROUGHT FORWARD				
TOTAL SINCE NEW				

CARRY TOTALS FORWARD to Top of Next Page

NAME/
SIGNATURELICENCE:
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

DATE: 12/15/2020

R/H PROPELLER MODEL: MT MTV-6-R-C-F/CF194-80 S/N: 180780

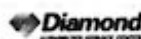
Filled and painted chips on #2 blade. Inspected propeller. No defects noted at this time. Verified AD's current through FAA AD biweekly 2020-25. All work completed in accordance with the Diamond DA 62 Maintenance Manual. -END

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_794

Propeller R - page 1 of 1



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

N520RA
TACH: 271.5

MT Propeller, S/N: P19NE

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_911

Propeller R - page 1 of 1



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

N520RA
Hobbs: 229.3

TACH: 374.4

MT Propeller, S/N: P19NE

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

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M&T, MTV-6-R-C-F, S/N: 180780

Tach: 764.7

Т. 5 МОИ-О-

October 25, 2011

CENRA

765.4

1. Performed Annual Inspection
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. Checked applicable AD's bi-weekly thru this date.
5. Removed RH propeller and sent to M&T propellers for overhaul. Received and re-installed overhauled propeller as required.
Details of work completed can be found on M&T propeller WO# 24-481MT Installed P/N MTV-6-R-C-F - MTV-6-R-C-F
180780.

that this propeller (R/H) has been inspected in accordance with an Annual Inspection, and that this propeller has been found airworthy and is approved for return to service.

Rep. T. Markey IA 3166872

James T. Mackay



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

N520RA
Hobbs: 765.4

M&T, MTV-6-R-C-F, S/N: 180780
Tach: 764.7 *JS MOH-O-*

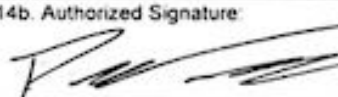
October

1. Performed Annual inspection I/A/W 14 CFR part 43 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. Checked applicable AD's bi-weekly thru this date.
5. Removed RH propeller and sent to M&T propellers for overhaul. Received and re-installed overhauled propeller as per M&T work order. Details of work completed can be found on M&T propeller WO# 24-481MT Installed P/N MTV-6-R-C-F - MTV-6-R-C-F 180780.

I certify that this propeller (R/H) has been inspected in accordance with an Annual Inspection, and that this propeller determined airworthy and is approved for return to service.

James T. Markey IA 3166872

Genl T. M. M. M.

1. Approving Civil Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3 Form Tracking Number: 24-482MT	
4 Organization Name and Address: MT-Propeller USA, Inc. FAA Approved Repair Station Q4MR908Y 1180 Airport Terminal Dr. DeLand, FL 32724					5. Work Order/ Contract/Invoice Number: 24-482MT	
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	180780	Overhauled	
12 Remarks: Overhauled propeller in accordance with W/O# 24-482MT and Overhaul Manual E-220Rev70. Overhauled blades with replacement of stainless steel leading edges and BFG37572 deice boots Blade S/N: 1) AJE-70773 2) AJE-70774 3) AJE-70775 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.:
						Q4MR908Y
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				Peter Marshall, Chief Inspector		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.