

N64ADA
RH
180214

AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

PROPELLER LOG

- 1. Make MT- Propeller Entwicklung GmbH
- 2. Model MTV-6-R-C-F
- 3. Specification Number PI9NE
- 4. Date of Manufacture April 2018
- 5. Hub Serial Number 180214
- 6. Blades
 - (a) Design No. _____
 - (b) Blade Serial Numbers:
 - (1) AJA - 68994
 - (2) AJA - 68995
 - (3) AJA - 68996
 - (4) _____
 - (5) _____
 - (c) Pitch Settings
 - (1) Basic N/A
 - (2) High /
 - (3) Low 13°
 - (4) ~~Reverse~~ FEATHER 80°

Section 4A: Propeller Service and Maintenance Record

DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL	
	HOURS	MIN	HOURS	MIN
			31	08

INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS



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

Registration:	N649DA	AC Serial Number:	42.N334
Airframe Total Time:	31.08	Work Order:	SO 071857
Prop RH SN:	180214	Prop RH TT:	31.08

- Propeller MTV-6-R-C-F/CF 190-69, S/N: 180214, installed on Aircraft DA 42 S/N: 42.N334, RIGHT
- Total Time Prop brought forward: 31.08 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 2018-13
- Next overhaul due at 2400 hrs OR May, 2024 whichever occurs first
- Next inspection due: 100 hr inspection

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



Date: JUL 03 2018



I certify that this **RIGHT PROPELLER-DA 42NG (N649DA)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service: **97.8**

Removed spinner and inspected propeller components, blades, spinner, bulkheads, and attaching hardware. Checked blades for play. Reinstalled spinner.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: WO # **RMS 2018 04689** Date: **18 SEPT 2018**

Signed: *Steve Johnson* Repair Station N3XR816N.

A/C TOTAL TIME :	97.8
ENG TOTAL TIME :	97.8
ENG T.S.M.O.H. :	N/A
TACH TIME :	97.8
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	97.8

Steve Johnson ERAU 9
N3XR816N 7691

THIS PAGE TOTAL	
PREVIOUS TOTAL BROUGHT FORWARD	
TOTAL SINCE NEW	

Section 4A: Propeller Service and Maintenance Record

DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL	
	HOURS	MIN	HOURS	MIN
BROUGHT FORWARD				

INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS



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

Registration:	N649DA	AC Serial Number:	42.N334
Airframe Total Time:	171.5	Work Order:	SO 072010
Engine LH SN:	E4-C-00454	Engine RH SN:	E4-C-00455
Engine LH TT:	171.5	Engine RH TT:	171.5
Prop LH SN:	180211	Prop RH SN:	180214
Prop LH TT:	171.5	Prop RH TT:	171.5

RH Propeller Routine Maintenance:

- 200 hr Prop Inspection Carried out IAW DA 42 NG AMM Ch 5 and MT Manual E-124
- FAA Bi-Weekly AD Review, 2018-23 complied with

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

ACA



Date: **NOV 20 2018**

N649AD S/N 42.N334 Right propeller S/N: 180214 AVIATOR AIR 3122 Great Southwest Parkway Grand Prairie, TX 75052 (972)988-8609
 Date: Nov 12, 2019 Tach: 267.4 AcftTT: 267.4 Prop TT: 267.4 Performed a 300hr inspection in reference to FAR Part 43 appendix (d) and MT-propeller maintenance manual. I certify that this propeller has been inspected in accordance with a 300 hour inspection and was determined airworthy.
 Steve O'Brien A&P3397718 IA

PROP MODEL (R):
MTV-6-R-C-F/CF190-69
PROP S/N (R): 180214
REG. NO: N649DA
WORK ORDER: 0165



Premier Aircraft Service, Inc.

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

DATE: 9/4/2020
A/C TSN: 362.3
PROP TT (R): 362.3
HOBBS: 77.5

Right Prop Entries

- Performed 100 Hour Inspection using DA42NG AMM as a guide.

DATE: 9/4/2020

SIGNED:

Chad Cox, License: AP3782800

Work Order: 0165

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PROP MODEL (R):
MTV-6-R-C-F/CF190-69
PROP S/N (R): 180214
REG. NO: N649DA
WORK ORDER: 0223



Premier Aircraft Service, Inc.

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

DATE: 12/3/2020
A/C TSN: 434.1
PROP TT (R): 434.1
HOBBS: 183.9

Right Prop Entries

- Performed 100 Hour Inspection using DA42NG AMM as a guide.

DATE: 12/3/2020

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0223

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PROP MODEL (R):
MTV-6-R-C-F/CF190-69
PROP S/N (R): 180214
REG. NO: N649DA
WORK ORDER: 0267



Premier Aircraft Service, Inc.

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

DATE: 2/12/2021
A/C TSN: 529.7
PROP TT (R): 529.7
HOBBS: 324.5

Right Prop Entries

- Performed 100 Hour Inspection using DA42NG AMM as a guide

I certify this propeller has been inspected IAW a 100 Hour Inspection and was determined to be in airworthy condition.

DATE: 2/12/2021

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0267

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PROP MODEL (R):
MTV-6-R-C-F/CF190-69
PROP S/N (R): 180214
REG. NO: N649DA
WORK ORDER: 0300



Premier Aircraft Service, Inc.

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

DATE: 4/2/2021
A/C TSN: 619.4
PROP TT (R): 619.4
HOBBS: 461.9

Right Prop Entries

- Performed 100 Hour Inspection using DA42NG AMM as a guide

DATE: 4/2/2021

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0300

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PROP MODEL (R):
MTV-6-R-C-F/CF190-69
PROP S/N (R): 180214
REG. NO: N649DA
WORK ORDER: 0346



Premier Aircraft Service, Inc.

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

DATE: 6/7/2021
A/C TSN: 715.8
PROP TT (R): 715.8
HOBBS: 598.5

Right Prop Entries

- Performed 100 Hour Inspection using DA42 AMM as a guide

I certify this propeller has been inspected IAW a 100 Hour Inspection and was determined to be in airworthy condition.

DATE: 6/7/2021

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0346

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PROP MODEL (R):
MTV-6-R-C-F/CF190-69
PROP S/N (R): 180214
REG. NO: N649DA
WORK ORDER: 0392



Premier Aircraft Service, Inc.

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

DATE: 7/29/2021
A/C TSN: 794.9
PROP TT (R): 794.9
HOBBS: 708.1

Right Prop Entries

- Performed 100 Hour Inspection using DA42NG AMM as a guide

I certify this propeller has been inspected IAW a 100 Hour Inspection and was determined to be in airworthy condition.

DATE: 7/29/2021

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0392

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PROP MODEL (R):
MTV-6-R-C-F/CF190-69
PROP S/N (R): 180214
REG. NO: N649DA
WORK ORDER: 0418



Premier Aircraft Service, Inc.

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

DATE: 9/15/2021
A/C TSN: 892.2
PROP TT (R): 892.2
HOBBS: 847.8

Right Prop Entries

- Performed 100 Hour Inspection using DA42NG AMM as a guide

I certify this propeller has been inspected IAW a 100 Hour Inspection and was determined to be in airworthy condition.

DATE: 9/15/2021

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0418

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Section 4A: Propeller Service and Maintenance Record

Make: Diamond
 Model: DA42NG
 S/N: 42.N334
 REG NO: N649DA



Diamond Fleet & Aviation services LLC
 5070 S. Collins suite 205,
 Arlington, TX 76018
 Phone: 817-575-7828

Date: 12/3/2021
 Hobbs: 998.7
 A/C TSN: 992.0
 Right prop: 992.0

NS, REPAIRS, ADJUSTMENTS, MODIFICA

Right prop

- performed a 100 hour inspection using DA42NG AMM as a guide.
- All AD's complied with current BI-week

I certify this propeller has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.

Date: 12/3/2021

SIGNED: *Austin Paden*
 Austin Paden, A&P:4494928

wo: N649DA 2022.02.28 Scheduled

Propeller R - page 1 of 1



Diamond Fleet & Aviation Service - 5070 S. Collins S. Suite 205 - Arlington, TX 76018 - 9012474808

N649DA
 TACH: 1083.4

MT Propeller, MTV-6-R-C-F/CF 190-69, S/N: 180214
 PTSN: 1083.4

March 04, 2022

PTSO: 1083.4

MTV-6-R-C-F/CF 190-69, MTV-6-R Propeller PN: MTV-6-R-C-F/CF 190-69, SN: 180214, TT TACH: 1083.4

1. **100 Hour Progressive Inspection - R Propeller** – Performed 100hr Inspection using DA42NG AMM and MT- Propeller operation and installation manual as a guide.

With respect to the work performed, this propeller has been found in an airworthy condition and is approved for return to service. Details of work performed are on file with Diamond Fleet & Aviation Service under work order: N649DA 2022.02.28 Scheduled.

Austin Paden A/P 4494928

Austin Paden *complies with all current BI-week AD's AP*

wo: N649DA 2022.05.09 Scheduled

Propeller R - page 1 of 1



Diamond Fleet & Aviation Service - 5070 S. Collins S. Suite 205 - Arlington, TX 76018 - 9012474808

N649DA
 TACH: 1160.6

MT Propeller, MTV-6-R-C-F/CF 190-69, S/N: 180214
 PTSN: 1160.6

June 01, 2022

PTSO: 1160.6

MTV-6-R-C-F/CF 190-69, MTV-6-R Propeller PN: MTV-6-R-C-F/CF 190-69, SN: 180214, TT TACH: 1160.6

1. **100 Hour Inspection** – 100 hour inspection completed using MT Propeller ICA as a guide. Propeller removed and reinstalled to facilitate engine maintenance. Replaced 6ea mount locknuts (p/n C-067), 6ea washers (p/n C-076-A), and 1ea flange o-ring (p/n C048-A) during reinstallation. Next due @ 1260.6 ACTT.
2. **AD 07-26-13 Leading Edge Erosion Strips** – Inspected IAW MT Propeller SI E-112. Next due @ 31 May 2023 or 1260.6 ACTT.

With respect to the work performed, this propeller has been found in an airworthy condition and is approved for return to service. Details of work performed are on file with Diamond Fleet & Aviation Service under work order: N649DA 2022.05.09 Scheduled.

Michael Smith A/P 3906663

Michael Smith

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