

N649DA
LH
180211

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 P19NE
- 4. Date of Manufacture March 2018
- 5. Hub Serial Number 180211
- 6. Blades
 - (a) Design No. _____
 - (b) Blade Serial Numbers:
 - (1) AJA - 68985
 - (2) AJA - 68986
 - (3) AJA - 68987
 - (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		INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS
	HOURS	MIN	HOURS	MIN	
BROUGHT FORWARD		▶			



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 LH SN:	180211	Prop LH TT:	31.08

- Propeller MTV-6-R-C-F/CF 190-69, S/N: 180211, installed on Aircraft DA 42 S/N: 42.N334, LEFT
- 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 hereon was performed IAW the Applicable Standard of



Date: JUL 03 2018

I certify that this **LEFT 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 :	<u>97.8</u>
ENG TOTAL TIME :	<u>97.8</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>97.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>97.8</u>

Steve Johnson ERAU 9
N3XR816N 7691

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N649AD S/N 42.N334 Left propeller S/N: 180211
 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

LICENCE:
 AME or
 AMO/ACA

PROP MODEL (L):
 MTV-6-R-C-F/CF190-69
 PROP S/N (L): 180211
 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 (L): 362.3
 HOBBS: 77.5

Left 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 (L):
 MTV-6-R-C-F/CF190-69
 PROP S/N (L): 180211
 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 (L): 434.1
 HOBBS: 183.9

Left Prop Entries

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

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

DATE: 12/3/2020

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0223

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PROP MODEL (L):
 MTV-6-R-C-F/CF190-69
 PROP S/N (L): 180211
 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 (L): 529.7
 HOBBS: 324.5

Left 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 (L):
 MTV-6-R-C-F/CF190-69
 PROP S/N (L): 180211
 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 (L): 619.4
 HOBBS: 461.9

Left 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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Section 4A: Propeller Service and Maintenance Record

DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS
	HOURS	MIN	HOURS	MIN	
BROUGHT FORWARD 					



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

LH 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**

PROP MODEL (L):
MTV-6-R-C-F/CF190-69
PROP S/N (L): 180211
REG. NO: N649DA
WORK ORDER: 0346



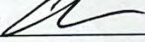
Premier Aircraft Service, Inc.
3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

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

Left 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: 

Work Order: 0346

Chad Cox, License: AP3782800 IA

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PROP MODEL (L):
MTV-6-R-C-F/CF190-69
PROP S/N (L): 180211
REG. NO: N649DA
WORK ORDER: 0392



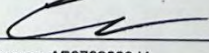
Premier Aircraft Service, Inc.
3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

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

Left 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: 

Work Order: 0392

Chad Cox, License: AP3782800 IA

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PROP MODEL (L):
MTV-6-R-C-F/CF 190-69
PROP S/N (L): 180211
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 (L): 892.2
HOBBS: 847.8

Left 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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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
Left prop: 992.0

Left 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, A&P:4494928

wo: N649DA 2022.02.28 Scheduled



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

N649DA

MT Propeller, MTV-6-R-C-F/CF 190-69, S/N: 180211

March 04, 2022

TACH: 1083.4

PTSN: 1083.4

PTSO: 1083.4

MTV-6-R-C-F/CF 190-69 MTV-6 Propeller PN: MTV-6-R-C-F/CF 190-69, SN: 180211, TT TACH: 1083.4

1. **100 Hour Progressive Inspection - L 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

*Complied with all current
Bi-week AD's AP*

wo: N649DA 2022.05.09 Scheduled



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

N649DA

MT Propeller, MTV-6-R-C-F/CF 190-69, S/N: 180211

June 01, 2022

TACH: 1160.6

PTSN: 1160.6

PTSO: 1160.6

MTV-6-R-C-F/CF 190-69 MTV-6 Propeller PN: MTV-6-R-C-F/CF 190-69, SN: 180211, 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