AIRCRAFT
TECHNICAL RECORD

Section 4. PROPELLER LOG

AeroTRANSPORT®
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R3.0C

1. Approving Competent Authority/Country Zuständige Genehmigungsbehörde / Staat	2. **AUTHORISED RELEASE CERTIFICATE** **EASA FORM 1** Freigabebescheinigung EASA-Formblatt 1	3. Form Tracking Number Lfd. Nummer
Luftfahrt-Bundesamt / Germany		**3876/20**

4. Organisation Name and Address: Name und Anschrift des Unternehmens	5. Work Order/Contract/Invoice Arbeitsauftrag/Bestellung/Rechnung
MT-Propeller Entwicklung GmbH **Flugplatzstraße 1** **94348 Atting - Germany**	**2010024605**

6. Item Pos.	7. Description Beschreibung	8. Part No. Teile-Nr.	9. Qty. Menge	10. Serial No. Werk-Nr.	11. Status/Work Status/Arbeiten
1	**MTV-Propeller**	**MTV-6-R/190-69**	**1**	**201471**	**"NEW"**
2	**Spinner Assembly**	**P-828**	**1**	**N/A**	**"NEW"**
	(1)This propeller confirms to its United States type design (Type Certificate no. P19NE) and is in a condition for save operation (2)This propeller has been subjected by the manufacturer to a final operation check and is in a proper state for airworthiness. Reference FAR Section 21.500 which provides for the airworthiness acceptance of aircraft, engines or propellers manufactured outside the U.S. for which a U.S. type certificate has been issued. Additional guidance is contained in Advisory Circular 21-29, Airworthiness Certification of Civil Aircraft, Engines, Propellers and Products, imported into the United States.				

12. Remarks
Bemerkungen

New Propeller
Blades: 1: ALI-83379, 2: ALI-83380, 3: ALI-83381
Year of construction: 2020, TSN: 00:00 hrs.
The propeller conforms with the EASA TCDS No. P.094, rev. 3
The propeller conforms to the FAA TCDS No. P19NE, rev. 7
The propeller identified by this Certificate has been examined and found to conform to the Canadian Department of Transport Type Certificate P-42, issue 3

RC 2010359

DA QA 6

13a. Certifies that the items identified above were manufactured in conformity to:
Bescheinigt, dass die oben angegebenen Artikel hergestellt wurden in Übereinstimmung mit:

☒ approved design data and are in a condition for safe operation
genehmigten Konstruktionsdaten und sich in einem betriebssicheren Zustand befinden

☐ non-approved design data specified in block 12
nicht genehmigten Konstruktionsdaten gemäß Angabe in Feld 12

14a. ☐ Part-145.A.50 Release to Service
Teil-145.A.50 Freigabe

☐ Other Regulation specified in block 12
Andere in Feld 12 angegebene Vorschrift

Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service.
Bescheinigt hiermit, dass, wenn in Feld 12 nichts anderes festgelegt ist, die in Feld 11 aufgeführte und in Feld 12 beschriebene Arbeit in Übereinstimmung mit Teil-145 durchgeführt wurde und dass der Artikel im Hinblick auf diese Arbeit für die Erteilung einer Freigabe geeignet ist.

13b. Authorised Signature Rechtsgültige Unterschrift	13c. Approval/Authorisation Number Nr. der Genehmigung	14b. Authorised Signature Rechtsgültige Unterschrift	14c. Certificate/Approval Ref. No. Nr. der Genehmigung / Zulassung
Gill	**DE.21G.0008**		
13d. Name Name	13e. Date (dd mmm yyyy) Datum (TT MMM JJJJ)	14d. Name Name	14e. Date (dd mmm yyyy) Datum (TT MMM JJJJ)
Alois Zirngibl	**13 Nov 2020**		

USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in block 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.

VERANTWORTLICHKEITEN DES BENUTZERS/AUSRÜSTERS

Diese Bescheinigung verleiht nicht automatisch die Befugnis zum Einbau der Artikel. Führt der Benutzer/Ausrüster Arbeiten in Übereinstimmung mit den Vorschriften einer anderen Luftfahrtbehörde als der in Feld 1 angegebenen Luftfahrtbehörde durch, muss der Benutzer/Ausrüster sicherstellen, dass seine Luftfahrtbehörde Artikel der in Feld 1 angegebenen Luftfahrtbehörde akzeptiert. Angaben in den Feldern 13a und 14a stellen keine Einbaubescheinigung dar. In jedem Fall müssen die Instandhaltungsunterlagen des Luftfahrzeugs eine Einbaubescheinigung enthalten, die in Übereinstimmung mit den nationalen Vorschriften vom Benutzer/Ausrüster ausgestellt wurde, bevor ein Flug mit dem Luftfahrzeug durchgeführt werden darf.

PROPELLER LOG

1. Make: MT-Propeller Entwicklung GmbH
2. Model: MTV-6-R/190-69
3. Specification Number: P19NE
4. Date of Manufacture: NOVEMBER 13 2020
5. Hub Serial Number: 201471
6. Blades:
    a. Design Number:
    b. Blade Serial Numbers:
        i. : ALI-83379
        ii. : ALI-83380
        iii. : ALI-83381
        iv. :
    c. Pitch Setting
        i. Basic:
        ii. High:
        iii. Low:
        iv. Reverse:
        v.

Section 4A: Propeller Service and Maintenance Record

Diamond AIRCRAFT

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

Registration:	N123NG
AC Serial Number:	40.NC123
Engine Serial Number:	E4-A-06023
Prop Serial Number:	201471
Airframe Total Time:	3.4 HRS

- Total time **Propeller** Brought forward from Flight Test Journey Log (DAI - Form Q-157): 3.4 HRS
- Propeller installed new on DA 40 NG, S/N: 40.NC123
- Prop Dynamic Balance performed:
  - 10.2g located @ 123°
  - Balanced to 0.100 IPS
- **Bi-weekly AWD check carried out to current revision 2021-01 all applicable AD's complied with, see attached.**
- The work described above was carried out IAW the applicable Standard of Airworthiness.

DA Q 8
Inspector

JAN 1 1 2021
Date

(Intentionally left blank below this point)

Make: Diamond
Model: DA40NG
S/N: 40.NC123
REG NO: N123NG

Diamond FLEET & AVIATION SERVICES

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

Date: 12/13/2021
Hobbs: 244.6
A/C TSN: 195.0
Prop TSN: 195.0

prop entry

- Performed 100 hour inspection using current DA 40 NG maintenance manual as a guide
- Adjust prop governor using most current Mt propeller Service instructions

I certify this propeller has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.
Date: 12/13/2021

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

wo: N123NG 2022.04.01 Scheduled

Propeller · page 1 of 1

Diamond FLEET & AVIATION SERVICES

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

N123NG **MT Propeller, MTV-6-R-C-F/CF 190-69, S/N: 201471** **April 04, 2022**
TACH: 288.6 PTSN: 288.6 PTSO: 288.6

1. **100 Hour Inspection - Propeller** – Annual/100 Hour Inspection completed using FAR 43 Appendix D, MT Propeller CMM/ICA as a guide. All ADs current & complied with through bi-week.

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: N123NG 2022.04.01 Scheduled

Michael Smith A/P 3906663

THIS PAGE TOTAL			
PREVIOUS TOTAL BROUGHT FORWARD			
TOTAL SINCE NEW			

CARRY TOTALS FORWARD to Top of Next Page

Diamond FLEET & AVIATION SERVICES

Diamond Fleet & Aviation Services · 5070 S. Collins S. Suite 205 · Arlington, TX 76018 · 9012474808

N123NG | **MT Propeller, MTV-6-R-C-F/CF 190-69, S/N: 201471** | **July 01, 2022**

TACH: 393.7 PTSN: 393.7 PTSO: 393.7

1. **100 Hour Inspection** – Inspection completed using DA40NG AMM current revision & MT Propeller ICA as a guide. All ADs complied with through current bi-week. Next due @ 493.3 TACH.

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 Services under work order: N123NG 2022.06.28 Scheduled.

Caleb Rendon A/P 4231209

PROP MODEL: MTV-6-R/190-69
PROP S/N: 201471
REG. NO: N123NG
WORK ORDER: 0726

Premier Aircraft Service

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

DATE: 12/12/2022
A/C TSN: 536
PROP TT: 536
HOBBS: 701.8

Prop Entries

• Performed 100 Hour Inspection using DA40NG 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: 12/12/2022 SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0726

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PROP MODEL: MTV-6-R/190-69
PROP S/N: 201471
REG. NO: N123NG
WORK ORDER: 1016

Premier Aircraft Service

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

DATE: 1/2/2024
A/C TSN: 637.1
PROP TT: 637.1
HOBBS: 828.1

Prop Entries

• Performed 100 Hour Inspection using DA40NG 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: 1/2/2024 SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 1016

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MAKE: Diamond
MODEL: DA40NG
S/N: 40.NC123
REG. NO: N123NG
PROP MAKE: MT
PROP MODEL: MTV-6-R/190-69
PROP S/N: 201471

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

W/O #: 1293
DATE: 02-10-2025
Prop TT: 724.5
Tach: 724.5
Hobbs: 930.8

Propeller Entries

- Performed 100 Hour Inspection using DA40NG 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: 02-10-2025 SIGNED:

David Seastead
License: AP3492477 IA

WORK ORDER: 1293

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Section 4A: Propeller Service and Maintenance Record

MAKE: Diamond
MODEL: DA40NG
S/N: 40.NC123
REG. NO: N123NG
PROP MODEL: MTV-6-R/190-69
PROP S/N: 201471

Premier Aircraft Service
3804 Falcon Way W
Hangar 18S
Fort Worth TX 76106

W/O #: 1706
DATE: 03-09-2026
Prop TT: 752.2
Tach: 752.2
Hobbs: 930.8

Propeller Entries

Performed 100 Hour Inspection using DA40NG 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: 03-09-2026 SIGNED:

Chad Cox
License: AP3782800 IA

WORK ORDER: 1706

