

AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

Propeller
Log

1. Approving Competent Authority/Country Zuständige Genehmigungsbehörde / Staat Luftfahrt-Bundesamt / Germany	2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1 Freigabebescheinigung EASA-Formblatt 1	3. Form Tracking Number Lfd. Nummer 3883/19
4. Organisation Name and Address: Name und Anschrift des Unternehmens MT-Propeller Entwicklung GmbH Flugplatzstraße 1 94348 Atting - Germany	5. Work Order/Contract/Invoice Arbeitsauftrag/Bestellung/Rechnung 2010023004	
3. Item Pos.	7. Description Beschreibung	11. Status/Work Status/Arbeiten
1	MTV-Propeller	"NEW"
2	Spinner Assembly	"NEW"
(1) This propeller conforms to its United States type design (Type Certificate no. P19NE) and is in a condition for safe operation (2) This propeller has been subjected to a final operation check and is in a proper state for airworthiness. Reference FAR Section 21.500 which provides for IAW 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.		
2. Remarks Bemerkungen New Propeller Blades: 1: AKH-77547, 2: AKH-77548, 3: AKH-77549 Year of construction: 2019, 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		
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 Angaben in Block 12 ☐ Part 145 A-50 Release to Service Teil 145 A-50 Freigabe ☐ Other Regulation specified in block 12 Andere in Block 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 Block 12 nichts anderes angegeben ist, die in Block 11 aufgeführten und in Block 12 beschriebene Arbeit in Übereinstimmung mit Teil 145 durchgeführt wurde und dass die 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 DE-21G-0008	14c. Certificate/Approval Ref. No. Nr. der Genehmigung / Zulassung
13d. Name Name Alois Zirnigbl	13e. Date (dd mm yy) Datum (TT MMM JJJ) 29 Oct 2019	14d. Date (dd mm yy) Datum (TT MMM JJJ)
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: OCTOBER 29 2019
 5. Hub Serial Number: 191217
 6. Blades:
 - a. Design Number:
 - b. Blade Serial Numbers:
 - i. : AKH-77547
 - ii. : AKH-77548
 - iii. : AKH-77549
 - iv. :
 - c. Pitch Setting
 - i. Basic:
 - ii. High:
 - iii. Low:
 - iv. Reverse:
 - v.
-

Section 4A: Propeller Service and Maintenance Record



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

Registration: N251PA
AC Serial Number: 40.NC103
Engine Serial Number: E4-A-05015
Prop Serial Number: 191217
Airframe Total Time: 4.2 HRS

- Total Time **Propeller** Brought forward from Flight Test Journey Log (DAI - Form Q-157): 4.2 HRS
- Propeller installed as new on Aircraft DA 40 NG, S/N: 40.NC103
- The following STC's are incorporated:
 - No STC's incorporated
- Bi-weekly AWD check carried out to current revision 2020-20 all applicable AD's complied with, see attached.
- The work described above was carried out IAW the applicable Standard of Airworthiness.

Inspector

OCT 08 2020
Date

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PROPELLER LOG



Reg: N251PA
Make: Diamond
Hobbs: 97.7
Prop S/N: 191217
Model: MTV-6-R/190-69
Tach: 63.6
TTSOH:

- C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D using DA40NG AMM as a guide
- C/W 100 hour inspection
- C/W AD 2007-26-13, Repeat inspection of erosion sheath.

I certify that this propeller has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

Kevin Pierron A&P 3343189IA

Registration: N251PA
AC Serial Number: 40.NC103
Propeller SN: 191217
Airframe/ Propeller TT: 112.4
WO: 4047



LIFT MAINTENANCE

Maintenance performed:
Complied with a 100HR inspection IAW FAR 43 appendix D and referencing the aircraft and propeller MMs.

I certify that this propeller has been inspected IAW a 100 Hr. inspection and was found to be airworthy.
The aircraft, or component(s) identified above was repaired, installed, or inspected IAW regulations of Federal Aviation Administration and was determined airworthy and approved for return to service only for the work performed. Details of the work are on file at this repair station under work order 4047. Date: 9/27/2022

Signature: Gregory Dodson
LIFT Maintenance FAA CRS # 727R550D

Employee Number: 614813
2753 Cargo Drive, Indianapolis, IN 46241

Registration: N438L
AC Serial Number: 40.NC103
Airframe TT: 157.5
Propeller SN: 191217
Propeller TT: 157.5 TSO: N/A
W/O: IND5927



LIFT MAINTENANCE

Maintenance performed:

Complied with a 100HR inspection referencing the aircraft and propeller MMs.
Runup checks good.

I certify that this propeller has been inspected IAW a 100 Hr. inspection and was found to be airworthy.
Date: 10/12/2023

Signature:

A&P 4459974 IA

James Boothe
LIFT Maintenance 2753 Cargo Drive, Indianapolis, IN 46241

WWW.STEELAVIATION.COM

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TOTAL

PREVIOUS TOTAL
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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

wo: WO_612

Propeller - page 1 of 1



Steel Aviation - 53 North Street Ext - Phillipsburg, Ohio 45354 - 937 332 7587

N251PA
HOBBS: 301.2MT Propeller, MTV-6-R/190-69, S/N: 191217
TACH: 213.8

December 05, 2024

C/W Annual Inspection I/A/W MT-Propeller manual E-124 section 6.1 and 6.2.1.

I certify that this Propeller has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO_612.

Jeff Pleiman A/P I/A 3304319

MAKE: Diamond
MODEL: DA40NG
S/N: 40.NC103
REG. NO: 251PA
PROP MODEL: MTV-6-
R/190-69
PROP 1 SN: 191517Premier Aircraft Service,
Inc.
CRS: # 9PRR402B
5540 NW 23rd Avenue Hangar 14
Fort Lauderdale, FL 33309W/O #: 11298-12-2025
DATE: 02-06-2026
Prop TT: 230.9
Tach: 230.9**Propeller Entries**

4 C/W ANNUAL INSPECTION ON THIS PROPELLER IAW 14 CFR PART 43, APPENDIX "D" USING MT-PROP E-124 MM INSPECTION CHECKLIST AS A GUIDE. ADS CHECKED THROUGH CURRENT ON ATP.

WE CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 02-06-2026

SIGNED:

Juan Valencia
CRS: # 9PRR402B

WORK ORDER: 11298-12-2025

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Section 4A: Propeller Service and Maintenance Record

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Diamond
AIRCRAFT

Registration:	N251PA
AC Serial Number:	40.NC103
Engine Serial Number:	E4-A-05015
Prop Serial Number:	191217
Airframe Total Time:	4.2 HRS

- Total time Propeller Brought forward from Flight Test Journey Log (DAI - Form Q-157): 4.2 HRS
- Propeller installed new on DA 40 NG, S/N: 40.NC103
- Prop Dynamic Balance performed:
 - 15.2g located @ 109°
 - Balanced to 0.116 IPS
- Bi-weekly AWD check carried out to current revision 2020-20 all applicable AD's complied with, see attached.
- The work described above was carried out IAW the applicable Standard of Airworthiness.

Inspector  

OCT 08 2020

Date _____

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Section 4B: Record of Propeller Airworthiness Directives (A/D), Service Bulletins

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ENGINE TECHNICAL RECORD - Section 4 Propeller Log

This propeller log is a part of the permanent technical record for the aircraft described at the front of this log. Only information that is directly applicable to the propeller should be entered into this log. Information relating to the airframe, engines, or other components having their own permanent technical records, should be entered into separate records. Entries may be made either by writing directly in the log pages, or by completion of separate printed reports, which are then pasted, stapled, or otherwise permanently attached to the applicable sections of the logbook.

The regulatory requirements for permanent technical records are contained in CAR 605.92, 605.93, 605.96, 605.97, and 605 Schedule 11.

Users may adopt different date formats to conform to local convention. Upon commencing a new page, enter an example of the date format to be used in the space provided at the top of each date column. For example:

dd-mm-yyyy	(European format)
mmm dd,yyyy	("Microsoft" format)
yyyy.mm.dd	(military format)

Every effort must be made to remove the inherent ambiguity in dates such as "04/03/06" where the year or month is not immediately apparent. All date entries on that page must then conform to the format indicated. When an entry takes up more than one row, draw a line through the unused cells of the affected rows to prevent the entry of unrelated information.

Maintenance may be recorded directly in this log, together with the applicable maintenance release, or it may be first recorded and certified in the aircraft journey log, and then transcribed into this log no later than thirty days following the events concerned. Where maintenance is originally certified in the journey log, there is no need for a second maintenance release when the details are transcribed into this log, but the name of the person making the transcription must be entered. Persons who transcribe entries are not responsible for the work described, but only for the accuracy of the transcription.

If an entry made in this technical record is *signed* and an **A&P or AME** licence or an Aircraft Certifying Authority (ACA) reference and AMO number are added adjacent to the signature, the entry constitutes the maintenance release required by CAR 605.85, and indicates that the maintenance task described has been performed in accordance with the applicable airworthiness requirements.

On bringing this log into use, enter the appropriate volume number, the date, and other applicable information relating to the aircraft in the spaces provided.

Section 4A: Record of maintenance and elementary work

For each maintenance task performed on the propeller (including the accomplishment of **Airworthiness Directives**, and the removal and installation of items such as engines, that have their own permanent technical records) enter the date, total air time, total cycles, and a brief description of the task, in the appropriate cells. Where information is transcribed from another record, the name of the person transcribing the information should be printed (not signed) in the signature cell, and a line struck through the "AME or AMO/ACA" cell.

Where the information is being recorded for the first time in this log, and relates to a task that requires a maintenance release, the person issuing the release must sign in the signature cell, and add his **A&P or AME** licence number, or where applicable, the ACA licence and AMO number, in the "AME or AMO/ACA" cell.

Section 4B: Record of Propeller Airworthiness Directives

Applicable **Airworthiness Directives**, airworthiness limitations, and equivalent mandatory requirements are recorded in a separate section (4B) at the back of this volume

