

# **AIRCRAFT TECHNICAL LOGS**


**Section 4. PROPELLER**

1. Approving Competent Authority/Country Zuständige Genehmigungsbehörde / Staat <b>Luffahrt-Bundesamt / Germany</b>	<b>AUTHORISED RELEASE CERTIFICATE</b> <b>EASA FORM 1</b> Freigabebescheinigung EASA-Formblatt 1	3. Form Tracking Nu Lfd. Nummer <b>0877/22</b>
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4. Organisation Name and Address: Name und Anschrift des Unternehmens	<b>MT-Propeller Entwicklung GmbH</b> <b>Flugplatzstraße 1</b> <b>94348 Atting - Germany</b>	5. Work Order/Contract/Invoice Arbeitsauftrag/Bestellung/Rechnung <b>2010029199</b>
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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	<b>MTV-Propeller</b>	<b>MTV-6-R/190-69</b>	1	<b>220123</b>	<b>"NEW"</b>
2	<b>Spinner Assembly</b>	<b>P-828</b>	1	<b>N/A</b>	<b>"NEW"</b>

(1) This propeller confirms to its United States type design (Type Certificate no. P19NE ) and is in a condition for safe 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 21-23, Airworthiness Certification of Civil Aircraft, Engines, Propellers and Products, imported into the United States.

12. Remarks Bemerkungen	<b>New Propeller</b> <b>Blades: 1: AMK-90596, 2: AMK-90597, 3: AMK-90598</b> <b>Year of construction: 2022, TSN: 00:00 hrs.</b> <b>The propeller conforms with the EASA TCDS No. P.094, rev. 3</b> <b>The propeller conforms to the FAA TCDS No. P19NE, rev. 8</b> <b>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</b>	<b>RC 2202165</b> 
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13a. Certifies that the items identified above were manufactured in conformity to: Bescheinigt, dass die oben angegebenen Artikel hergestellt wurden in Übereinstimmung mit:  <input checked="" type="checkbox"/> approved design data and are in a condition for safe operation genehmigten Konstruktionsdaten und sich in einem betriebssicheren Zustand befinden  <input type="checkbox"/> non-approved design data specified in block 12 nicht genehmigten Konstruktionsdaten gemäß Angabe in Feld 12	14a. <input type="checkbox"/> Part-145.A.50 Release to Service Teil 145.A.50 Freigabe <input type="checkbox"/> 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 Erstellung einer Freigabe geeignet ist.
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13b. Authorised Signature Rechtsgültige Unterschrift 	13c. Approval/Authorisation Number Nr. der Genehmigung <b>DE.21G.0008</b>	14b. Authorised Signature Rechtsgültige Unterschrift	14c. Certificate/Approval Ref. No. Nr. der Genehmigung / Zulassung
13d. Name Name <b>Alois Zirngibl</b>	13e. Date (dd mmm yyyy) Datum (TT MMM JJJJ) <b>02 Mar 2022</b>	14d. Name Name	14e. Date (dd mmm yyyy) Datum (TT MMM JJJJ)

**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 Luffahrtbehörde als der in Feld 1 angegebenen Luffahrtbehörde durch, muss der Benutzer/Ausrüster sicherstellen, dass seine Luffahrtbehörde Artikel der in Feld 1 angegebenen Luffahrtbehörde 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: MARCH 02 2022
5. Hub Serial Number: 220123
6. Blades:
  - a. Design Number:
  - b. Blade Serial Numbers:
    - i. : AMK-90596
    - ii. : AMK-90597
    - iii. : AMK-90598
    - iv. :
  - c. Pitch Setting
    - i. Basic:
    - ii. High:
    - iii. Low:
    - iv. Reverse:
    - v.

# PROPELLER SERVICE AND



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

Registration: N952DW  
AC Serial Number: 40.NC190  
Engine Serial Number: E4-A-06278  
Prop Serial Number: 220123  
Airframe Total Time: 4.4 HRS


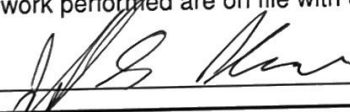
- Total time **Propeller** Brought forward from Flight Test Journey Log (DAI - Form Q-157): 4.4 HRS
- Propeller installed new on DA 40 NG, S/N: 40.NC090
- Prop Dynamic Balance performed:
  - 0.0g located @ 000°
  - Balanced to 0.089 IPS
- Bi-weekly AWD check carried out to current revision 2022-13 all applicable AD's complied with, see attached.
- The work described above was carried out IAW the applicable Standard of Airworthiness.


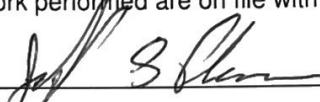
   
Inspector

JUN 22 2022

Date

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wo: WO_308		Propeller · page 1 of 1
Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587		
<b>N952DW</b> HOBBS: 197.4	<b>MT Propeller, MTV-6-R, S/N: 220123</b> TACH: 158.6	<b>August 21, 2023</b>
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_308.		
Jeff Pleiman A/P I/A 3304319 		

wo: WO_546		Propeller · page 1 of 1
Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587		
<b>N952DW</b> HOBBS: 258.3	<b>MT Propeller, MTV-6-R, S/N: 220123</b> TACH: 205.8	<b>August 16, 2024</b>
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_546.		
Jeff Pleiman A/P I/A 3304319 		

TOTAL THIS PAGE			
TOTAL FROM PREVIOUS SUMMARY			
TOTAL SINCE MFG.			

# MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS

SIGNATURE

LICENCE  
NUMBER

wo: WO\_872

Propeller - page 1 of 1



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

N952DW  
HOBBS: 283.0

MT Propeller, MTV-6-R, S/N: 220123  
TACH: 222.4

October 09, 2025

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\_872.

Jeff Pleiman A/P I/A 3304319

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
OR LIFE

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