

# AIRCRAFT TECHNICAL RECORD

Section 4. 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  
**2744/23**

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  
**2010033102**

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 Spinner Assembly</b>	<b>MTV-6-R-C-F/CF194-80 P-792-4-B</b>	1	231292 N/A	"NEW"
2					"NEW"

12. Remarks Bemerkungen  
**New Propeller**  
**Blades: 1: AOD-99004, 2: AOD-99005, 3: AOD-99006**  
**Year of construction: 2023, 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. 8**  
**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**

(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.

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  
*Zirngibl*

13c. Approval/Authorisation Number  
Nr. der Genehmigung  
**DE.21G.0008**

13d. Name  
Name  
**Alois Zirngibl**

13e. Date (dd mmm yyyy)  
Datum (TT MMM JJJJ)  
**27 Jun 2023**

14b. Authorised Signature  
Rechtsgültige Unterschrift

14c. Certificate/Approval Ref. No.  
Nr. der Genehmigung / Zulassung

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 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-C-F/CF194-80
3. Specification Number: P19NE
4. Date of Manufacture: JUNE 27 2023
5. Hub Serial Number: 231292
6. Blades:
- a. Design Number:
  - b. Blade Serial Numbers:
    - i. : AOD-99004
    - ii. : AOD-99005
    - iii. : AOD-99006
    - 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: N456SA  
AC Serial Number: 62.C066  
LH Engine Serial Number: E4P-C-06317  
RH Engine Serial Number: E4P-C-06299  
LH Prop Serial Number: 231292  
RH Prop Serial Number: 231291  
Airframe Total Time: 5.8 HRS


- **LH Propeller** Total time brought forward from Production Test Flight Journey Log (DAI - Form Q-224): 5.8 HRS
- LH Propeller installed new on DA 62, S/N: 62.C066
- Prop Dynamic Balance performed:
  - 10.3g located @ 140°
  - Balanced to 0.177 IPS
- Bi-weekly AWD check carried out to current revision 2023-26 all applicable AD's complied with, see attached.
- The work described above was carried out in accordance with the applicable Standard of Airworthiness.

*[Signature]*  
Inspector

DEC 18 2023  
date

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wo: WO_632	 Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587	Propeller L · page 1 of 1
<b>N456SA</b> TACH: 135.9	<b>MT Propeller, MTV-6-R-C-F/CF194-80, S/N: 231292</b>	<b>November 26, 2024</b>
C/W Prop 100 hour inspection @ 106.7. Due next @ 206.7.		
I certify that this Propeller LH 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_632.		
Jeff Pleiman A/P I/A 3304319 <i>[Signature]</i>		

wo: WO_1002	 Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587	LH PROPELLER ANNUAL · page 1 of 1
<b>N456SA</b> TACH: 304.5	<b>MT Propeller, MTV-6-R-C-F/CF194-80, S/N: 231292</b>	<b>January 16, 2026</b>
C/W Annual in accordance with FAR Appendix D using Diamond DA62 AMM and MT-Propeller Manual E-124 as a guide.		
I certify that this PROPELLER L/H 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_1002.		
Jeff Pleiman A/P I/A 3304319 <i>[Signature]</i>		

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