

# AIRCRAFT TECHNICAL RECORD

## Section 4. PROPELLER LOG



# PROPELLER LOG

MT-Propeller Entwicklung GmbH

MTV-6-R/190-69

ion Number:

P19NE

anufacture:

AUGUST 19 2022

il Number:

220554

sign Number:

ide Serial Numbers:

i. : ANE-93482

ii. :

ANE-93483

iii. :

ANE-93484

iv. :

ch Setting


i. Basic:

ii. High:

iii. Low:

iv. Reverse:

v.

1. Approving Competent Authority/Country Zuständige Genehmigungsbehörde / Staat <b>Luffahrt-Bundesamt / Germany</b>		2. <b>AUTHORISED RELEASE CERTIFICATE</b> <b>EASA FORM 1</b> Freigabebescheinigung EASA-Formblatt 1			3. Form Tracking Numt Lfd. Nummer <b>3537/22</b>
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>2010029684</b>			
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	220554	"NEW"
2	Spinner Assembly	P-828	1	N/A	"NEW"
<p>(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.</p>					
12. Remarks Bemerkungen <b>New Propeller</b> <b>Blades: 1: ANE-93482, 2: ANE-93483, 3: ANE-93484</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>					
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 betriebs sicheren 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.		
13b. Authorised Signature Rechtsgültige Unterschrift 		13c. Approval/Authorisation Number Nr. der Genehmigung <b>DE.21G.0008</b>		14b. Authorised Signature Rechtsgültige Unterschrift	
13d. Name Name <b>Alois Zirngibl</b>		13e. Date (dd mmm yyyy) Datum (TT MMM JJJJ) <b>19 Aug 2022</b>		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/190-69
3. Specification Number: P19NE
4. Date of Manufacture: AUGUST 19 2022
5. Hub Serial Number: 220554
6. Blades:
  - a. Design Number:
  - b. Blade Serial Numbers:
    - i. : ANE-93482
    - ii. : ANE-93483
    - iii. : ANE-93484
    - 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: N168  
AC Serial Number: 40.NC245  
Engine Serial Number: E4-A-06518  
Prop Serial Number: 220554  
Airframe Total Time: 3.3 HRS

- Total time **Propeller** Brought forward from Flight Test Journey Log (DAI - Form Q-157): 3.3 HRS
- Propeller installed new on DA 40 NG, S/N: 40.NC245
- Prop Dynamic Balance performed:
  - 0.0g located @ 000°
  - Balanced to 0.040 IPS
- **Bi-weekly AWD check carried out to current revision 2023-12 all applicable AD's complied with, see attached.**
- The work described above was carried out in accordance with the applicable Standard of Airworthiness.

   
Inspector

JUN 05 2023  
Date

(Intentionally left blank below this point)

MAKE: DIAMOND  
MODEL: DA40NG  
S/N: 40.NC245  
REG. NO: N168  
MODEL: MTV-6-R/190-69  
SN: 220554



**Aero City Maintenance**  
2901 East Spring St. Suite A  
LONG BEACH, California 90806

W/O #: 4599  
DATE: 04-18-2024  
A/C Tach: 99.9  
Prop TT: 99.9

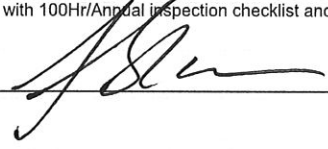
**PROPELLER Entries**

- Complied with 100Hr/Annual inspection using Diamond Aircraft DA40NG AMM chapter 5 and FAR part 43 Appendix D checklist as a guide. Complied with 100Hr lubrication using DA40NG AMM CH 12-10-00 as a guide.

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 04-18-2024

SIGNED:  
Jonathan Shea  
Cert:: AP 3823821 IA



WORK ORDER: 4599  
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PREVIOUS TOTAL BROUGHT FORWARD				
<b>TOTAL SINCE NEW</b>				

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