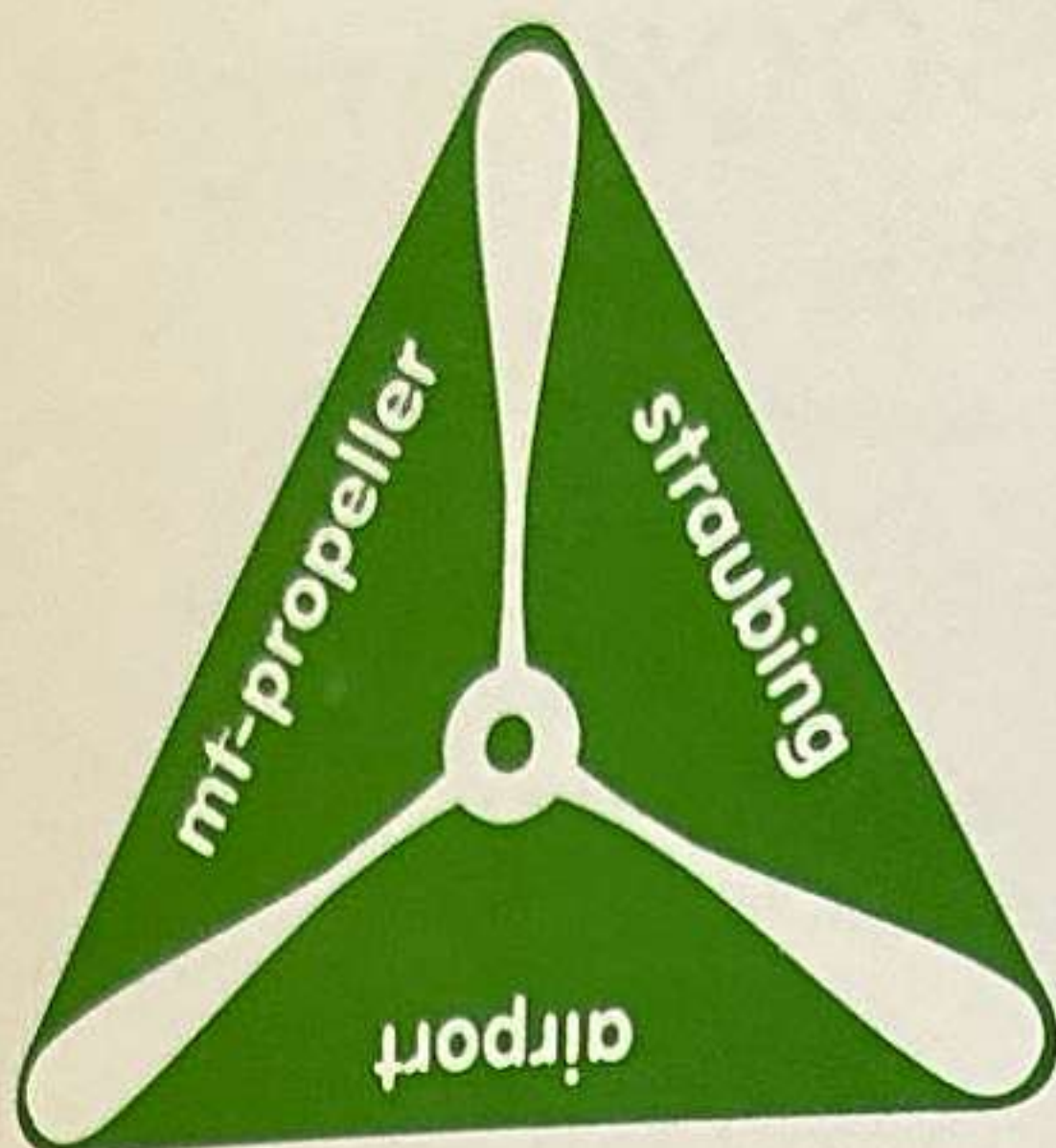




mt-propeller

The Winner's Propeller

PROPELLER LOGBOOK

EASA DE.21G.0008 / EASA.21J.020

Section 4. PROPELLER LOG

Address

Propeller Model MTV-6-R

Blade Model 790-69

Hub Serial No. 730642

Blade Serial No.1 AE6-50014

2 AEG-50015

3 AEG-50016

4 -

5

6

Propeller Diameter: 790 cm + 95

Low Pitch: $74.5^\circ + 0.2^\circ \text{ per } 1^\circ$

High Pitch: 35 ° + 1 ° TBO

Feathering: $\frac{1}{2}$ + $\frac{1}{2}$

Reverse: $\frac{1}{a} + \frac{1}{b}$

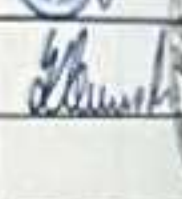
at radius station: 71 cm

INSTALLATION HISTORY

[illegible]

Section 4. PROPELLER LOG

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signature Repairman and Station Certificate Number
8-17-03	00:00	-	Manufactured	
8-17-03	00:00	-	INSPECTED DPHOU 10-11-13	

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

Section 4. PROPELLER LOG

1. Approving Competent Authority/Country Zuständige Genehmigungsbehörde / Staat Luftfahrt-Bundesamt / Germany		2.
4. Organisation Name and Address Name und Anschrift des Unternehmens		MT-P Airpo 94348
6. Item Pos.	7. Description Beschreibung	8. Part Teil
1	MTV-Propeller Spinner Assembly	MTV-6 P-828
2		
12. Remarks Bemerkungen New Propeller Blades: 1: AEG-50014, 2: AEG-50015, 3: AEG-50016 Year of construction: 2013, TSN: 00:00 hrs The propeller conforms with the EASA TC		
13a. Certifies that the items identified above were manufactured in accordance with the approved design data and are in a condition for safe operation. Bescheinigt, dass die oben angegebenen Artikel hergestellt wurden in Übereinstimmung mit den genehmigten Konstruktionsdaten und sich in einem betriebssicheren Zustand befinden. ☒ approved design data and are in a condition for safe operation ☐ non-approved design data specified in block 12		
13b. Authorised Signature Rechtsgültige Unterschrift <i>Gull</i>		13c. Approval Nr. der Genehmigung DE.21G.001
13d. Name Name Alois Zirngibl		13e. Date (dd/mm/yyyy) Datum (TT/MM/JJJJ) 19 Sep 2013
USER/INSTALLER RESPONSIBILITIES This certificate does not automatically constitute authority to install the item(s). Where the user/installer is not the manufacturer, the user/installer must ensure that his/her airworthiness authority accepts items from the airworthiness authority 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, dass seine Luftfahrtbehörde Artikel der in Feld 1 angegebenen Luftfahrtbehörde entfallen, die in Übereinstimmung mit den nationalen Vorschriften vom Benutzer/Ausrüster		

PROPELLER LOG

1. Make:	MT-Propeller
2. Model:	MTV-6-R/190-69
3. Specification Number:	P19NE
4. Date of Manufacture:	19 September, 2013
5. Hub Serial Number:	130642
6. Blades:	CF 190-69
a. Design Number:	
b. Blade Serial Numbers:	AEG-50014
i.	AEG-50015
ii.	AEG-50016
iii.	
iv.	
c. Pitch Setting	
i. Basic:	35.0 +-1
ii. High:	74.5 +- 0.2
iii. Low:	
iv. Reverse:	
v.	

Section 4A: Propeller Service and Maintenance Record

DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS
	HOURS	MIN	HOURS	MIN	
BROUGHT FORWARD			2	9	
MAR 18 2014	-	-	2	9	TIMES BROUGHT FORWARD & TRANSCRIBED HERE FROM

Propeller

Model: N143NG
MTV-6-R/190-69
S/N: 130642
Date: 12 May 2015



Hobbs Time: 57.6
Total Time: 42.2
Work Order: S-15-00085

Performed annual inspection using Diamond DA40 AMM 05-20-20 Annual Inspection form as a guide to comply with the inspection requirements of FAR 43 Appendix D.
Complied with 100hr. MTV-6 propeller condition inspection in accordance with MT Propeller Manual 61-01-24.
Accomplished all required operational and functional checks with satisfactory results.

I certify that this Propeller has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition. Pertinent details are on file under the above work order.

Signed Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Propeller

Model: N143NG
MTV-6-R/190-69
S/N: 130642
Date: 6 Jun 2016



Hobbs Time: 83.9
Tach Time: 62.3
Total Time: 62.3
Work Order: S-16-00157

Complied with an Annual Inspection using Diamond DA40NG AMM 05-28-00 and 05-28-50 Inspection forms as guides to comply with the inspection requirements of FAR 43 Appendix D.
Complied with MTV-6 100hr condition inspection per MT Propeller 61-01-24.
Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

The Propeller identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C



Date: 6/16/17 N143NG S/N: 40.N143
Propeller: MTV-6-R/190-69 S/N: 130642
Total Time: 222.1 Hobbs: 288.3

MX Aero Global LLC
2901A E. Spring St. Long Beach, CA 90806
Main: 562.912.4263
Cell: 562.881.5345

1. Performed 100 Hour Inspection using DA40NG AMM as a guide.
2. Inspected spinner, bulkhead, hub, and blades.
3. ADs current to bi-weekly revision 2017-12.
4. Performed ground run operational and leak check.

I certify this propeller has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Authorized Signature David Seastead AP3492477 IA



Date: 6/6/18 N143NG S/N: 40.N143
Propeller: MTV-6-R/190-69 S/N: 130642
Total Time: 413.7 Hobbs: 544.6

MX Aero Global LLC
2901A E. Spring St. Long Beach, CA 90806
Main: 562.912.4263
Cell: 562.881.5345

1. Performed 100 Hour Inspection using DA40NG AMM as a guide.
2. Inspected spinner, bulkhead, hub, and blades.
3. ADs current to bi-weekly revision 2018-11.
4. Performed ground run operational and leak check.

I certify this propeller has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Authorized Signature David Seastead AP3492477 IA

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CARRY FORWARD to Top of Next Page

DATA GND/H PRODUCTION TEST FLIGHT LOG.

PROP MODEL
MTV-6-R/190-69
PROP S/N: 130642
REG NO: N143NG
WORK ORDER: 3371



MX Aero Global LLC
2901 East Spring St.
Long Beach, Ca 90806
Phone: 562-912-4263

DATE: 7/9/2019
A/C TSN: 591.5
PROP TT: 591.5
TSPOH:
HOBBS: 786.7

Prop Entries

(Tach 591.5) Complied with 100hr/Annual inspection using Diamond Aircraft DA40NG AMM chapter 5 and FAR part 43 Appendix D as checklist as a guide. Complied with 100hr lubrication using DA40NG AMM CH 12-10-00 as a guide. All applicable Airworthiness Directives have been researched through bi-weekly issue 2019-11.

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

DATE: 7/9/2019

SIGNED

Ymael Galera, License: A&P 3587770 IA

Work Order: 3371

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GENERAL AVIATION CO., INC.
generalaviationco.com

9/9/2020: N143NG Diamond DA40 S/N 40.N143 Tach/Hobbs: 659.2 898.4

ENGT: 659.2 PROPTT: 659.5 W/O 22627

- 100 Hour inspection

This engine has been inspected and serviced in accordance with the Diamond DA 40 NG maintenance manual 100 hour inspection checklist and has been found to be in an airworthy condition at this time.

Larry Vidal A&P# 2713446
(714) 526-6611

PROP MODEL
PROP S/N:
REG NO: N143NG
WORK ORDER: 0295



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76108
Phone: 562.881.5345

DATE: 8/4/2021
A/C TSN: 747.3
PROP TT: 747.3
HOBBS: 1019.7

Prop Entries

- Performed 100 Hour Inspection using DA40NG AMM as a guide

I certify this propeller has been inspected IAW a 100 Hour Inspection and was determined to be in airworthy condition.

DATE: 8/4/2021

SIGNED

David Seastead, License: AP3492477 IA

Work Order: 0295

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PROP MODEL
PROP S/N:
REG NO: N143NG
WORK ORDER: 0396



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76108
Phone: 562.881.5345

DATE: 8/17/2021
A/C TSN: 843.8
PROP TT: 843.8
HOBBS: 1151.1

Prop Entries

- Performed 100 Hour Inspection using DA40NG AMM as a guide

I certify this propeller has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

DATE: 8/17/2021

SIGNED

Chad Cox, License: AP3782800 IA

Work Order: 0396

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Section 4A: Propeller Service and Maintenance Record

Make: Diamond
Model: DA40 NG
S/N: 40.N143
REG NO: N143ng



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

Date: 10/07/2021
Hobbs: 1,286.4
A/C TSN: 942.1
ENG TT: 942.1

prop entry:

- Performed 100 hour inspection using DA40ng AMM as a guide

I certify this prop has been inspected IAW a 100 hour inspection and was determined to be in a airworthy condition.

Date: 10/07/2021

SIGNED: *Austin Padon*
Austin Padon AP: 4494928

PROP MODEL:
PROP S/N:
REG NO: N143NG
WORK ORDER: 0502



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

DATE: 12/23/2021
A/C TSN: 1031.8
PROP TT: 1031.8
HOBBS: 1409.7

Prop Entries

- Performed 100 Hour Inspection using DA40NG AMM as a guide

I certify this propeller has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

DATE: 12/23/2021

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0502

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wo: N143NG 2022.06.22 Scheduled



Propeller - page 1 of 1

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

N143NG
HOBBS: 1547.6

MT Propeller, 190-69, S/N: 130642
TACH: 1133.6
PTSN: 1133.6

PTSO: 1133.6

July 14, 2022

- 100 Hour Inspection - Completed ICW Annual Inspection. Next due @ 1231.4 TACH.
- Annual Inspection - Inspection completed IAW DA40NG AMM & MT Propeller ICA. All ADs complied with through current bi-week. Next due July 2023.

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: N143NG 2022.06.22 Scheduled.

Michael Smith A&P/IA 3906663

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DATE: 8/3/2021
A/C TSN: 134
PROP TT: 134
HOBBS: 11

Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

PROP MODEL:
PROP S/N:
REG NO: N143NG
WORK ORDER: 0905



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: 8/3/2023

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 090

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1. Approving Civil Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 21783	
4. Organization Name and Address: TEXAS AIRCRAFT PROPELLER & ACCESS 7RDR559C 1711 CR 130 - Pearland, Texas 77581				5. Work Order/Contract/ Invoice Number: 21783		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:	
1	Propeller	MTV-6-R	1	130642	OVERHAULED	
12. Remarks: Overhauled propeller IAW MT Manuals E-220, E-880, and E-1290. Blade Model: 190-69 Blade Serials: (1) AEG-50014; (2) AEG-50015; (3) AEG-50016 Complied with the following: Service Bulletins: 01 R5; 04A; 05; 16M						
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12				14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.: 7RDR559C
13d. Name (Typed or Printed):		13e. Date (m/d/y): 00/00/00		14d. Name (Typed or Printed): Joseph D. Kohler		14e. Date (dd/mm/yyyy): 20/AUG/2024

PROP MODEL: MTV-6-R/190-69
PROP S/N: 130642
REG NO: N143NG
WORK ORDER: 1160



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

Prop Entries

- Performed 100 Hour Inspection using DA40NG AMM as a guide
- Removed prop and reinstalled after overhaul by Texas Aircraft Propellers

I certify this propeller has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

DATE: 9/17/2024

SIGNED:

David Seastead, License: AP3492477 IA

DATE: 9/17/2024
A/C TSN: 1438.8
PROP TT: 1438.8
HOBBS: 1959.8

Work Order: 1160

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MAKE: Diamond
MODEL: DA40NG
S/N: 40 N143
REG. NO: N143NG
PROP MODEL: MTV-6-R/190-69
PROP S/N: 130642



3804 Falcon Way W
Hangar 18S
Fort Worth TX 76106

W/O # 1563
DATE: 10-22-2025
Prop TT: 1461.5
Prop TSOH: 0.0
Tach: 1461.5
Hobbs: 1990.2

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: 10-22-2025

SIGNED:

David Seastead
License: AP3492477 IA

WORK ORDER: 1563
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