

AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

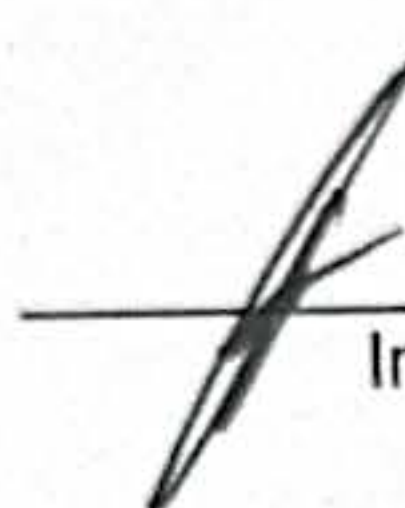
Section 4A: Propeller Service and Maintenance Record



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

Registration: N131DA
AC Serial Number: 40.NC140
Engine Serial Number: E4-A-06061
Prop Serial Number: 210286
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.NC140
- Prop Dynamic Balance performed:
 - 00.0g located @ 000°
 - Balanced to 0.196 IPS
- Bi-weekly AWD check carried out to current revision 2021-12 all applicable AD's complied with, see attached.
- The work described above was carried out IAW the applicable Standard of Airworthiness.

 **DA QA 3**
Inspector

JUN 22 2021

Date

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PROP MODEL:
MTV-6-R/190-69
PROP S/N: 210286
REG. NO: 131DA
WORK ORDER:
10055-11-2022



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 12/8/2022
A/C TSN: 141.7
PROP TT: 141.7
TACH: 141.7

Prop Entries

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

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

DATE: 12/8/2022

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 10055-11-2022

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AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 2/01/2023; Aircraft: N131DA; Type: DA40 NG; S/N: 40.NC140; Hobbs: 331.5; Tach: 240.4; Total Time: 240.4

-Performed 100hr inspection IAW MT-Propeller manual E-124 and FAR43 Appendix D.

-I certify that this propeller has been inspected in accordance with a 100hr inspection and has been determined to be in airworthy condition.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Carl Dwinnell

A&P 3722251

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

FIXED WING

AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM
Lakeland FL 33811 863-606-5757

Date: 3/03/2023; Aircraft: N131DA; Type: DA40 NG; S/N: 40.NC140; Hobbs: 467.6; Tach: 344.0; Total Time: 344.0

-Performed 100hr inspection IAW MT-Propeller manual E-124 and FAR43 Appendix D.
-I certify that this propeller has been inspected in accordance with a 100hr inspection and has been determined to be in airworthy condition.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Carl Dwinnell

A&P 3722251

3/27/23, 7:52 AM

LB137

DATE: 03/26/23 REG : N131DA ENGINE SN E4-A-06061
Diamond DA40 Diamond Star S/N .40.NC052 Engine Tach 444.4 HOBBS 594.8

694.8
NEXT DUE 1052.8

All ADs checked through current. Return to Service.
C/W 100 HR inspection on this propeller IAW 14 CFR Part 42, Appendix "D" using MT-PROP E-124 Manual Inspection Checklist as a guide.

I certify that this propeller has been inspected IAW 100HR inspection and was determined to be in an Airworthy condition.

kerry Delhomme

#

Date: 3/27/23

Signature:

K-DM

Sec

DESCRIPTION OF WORK PERFORMED:
(INSPECTION, REPAIRS, REPLACEMENT)



Kerry Delhomme # 3473912 Date: 5/1/23 Signature: *Kerry Delhomme*

Peter Marshall, Chief Inspector Q4MR908Y

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

01075 (10-12-2023)

Page 1 / 1

MAKE: DIAMOND AIRCRAFT
INDUSTRIESMYFLIGHT 400 Herdon Ave
Orlando, FL 32803

MODEL: DA40NG

S/N: 40.NC140

REG. NO.: N131DA

PROP MAKE: MT-PROPELLER

PROP MODEL: MTV-6-R/190-69

PROP 1 SN: 210286

PROP O/H DATE: 06-07-2023

W/O #: 01075

DATE: 10-12-2023

A/C TT:

A/C Tach: 630.7

Prop TT: 630.7

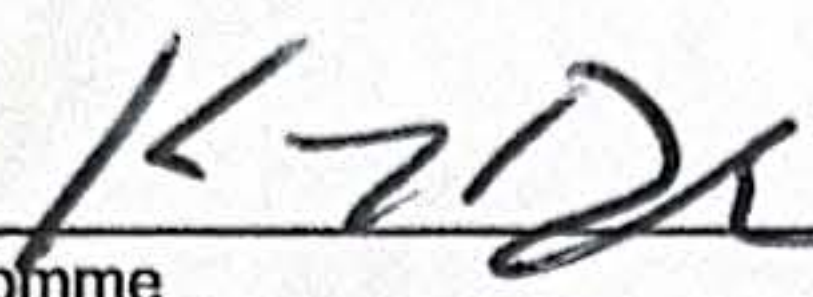
94.6
26.3

Entries

- 3 - CW 100 HR PROP INSPECTION ON THIS PROPELLER IAW CFR PART 42, APPENDIX "D" USING MT-PROP E 12 MANUAL AS A GUIDE.
- ALL AD'S CHECKED THROUGH CURRENT.
- RETURNED TO SERVICE.

I certify that this Airframe has been inspected IAW 14CFR Part 43 Appendix D 100hr inspection and was determined to be in airworthy condition.

DATE: 10-12-2023

SIGNED: Kerry Delhomme
A&P: 3473912

WORK ORDER: 01075

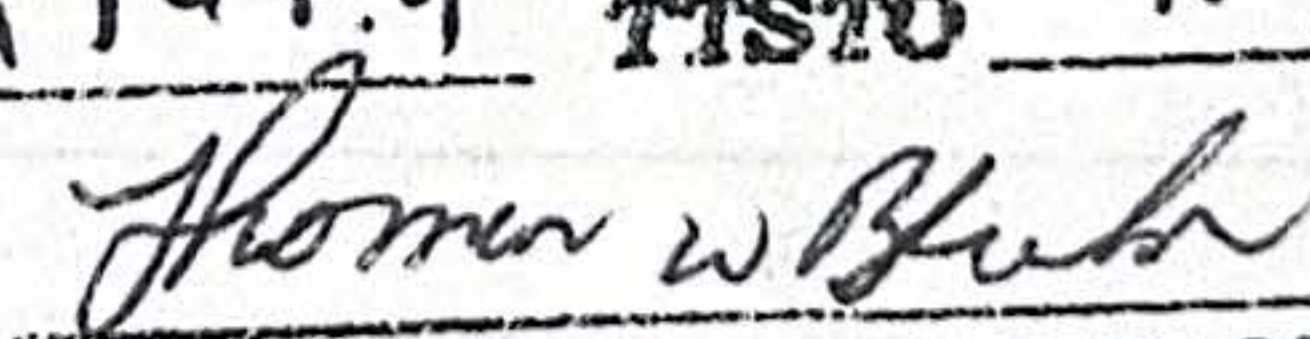
Printed by EBIS (EBISCloud.com)

I CERTIFY THAT THIS (AIRCRAFT) (ENGINE) (PROP)
HAS BEEN INSPECTED IN ACCORDANCE WITH FAR AC
43-13 APP(D) (ANNUAL INSPECTION) OR (100HRS. INSP.
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
FOR RETURN TO SERVICE.

TACH TIME 725.3 HOBBS TIME N/A

TOTAL TIME IN SERVICE 725.3 TTOE 725.3

TTSMO N/A 148.9 TTSTO N/A

SIGNATURE 

INSP. AUTHORIZATION A&P 1885137 IA

DATE OF INSPECTION 12 / 08 / 2023

Section 4A: Propeller Service and Maintenance

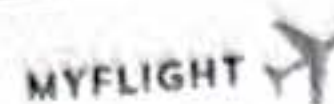
DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL	
	HOURS	MIN	HOURS	MIN
BROUGHT FORWARD				

DESCRIPTION OF WORK PERFORMED:
(INSPECTION, REPAIRS, REPLACEMENT)

Page 1 / 1

01118 (12-08-2023)

MAKE: DIAMOND AIRCRAFT INDUSTRIES
MODEL: DA40NG
S/N: 40.NC140
REG. NO: N131DA
PROP MAKE: MT-PROPELLER
PROP MODEL: MTV-6-R/190-69
PROP 1 SN: 210286
PROP O/H DATE: 06-07-2023



400 Herdon Ave
Orlando, FL 32803

W/O #: 01118
DATE: 12-08-2023
A/C TT: 725.3
A/C Tach: 725.3
Prop TT: 725.3

Entries

- 3 - C/W 100 HR PROP INSPECTION ON THIS PROPELLER IAW CFR PART 42, APPENDIX "D" USING MT-PROP E 12 MANUAL AS A GUIDE.
- ALL AD'S CHECKED THROUGH CURRENT.
- RETURNED TO SERVICE.

I certify that this Propeller has been inspected IAW 14CFR Part 43 Appendix D 100hr inspection and was determined to be in airworthy condition.

DATE: 12-08-2023

SIGNED:

Matthew Hughes
A&P: 3705688

WORK ORDER: 01118

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Page 1 / 1

01181 (04-26-2024)

MAKE: DIAMOND AIRCRAFT INDUSTRIES
MODEL: DA-40 NG
S/N: 40.NC140
REG. NO: N131DA
PROP MAKE: MT-PROPELLER
PROP MODEL: MTV-6-R/190-69
PROP 1 SN: 210286
PROP O/H DATE: 06-07-2023

MYFLIGHT



400 Herdon Ave
Orlando, FL 32803

W/O #: 01181
DATE: 04-26-2024
A/C TT: 825.6
A/C Tach: 825.6
Prop TT: 825.6

Entries

- 3 - C/W 100 HR PROP INSPECTION ON THIS PROPELLER IAW CFR PART 42, APPENDIX "D" USING MT-PROP E 12 MANUAL AS A GUIDE.
- ALL AD'S CHECKED THROUGH CURRENT.
- RETURNED TO SERVICE.

I certify that this Propeller has been inspected IAW 14CFR Part 43 Appendix D 100hr inspection and was determined to be in airworthy condition.

DATE: 04-26-2024

SIGNED:

Kerry DelHomme
A&P: 3473912

WORK ORDER: 01181

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AME or
AMO/AC

Page 1 / 1

01252 (06-13-2024)

MAKE: DIAMOND AIRCRAFT
INDUSTRIES
MODEL: DA-40 NG
S/N: 40.NC140
REG. NO: N131DA
PROP MAKE: MT-PROPELLER
PROP MODEL: MTV-6-R/190-69
PROP 1 SN: 210286
PROP O/H DATE: 06-07-2023

MYFLIGHT



400 Herdon Ave
Orlando, FL 32803

W/O #: 01252
DATE: 06-13-2024
A/C TT: 936.3
A/C Tach: 936.3
Prop TT: 332.1

Entries

- 3 -C/W 100 HR PROP INSPECTION I/AW MT-PROP E 12 MM.
-ALL AD'S CHECKED AND CURRENT.
- 5 -REMOVED PROP S/N 210286 WITH 332.1HRS TTSMOH TO BE SENT FOR OVERHAUL AND INSTALLED TEMPORARY PROP
S/N 211333 WITH 479.2HRS TTSMOH WITH A NEW PROP FLANGE O-RING I/AW DIAMOND MM 61-10-00.

I certify that this aircraft has been inspected for the work performed above and was determined to be in airworthy condition, and returned to service.

DATE: 06-13-2024

SIGNED:

Landon Moore
A&P: 4916802

WORK ORDER: 01252
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MT-Propeller USA, Inc. 1180 Airport Terminal Drive, DeLand, FL 32724
FAA Approved Repair Station Q4MR908Y
Phone: (386) 736-7762 Fax: (386) 736-7696 E-mail: info@mt-propellerusa.com

Propeller Model: MTV-6-R/190-69
Propeller TSN: Not Provided

S/N: 241091

TSO: Not Provided

Repaired propeller in accordance with W/O# 24-400MT and Overhaul Manual E-220 Rev70.
Removed hub SN 210286 from service, replaced with new hub SN: 241091
Blade SN 1) AJK-73499 2) AJK-73500 3) AJK-73501
Year of Manufacture: 2021

I certify this propeller has been repaired and determined to be in airworthy condition at this time. Return to service this date, June 19, 2024
Peter Marshall, Chief Inspector Q4MR908Y

01257 (07-12-2024)

MAKE: DIAMOND AIRCRAFT
INDUSTRIES
MODEL: DA-40 NG
S/N: 40.NC140
REG. NO: N131DA
PROP MAKE: MT-PROPELLER
PROP MODEL: MTV-6-R/190-69
PROP 1 SN: 210286
PROP O/H DATE: 06-07-2023

MYFLIGHT



400 Herdon Ave
Orlando, FL 32803

W/O #: 01257
DATE: 07-12-2024
A/C TT: 998.5
A/C Tach: 998.5
Prop TT: 332.1

Entries

- 2 -REMOVED TEMPORARY PROP, SN:211333 WITH 541.4HRS TTSMOH AND INSTALLED REPAIRED PROP, SN: 241091 WITH
332.1HRS TTSMOH I/AW DIAMOND MM 61-10-20.

I certify that this aircraft has been inspected for the work performed above and was determined to be in airworthy condition, and returned to service.

DATE: 07-12-2024

SIGNED:

Landon Moore
A&P: 4916802

WORK ORDER: 01257
Printed by EBIS (EBISCloud.com)

Service and Maintenance

TOTAL TIME	
OVERHAUL	MIN
OURS	

DESCRIPTION OF
(INSPECTION, REPAIRS)

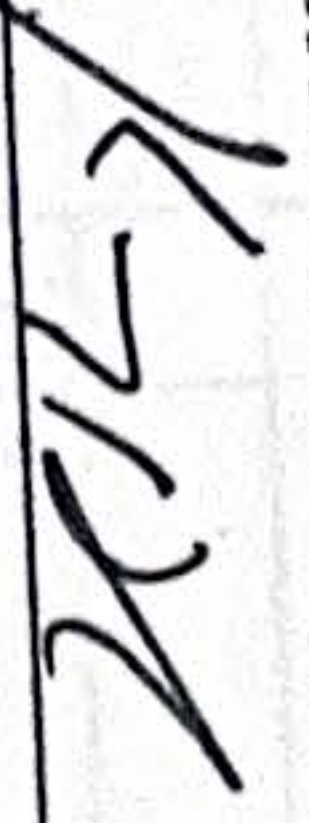
400 Herdon Ave
Orlando, FL 32803

THIS PROPELLER IAW CFR PART 42, APPENDIX "D" USING
CURRENT.

ed IAW 14CFR Part 43 Appendix D 100hr inspection and was de
56888

MYFLIGHT
400 Herdon Ave
Orlando, FL 32803

CTION ON THIS PROPELLER IAW CFR PART 42, APPENDIX "D"
UGH CURRENT.

SIGNED: 
ary Delhomme
A&P: 3473912

1. Approving Civil Aviation
Authority/Country:

AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

4. Organization Name and Address

MT-Propeller USA, Inc. FAA Approved Repair Station Q4MR908Y
1180 Airport Terminal Dr.
Deland, FL 32724

5. Work Order/Contract/Invoice Number:
24-400MT

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	Aircraft Propeller	MTV-6-R/190-69	1	241091	Repaired

12. Remarks:
Repaired propeller in accordance with W/O# 24-400MT and Overhaul Manual E-220 Rev70.
Removed hub SN 210286 from service, replaced with new hub SN: 241091
Blade SN 1) AJK-73499 2) AJK-73500 3) AJK-73501
Year of Manufacture: 2021
Propeller TSN: Not provided TSO: Not provided
TCDS: P19NE

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulations 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.: Q4MR908Y
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): Peter Marshall, Chief Inspector	14e. Date (dd/mm/yyyy): 19/Jun/2024

User/Installer Responsibilities
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 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.

FAA Form 8130-3 (02-14) MTP USA2-Form206A

PROOF UNIT DATE: 06-07-2023

Entries

2 -REMOVED TEMPORARY PROP, SN:211333 WITH 541.4HRS TTSMOH AND INSTALLED REPAIRED PROP, SN: 241091 WITH 332.1HRS TTSMOH IAW DIAMOND MM 61-10-20.

I certify that this aircraft has been inspected for the work performed above and was determined to be in airworthy condition, and returned to service.

DATE: 07-12-2024
SIGNED: 
Landon Moore
A&P: 4916802

WORK ORDER: 01257
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NSN: 0052-00-012-9005

Section 4A: Propeller Service and Maintenance

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL	
	HOURS	MIN	HOURS	MIN
08/08/2024				

DESCRIPTION OF WORK PERFORMED:
(INSPECTION, REPAIRS, REPLACEMENT)

01289 (08-08-2024)
MAKE: DIAMOND AIRCRAFT
INDUSTRIES
MODEL: DA-40 NG
S/N: 40.NC140
REG. NO: N131DA
PROP MAKE: MT-PROPELLER
PROP MODEL: MTV-6-R/190-69
PROP 1 SN: 210286
PROP O/H DATE: 06-07-2023

MYFLIGHT 

400 Herdon Ave
Orlando, FL 32803

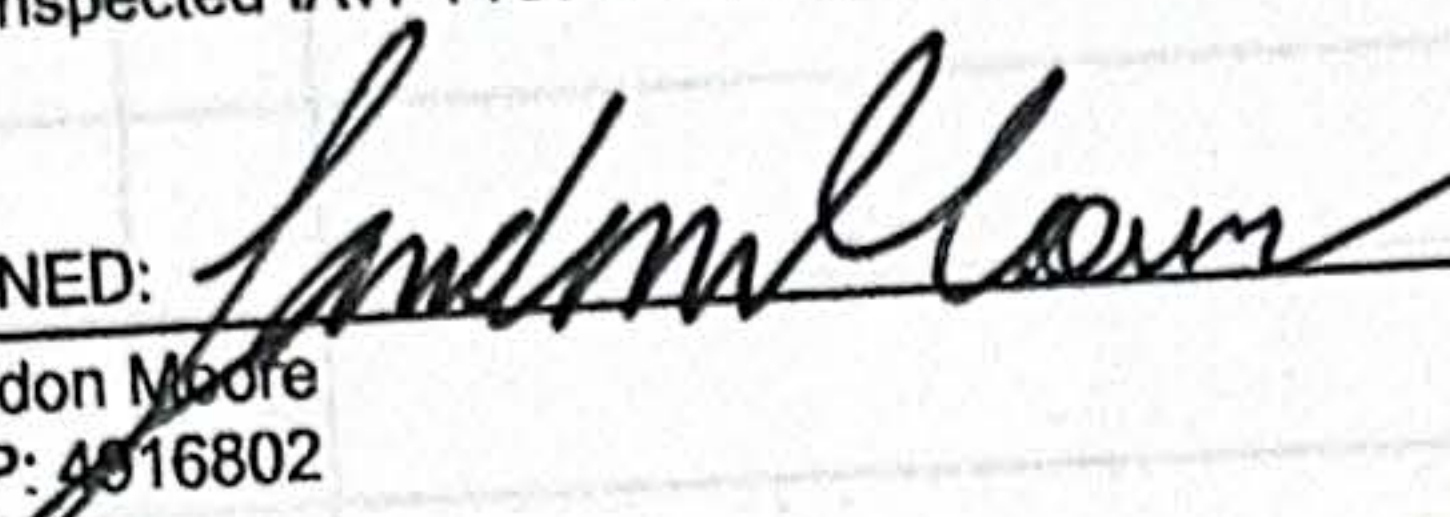
Page 1 / 1
W/O #: 01289
DATE: 08-08-2024
A/C TT: 1028.8
A/C Tach:
Prop TT: 1028.8
362.4

Entries

- 3 - PERFORMED 100 HR PROP INSPECTION IAW CFR PART 42, APPENDIX "D" USING MT-PROP E 12 MANUAL AS A GUIDE.
- ALL AD'S CHECKED AND COMPLIED WITH AT THIS TIME.

I certify that this Propeller has been inspected IAW 14CFR Part 43 Appendix D 100hr inspection and was determined to be in airworthy condition.

DATE: 08-08-2024

SIGNED: 
Landon Moore
A&P: 4916802

WORK ORDER: 01289
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01397 (11-05-2024)

MAKE: DIAMOND AIRCRAFT
INDUSTRIES
MODEL: DA-40 NG
S/N: 40.NC140
REG. NO: N131DA
PROP MAKE: MT-PROPELLER
PROP MODEL: MTV-6-R/190-69
PROP 1 SN: 210286
PROP O/H DATE: 06-07-2023

MYFLIGHT 

400 Herdon Ave
Orlando, FL 32803

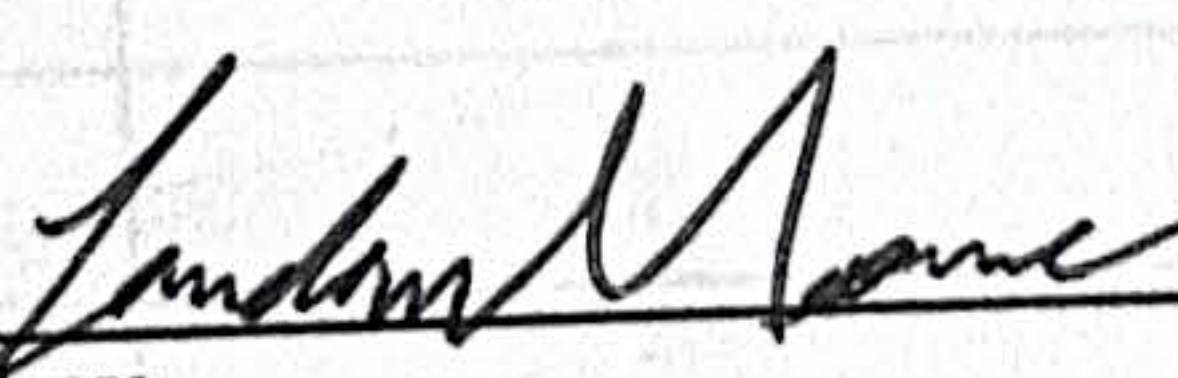
Page 1 / 1
W/O #: 01397
DATE: 11-05-2024
A/C TT: 1130.2
A/C Tach: 1130.2
Prop TT: 463.8

Entries

- 3 - PERFORMED 100HR PROP INSPECTION USING DIAMOND DA40 NG AMM AND MT PROP MANUAL AS A GUIDE.
- ALL AD'S AND SB'S CHECKED AND COMPLIED WITH AT THIS TIME.

I certify that this Propeller has been inspected IAW 14CFR Part 43 Appendix D 100hr inspection and was determined to be in airworthy condition.

DATE: 11-05-2024

SIGNED: 
Landon Moore
A&P: 4916802

WORK ORDER: 01397
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01458 (01-02-2025)

MAKE: DIAMOND AIRCRAFT
INDUSTRIES
MODEL: DA-40 NG
S/N: 40.NC140
REG. NO: N131DA
PROP MAKE: MT-PROPELLER
PROP MODEL: MTV-6-R/190-69
PROP 1 SN: 210286
PROP O/H DATE: 06-07-2023

MYFLIGHT 

400 Herdon Ave
Orlando, FL 32803

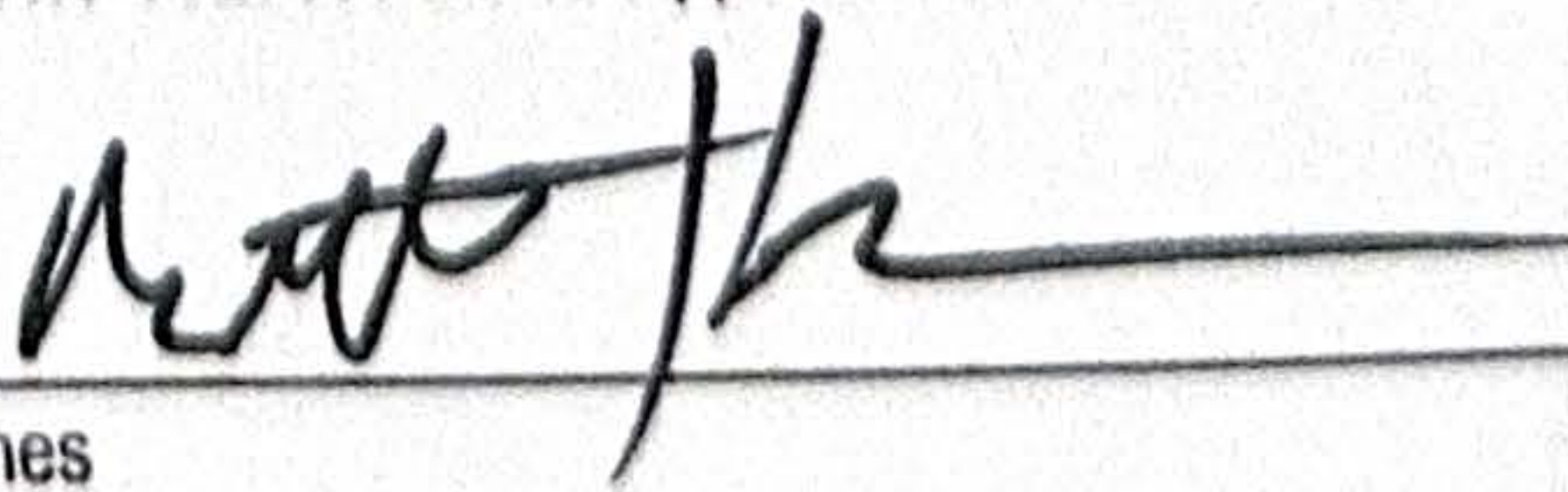
Page 1 / 1
W/O #: 01458
DATE: 01-02-2025
A/C TT: 1196.6
A/C Tach: 1196.6
Prop TT: 654.0

Entries

- 3 - C/W 100 HR PROP INSPECTION ON THIS PROPELLER IAW CFR PART 42, APPENDIX "D" USING MT-PROP E 12 MANUAL AS A GUIDE.
- ALL AD'S CHECKED THROUGH CURRENT.
- RETURNED TO SERVICE.

I certify that this Propeller has been inspected IAW 14CFR Part 43 Appendix D 100hr inspection and was determined to be in airworthy condition.

DATE: 01-02-2025

SIGNED: 
Matthew Hughes
A&P: 3705688

WORK ORDER: 01458
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I CERTIFY THAT THIS (AIRCRAFT) (ENGINE) (PROP)
 HAS BEEN INSPECTED IN ACCORDANCE WITH FAR AC
 43-13 APP(D) (ANNUAL INSPECTION) OR (100HRS. INSP.
 AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
 FOR RETURN TO SERVICE.

TACH TIME 1196.6 HOBBS TIME N/A

TOTAL TIME IN SERVICE 65-4.0 TTOE N/A

~~TIME~~ 65-4.0 TTSTO N/A

SIGNATURE Thomas W. Blaker
 INSP. AUTHORIZATION A&P 1885137 IA

DATE OF INSPECTION 01-03-2025

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA