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AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

PROPELLER LOG

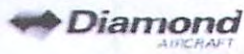
- | | |
|--------------------------------------|------------------------------|
| 1. Make: | MT-Propeller |
| 2. Model: | MTV-6-R-C-F/CF190-69 |
| 3. Specification Number: | EASA.P.094 |
| 4. Date of Manufacture: Sep 13, 2019 | Date Installed: Jan 14, 2020 |
| 5. Hub Serial Number: | 191176 |
| 6. Blades: | |
| a. Design Number: | CF 190-69 |
| b. Blade Serial Numbers: | |
| i. : | AKF-76763 |
| ii. : | AKF-76764 |
| iii. : | AKF-76765 |
| iv. : | |
| c. Pitch Setting | |
| i. Basic: | |
| ii. High: | |
| iii. Low: | 13.0 +/- 0.2 |
| iv. Reverse: | |
| v. | |



Section 4A: Propeller Service and Maintenance Record

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

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



DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 161-93

Registration: N421BL AC Serial Number: 42.N388
Aircraft Total Time: 31.4 Work Order: SO 072537
Prop LH SN: 191176 Prop LH TT: 31.4

- Propeller MTV-6-R-C-F/CF 190-69, S/N 191176 installed on Aircraft DA 42 S/N 42.N388, LEFT
- Total Time Prop brought forward: 31.4 hrs
- Prop and documentation inspected for Major Mod's and/or STC's incorporated, none found
- All applicable Airworthiness Directives, Service Bulletins complied with.
- AWD BI-weekly checked thru 2020-04.
- Next overhaul due at 2400 hrs OR January 2026, whichever occurs first
- Next inspection due: 100 hr inspection

The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness.



ACA

Date: FEB 24 2020

Blue Line Technical Services, LLC 3115 S Swift Creek Rd. Smithfield NC, 27577		LEFT Engine	
Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 130.3
S/N: N421BL	Eng: E4-C	Eng Serial: E4-C-00708	TT Adjust: 0
WORK PERFORMED:	130.3	Hobbs: 132.3	Total Time: 130.3
and Annual Inspection. Drained engine oil and replaced oil filter. Pulled oil sample. Serviced engine with 7 of Aeroshell Diesel ultra and using 100 hr kit (P/N: E4A-52-000-KIT). Drained and filtered gearbox oil, and cleaned oil filter. Replaced Fuel filter (P/N: 14K-24-3). Topped off coolant with G48. Ground excess stud on gearbox to prevent chaffing on cowling. All checked for compliance. Ground run and leak check good. I certify that engine has been inspected IAW FAR 43 App. D and Annual Inspection per FAR 43 App. D and Austro MM and was found to be in airworthy condition.			
Rachel Weiland AWP/A 3889250 Name/Certificate No.		Signature	5/12/2020 Date

THIS PAGE TOTAL	▶
PREVIOUS TOTAL BROUGHT FORWARD	
TOTAL SINCE NEW	

CARRY TOTALS FORWARD to Top of Next Page ▶

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

919-578-3728

Blue Line Technical Services, LLC
3149 B Swift Creek Rd.
Smithfield NC, 27577**LEFT Propeller**

Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 130.3
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191176	TT Adjust: 0
WORK PERFORMED:	SNEW: 130.3	Hobbs: 132.3	Total Time: 130.3

100hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. I certify that this propeller has been inspected IAW a 100hr and Annual inspection per FAR 43 App. D and MT Propeller MM and was determined to be in airworthy condition.

Rachel Weindt A&P/IA 3889290

Rachel Weindt

5/12/2020

Name/ Certificate No.

Signature

Date



919-578-3728

Blue Line Technical Services, LLC
3149 B Swift Creek Rd.
Smithfield NC, 27577**LEFT Propeller**

Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 226.2
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191176	TT Adjust: 0
WORK PERFORMED:	SNEW: 226.2	Hobbs: 262.4	Total Time: 226.2

100/200hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. I certify that this propeller has been inspected IAW a 100/200hr and Annual inspection per FAR 43 App. D and MT Propeller MM and was determined to be in airworthy condition.

Rachel Weindt A&P/IA 3889290

Rachel Weindt

8/7/2020

Name/ Certificate No.

Signature

Date



919-578-3728

Blue Line Technical Services, LLC
3149 B Swift Creek Rd.
Smithfield NC, 27577**LEFT Propeller**

Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 325.7
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191176	TT Adjust: 0
WORK PERFORMED:	SNEW: 325.7	Hobbs: 401.8	Total Time: 325.7

100/300hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. This is to certify that a 100/300hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.

Rachel Weindt A&P/IA 3889290

Rachel Weindt

11/5/2020

Name/ Certificate No.

Signature

Date

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Blue Line Technical Services, LLC
3149 B Swift Creek Rd.
Smithfield NC, 27577

LEFT Propeller

Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 618.7
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191176	TT Adjust: 0
WORK PERFORMED:	SNEW: 618.7	Hobbs: 846	Total Time: 618.7
100/200/300/600hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. This is to certify that a 100/200/300/600hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.			
Rachel Weindt A&P/IA 3889290	<i>Rachel Weindt</i>		7/12/2021
Name/ Certificate No.	Signature		Date



Blue Line Technical Services, LLC
3149 B Swift Creek Rd.
Smithfield NC, 27577

LEFT Propeller

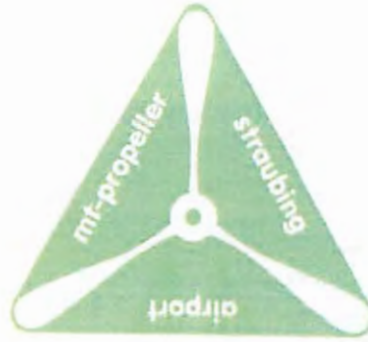
Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 717.4
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191176	TT Adjust: 0
WORK PERFORMED:	SNEW: 717.4	Hobbs: 1001.4	Total Time: 717.4
100hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. This is to certify that a 100hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.			
Rachel Weindt A&P/IA 3889290	<i>Rachel Weindt</i>		9/28/2021
Name/ Certificate No.	Signature		Date



Blue Line Technical Services, LLC
3149 B Swift Creek Rd.
Smithfield NC, 27577

LEFT Propeller

Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 816.8
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191176	TT Adjust: 0
WORK PERFORMED:	SNEW: 816.8	Hobbs: 1153.3	Total Time: 816.8
100/200hr and Annual inspection. Removed spinner. Inspected for leaks and security. Removed prop to change gearbox. Reinstalled prop with new O-ring (P/N: C048-A) and new nuts 6 ea (P/N: C-067). Reinstalled spinner. Checked all ADs for compliance. This is to certify that a 100/200hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.			
Rachel Weindt A&P/IA 3889290	<i>Rachel Weindt</i>		12/14/2021
Name/ Certificate No.	Signature		Date



mt-propeller

The Winner's Propeller

PROPELLER LOGBOOK

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

191176 LH

MTE - 1198
Juni 2005

Owner Name _____

Address _____

Propeller Model MTV-6-R-C-F

Blade Model CF 190-69

Hub Serial No. 191176

Blade Serial No. 1 AKF-76763 Propeller Diameter: 190 cm \pm 0,5 cm

2 AKF-76764 Low Pitch: 13 ° \pm 0,2 ° TCI: 72 Month


3 AKF-76765 High Pitch: / ° \pm / ° TBO: 2400 Hrs.

4 _____ Feathering: 80 ° \pm 1 °

5 _____ Reverse: / ° \pm / °

6 _____ at radius station: 71 cm

MAINTENANCE & SERVICE HISTORY

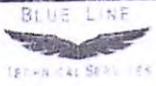
Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
Sep 13 2019	00 : 00	—	Manufactured	 <i>M. J. ...</i>
14.01. 2020	00 : 00	—	installed DA42NG 42N368 LH	


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


AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

		Blue Line Technical Services, LLC 3149 B Swift Creek Rd. Smithfield NC, 27577		RIGHT Propeller	
Make: Diamond	Model: DA42NG	Serial No: 42 N388	Tach: 226.2		
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191177	TT Adjust: 0		
WORK PERFORMED:		SNEW: 226.2	Hobbs: 262.4	Total Time: 226.2	
100/200hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. I certify that this propeller has been inspected IAW a 100/200hr and Annual inspection per FAR 43 App. D and MT Propeller MM and was determined to be in airworthy condition.					
Rachel Weilandt A&P/IA 3889290		<i>Rachel Weilandt</i>		8/7/2020	
Name/ Certificate No.		Signature		Date	

		Blue Line Technical Services, LLC 3149 B Swift Creek Rd. Smithfield NC, 27577		RIGHT Propeller	
Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 325.7		
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191177	TT Adjust: 0		
WORK PERFORMED:		SNEW: 325.7	Hobbs: 401.8	Total Time: 325.7	
100/300hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. This is to certify that a 100/300hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.					
Rachel Weilandt A&P/IA 3889290		<i>Rachel Weilandt</i>		11/5/2020	
Name/ Certificate No.		Signature		Date	


		Blue Line Technical Services, LLC 3149 B Swift Creek Rd. Smithfield NC, 27577		RIGHT Propeller	
Make: Diamond	Model: DA42NG	Serial No. 42.N388	Tach: 425.2		
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191177	TT Adjust: 0		
WORK PERFORMED:		SNEW: 425.2	Hobbs: 545.4	Total Time: 425.2	
100/200hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. This is to certify that a 100/200hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.					
Rachel Weilandt A&P/IA 3889290		<i>Rachel Weilandt</i>		2/11/2021	
Name/ Certificate No.		Signature		Date	

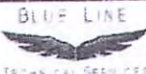
Section 4A: Propeller Service and Maintenance Record


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


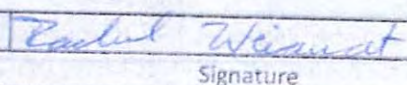
DESCRIPTION OF WORK PERFORMED:
(INSPECTION, REPAIRS, REPLACEMENT)

BROUGHT FORWARD →

		Blue Line Technical Services, LLC 3149 B Swift Creek Rd. Smithfield NC, 27577		RIGHT Propeller	
Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 521.7		
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191177	TT Adjust: 0		
WORK PERFORMED:	SNEW: 521.7	Hobbs: 694.5	Total Time: 521.7		
100hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Touched up black paint on blades. Checked all ADs for compliance. This is to certify that a 100hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.					
Rachel Weindt A&P/IA 3889290		<i>Rachel Weindt</i>		5/7/2021	
Name/ Certificate No.		Signature		Date	

		Blue Line Technical Services, LLC 3149 B Swift Creek Rd. Smithfield NC, 27577		RIGHT Propeller	
Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 618.7		
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191177	TT Adjust: 0		
WORK PERFORMED:	SNEW: 618.7	Hobbs: 846	Total Time: 618.7		
100/200/300/600hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. This is to certify that a 100/200/300/600hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.					
Rachel Weindt A&P/IA 3889290		<i>Rachel Weindt</i>		7/12/2021	
Name/ Certificate No.		Signature		Date	

		Blue Line Technical Services, LLC 3149 B Swift Creek Rd. Smithfield NC, 27577		RIGHT Propeller	
Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 717.4		
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191177	TT Adjust: 0		
WORK PERFORMED:	SNEW: 717.4	Hobbs: 1001.4	Total Time: 717.4		
100hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. This is to certify that a 100hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.					
Rachel Weindt A&P/IA 3889290		<i>Rachel Weindt</i>		9/28/2021	
Name/ Certificate No.		Signature		Date	

 Blue Line Technical Services, LLC 3149 B Swift Creek Rd. Smithfield NC, 27577		RIGHT Propeller	
Make: Diamond	Model: DA42NG	Serial No: 42.N388	Tach: 816.8
Reg. No: N421BL	Prop Model: MTV-6	Prop Serial: 191177	TT Adjust: 0
WORK PERFORMED:		SNEW: 816.8	Hobbs: 1153.3
100/200hr and Annual inspection. Removed spinner. Inspected for leaks and security. Reinstalled spinner. Checked all ADs for compliance. This is to certify that a 100/200hr and Annual inspection was performed in accordance with the inspections and procedures of Blue Line Aviation, LLC's Approved Aircraft Inspection Program required by 14 CFR 135.419 and 14 CFR 43. This propeller has been determined to be in airworthy condition and is approved for return to service.			
Rachel Weindt A&P/IA 3889290			12/14/2021
Name/ Certificate No.		Signature	Date

Registration #: N421BL
Manufacturer: MT Propeller
Serial No: RIGHT - 191177
Part/Model No: MTV-6-R-C-F/CF190-69
Work Order No: 840

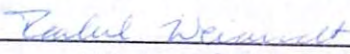


TACH: 829.30
HOBBS: 1,179.90
A/C Total Time: 829.30
Prop TSN:
Date: 12/16/2022

- Annual inspection. Removed spinner, checked for security and leaks. Reinstalled spinner. Checked all ADs for compliance. I certify that this propeller has been inspected IAW an Annual inspection per FAR 43 App. D and MT Propeller Operation Manual and was determined to be in an airworthy condition.

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH BLUE LINE TECHNICAL SERVICES LLC AND CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME IN RETURN TO SERVICE.

Pertinent details of maintenance are held in this Maintenance Facility under Work Order No 840 dated .

Date: 12/16/2022 Signature:  Work Order: 840
 AP Number: A-P 3289290 1A

Registration #: N421BL
Manufacturer: MT Propeller
Serial No: 191177 RIGHT
Part/Model No:
Work Order No: 2167

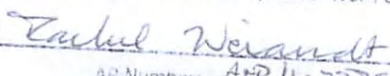


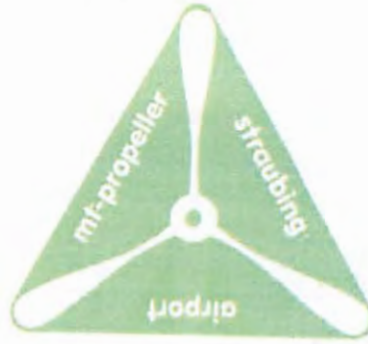
TACH: 873.50
HOBBS: 1,231.00
A/C Total Time: 873.50
Prop TSN: 873.50
Date: 01/24/2024

- RH Prop Annual Inspection. Removed spinner, inspected hardware, attachment, and blades. Reinstalled spinner. I certify this prop was inspected IAW an Annual Inspection per FAR 43 App. D and MT prop MM and was determined to be in an airworthy condition.

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH BLUE LINE TECHNICAL SERVICES LLC AND CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME IN RETURN TO SERVICE.

Pertinent details of maintenance are held in this Maintenance Facility under Work Order No 2167 dated 1/24/2024.

Date: 1/24/2024 Signature:  Work Order: 2167
 AP Number: A&P/IA 3289290



mt-propeller

The Winner's Propeller

PROPELLER LOGBOOK

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

191177 RH

MTE - 1198
Juni 2005

Owner Name _____

Address _____

Propeller Model MTV-6-R-C-F

Blade Model CF 190-69

Hub Serial No. 191177

Blade Serial No. 1 AKF-76769 Propeller Diameter: 190 cm ± 0,5 cm

2 AKF-76770 Low Pitch: 13 ° ± 0,2 ° TCI: 72 Month

3 AKF-76771 High Pitch: / ° ± / ° TBO: 2400 Hrs.

4 _____ Feathering: 80 ° ± 1 °

5 _____ Reverse: / ° ± / °

6 _____ at radius station: 71 cm

INSTALLATION HISTORY

Date	Aircraft Model, Registration & Serial No., Tacho or Hobbs-Time
14.01.2020	installed DA42NG 42.N388 RH 