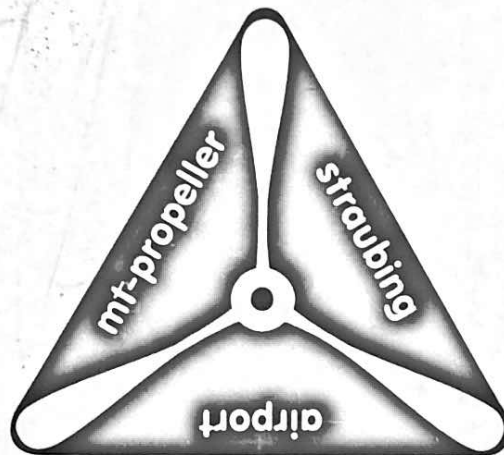


LOG # 2



mt-propeller

The Winner's Propeller

PROPELLER LOGBOOK

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

Owner Name _____

Address _____

Propeller Model MTV-27-1-N-C-F-R(P)

Blade Model CFR260-65a

Hub Serial No. MA361

Blade Serial No. 1 ACA-41775

2 ACA-41776

3 ACA-41777

4 ACA-41778

5 ACA-41779

6 /

Propeller Diameter: 260 cm ± 0,5 cm

Low Pitch: 19,5 ° ± 0,2 ° TCI: 72 Month

High Pitch: / ° ± / ° TBO: 2000 Hrs.

Feathering: 79,5 ° ± 1 °

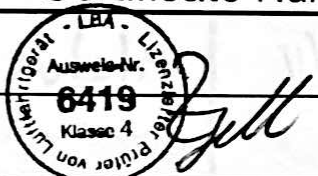
Reverse: -20 ° ± 1 °

at radius station: 97,5 cm

INSTALLATION HISTORY

Date	Aircraft Model, Registration & Serial No., Tacho or Hobbs-Time
6/23/11	Pilatus PC12/45, N452GH s/n:628, AFTT 1361.5 Prop TT: 0.0

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
May 12 2011	—	—	—	
	00:00	—	Manufactured	

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

June 2011

MTV-27-1-N-C-F-R(P)/CFR260-65a

TSN: 0.0 hours
S/N: 110361

Assembled propeller in accordance with W/O: 11-228MT and overhaul manual E-680.
 Blade S/N: 1) ACA-41775 2) ACA-41776 3) ACA-41777
 4) ACA-41778 5) ACA-41779

Blades correspond to S.B. 5 and 8B.

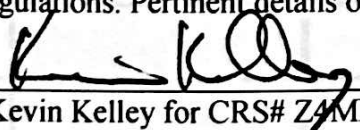
Year of manufacture: 2011

I certify this propeller has been assembled and inspected, and determined to be in
 airworthy condition at this time. Return to service this date, June 06, 2011

Juergen Zahner, Chief Inspector Q4MR908Y *Zahner*

NOTE: I

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
June 23, 2011		Pilatus	<u>Mather Aviation LLC</u>	
N452GH PC 12/45		Authorized Service Center	Hayward Executive Airport	
MTV-27-1-N-C-F-R(P) / CFR260-65A S/N: 110361			FAA CRS No. Z4MR560Y	
Meter: 1361.5 TSN: 0.00			SO#: 612279	
<p>This is a permanent part of the Propeller Records The following inspection, maintenance, repairs or replacements were accomplished.</p> <ol style="list-style-type: none"> 1. This propeller installed 110361 in accordance with STC# SA02742NY per Installation Instruction Document No. E-1824 Rev. 2, dated 11/10/10. See FAA Form 337 for pertinent details. 2. Post installation Dynamic Balance complied with by CRS# S5UR963J. See log entry for pertinent details and Approval for return to Service. 				
<p>Technician(s): D. Mowery</p> <p>This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations. Pertinent details of the work performed are on file at this facility.</p>				
<p>Inspector: </p> <p style="margin-left: 40px;">Kevin Kelley for CRS# Z4MR560Y</p>				

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

MAINTENANCE & SERVICE HISTORY

December 9, 2011

N452GH PC 12/45

MTV-27-I-N-C-F-R(P) / CFR260-65A S/N: 110361

Meter: 1460.0 PropTSN: 98.5

Pilatus

Authorized Service Center

Mather Aviation LLC

Hayward Executive Airport

FAA CRS No. Z4MR560Y

WO#: 612816

Authorized Signatures
Repairman and Station
Certificate Numbers

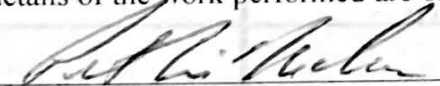
This is a permanent part of the **Propeller Records** The following inspection, maintenance, repairs or replacements were accomplished.

1. 100 hour inspection completed per Pilatus IETP Rev. 15 containing AMM Rev. 22 chapter 05-20-20 Annual Inspection Checklist.

Technician(s): P. McClure

I certify that this aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and with a **Pilatus PC-12/45 100 hour Inspection** in accordance with FAR 91.409(F)(3), was determined to be in an airworthy condition, and is approved for return to service. Pertinent details of the work performed are on file at this facility.

Inspector:



Peter McClure for CRS# Z4MR560Y

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

M

W/O#: 36U-13P-4305
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A
Total Time: 359.9
Hobbs: 1271.4
Cycles: N/A
SMOH: N/A

Date

I certify that this propeller has been inspected in accordance with a **100-Hour Inspection** using PC-12 AMM 12-A-05-20-10-00A-281A-A / manufacturer's maintenance instructions and was determined to be in airworthy condition. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 3/6/13

Authorized Inspector:


Jeff Dowling

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W/O#: 36U-13P-4412
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

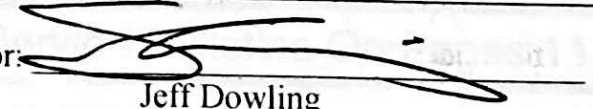
Tach: N/A
Total Time: 465.5
Hobbs: 1827.0
Cycles: N/A
SMOH: N/A

I certify that this propeller has been inspected in accordance with a 100-Hour / Annual Inspection using the Pilatus AMM 12-A-05-20-20-00A-281A-A along with the manufacturer's maintenance instructions and was determined to be in airworthy condition. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

NOTE:

Date: 8/30/13

Authorized Inspector:


Jeff Dowling

2

F.

W/O#: 36U-14P-4521
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A
Total Time: 600.1
Hobbs: 1961.6
Cycles: N/A
SMOH: N/A

Date

I certify that this propeller has been inspected in accordance with a **100-Hour Inspection** using PC-12 AMM 12-A-05-20-10-00A-281A-A / manufacturer's maintenance instructions and was determined to be in airworthy condition.

Addressed the following Discrepancies:

Performed Minor #3 Propeller Blade Tip Repair (due to damage with a Tow Bar) IAW MT-Propeller Design Repair Notice (DNR) -003 (Form E-1721 RD), dated 3/19/2014, using Materials provided by Manufacturer.
The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 4/17/14

Authorized Inspector:

[Signature]
Toda Hopkinson

W/O#: 36U-14P-4600
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A
Total Time: 669.6
Hobbs: 2031.1
Cycles: N/A
SMOH: N/A

I certify that this propeller has been inspected in accordance with a **100-Hour / Annual Inspection** using the Pilatus AMM 12-A-05-20-20-00A-281A-A along with the manufacturer's maintenance instructions and was determined to be in airworthy condition.
The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 8/18/14

Authorized Inspector:

[Signature]
Randell Ranson

atures
Station
ibers

F.A.A

W/O#: 36U-14P-4633
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A
Total Time: 695.3
Hobbs: 2056.8
Cycles: N/A
SMOH: N/A

Date

To

Addressed the following Discrepancies:

#4 Propeller Blade Deice Boot replaced with new P/N: 4E3545-2 IAW MT-Propeller Overhaul Manual 61-12-90. Operational checks IAW AMM were satisfactory.

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 9/24/14

Authorized Inspector:

Todd Hopkinson

W/O#: 36U-15P-4713
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A
Total Time: 795.5
Hobbs: 2157.0
Cycles: N/A
SMOH: N/A

I certify that this propeller has been inspected in accordance with a **100-Hour Inspection** using PC-12 AMM 12-A-05-20-10-00A-281A-A / manufacturer's maintenance instructions and was determined to be in airworthy condition.

Addressed the Following Discrepancies:

Filled & Painted small nick in #1 Propeller Blade Face IAW Section 7.4.2 of MT Propeller Manual No. E-1083.

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 2/11/15

Authorized Inspector:

Randell Ranson

W/O#: 36U-15P-4795
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH

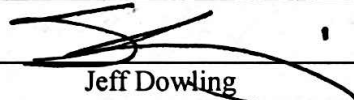


1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A
Total Time: 929.2
Hobbs: 2290.7
Cycles: N/A
SMOH: N/A

I certify that this propeller has been inspected in accordance with a **100-Hour / Annual Inspection** using the Pilatus AMM 12-A-05-20-20-00A-281A-A along with the manufacturer's maintenance instructions and was determined to be in airworthy condition. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 8/18/15

Authorized Inspector: 

Jeff Dowling

W/O#: 36U-16P-4924
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A
Total Time: 483.3
Hobbs: 2458.2
Cycles: N/A
SMOH: N/A

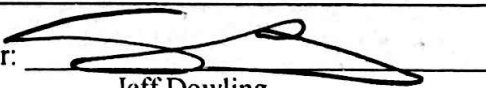
I certify that this propeller has been inspected in accordance with a **100-Hour Inspection** using PC-12 AMM 12-A-05-20-10-00A-281A-A / manufacturer's maintenance instructions and was determined to be in airworthy condition.

Addressed the Following Discrepancies:

Filled Dent in Leading Edge of Propeller Blade with Epoxy Adhesive and blended repair to proper profile IAW Manufacturer's Recommendations.

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 4/21/16

Authorized Inspector: 

Jeff Dowling

W/O#: 36U-16P-4986
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Hobbs: 2533.7
Total Time: 1172.2
TSO: N/A

I certify that this propeller has been inspected in accordance with a **100-Hour / Annual Inspection** using the Pilatus AMM 12-A-05-20-20-00A-281A-A along with the manufacturer's maintenance instructions and was determined to be in airworthy condition. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 8/24/16

Authorized Inspector:


Jeff Dowling

W/O#: 36U-17P-5045
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Hobbs: 2635.9
Total Time: 1274.4
TSO: N/A

Propeller Model MTV-27-1-N-C-F-R (P) / CFR260-65a, S/N: 110361 removed and sent out for Propeller Strike Inspection / Repair due to one Prop Blade hitting Hangar Door while towing. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 2/2/17

Authorized Inspector:


Todd Hopkinson

USE OF LOGBOOK

Owner Name _____

Address _____

Propeller Model MTV-27-1-N-C-F-R (P)

Blade Model CFR 260-65a

Hub Serial No. 110361

Blade Serial No. 1 AHC-60424 Propeller Diameter: _____ cm ± _____ cm

2 AAJ-38630 Low Pitch: _____ ° ± _____ ° TCI: _____ Month


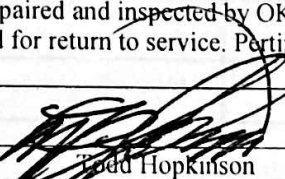
3 AAJ-38631 High Pitch: _____ ° ± _____ ° TBO: _____ Hrs.

4 ACK-44517 Feathering: _____ ° ± _____ °

5 AAJ-38633 Reverse: _____ ° ± _____ °

6 N/A at radius station: _____ cm

MAINTENANCE & SERVICE HISTORY

Date	W/O#: 36U-17P-5045 Make: MT Propeller Model: MTV-27-1-N-C-F-R(P)/CFR260-65A S/N: 110361 Reg #: N452GH	 <p>1980 Airport Rd. Hangar A Heber City, UT 84032</p>	Hobbs: 2635.9 Total Time: 1274.4 TSO: N/A	Hours Station Numbers
	<p>Propeller Model MTV-27-1-N-C-F-R (P) / CFR260-65a, S/N: 110361 re-installed IAW Applicable Sections of the MT-Propeller Operation and Installation Manual E-1083, ATA 61-00-83 after Repair accomplished by MT-Propeller USA, Inc. (See Logbook Entry and FAA Form 8130-3 for W/O#: 17-097MT). Accomplished Propeller Dynamic Balance IAW Section 8.6 of the MT Propellers Installation and Operation Manual No. E-1083, ATA 61-00-83. Initial Run: 1.344 IPS. Removed the existing Weight that came on Propeller Spinner Bulkhead after repair as follows: 64.1g @15°, 52.3 g @ 40°, and 51.7 g @ 80°. Added Weight as follows: 62.3 g @30°, 63 g @ 40°, and 62 g @ 60°. Final Run: .106 IPS. Leak / Operational Checks were satisfactory. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.</p>			
	Date: 4/4/17	Authorized Inspector:	 Todd Hopkinson	
NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12				

W/O#: 36U-17P-5144

Make: MT Propeller

Model: MTV-27-1-

N-C-F-R(P)/CFR260-65A

S/N: 110361

Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Hobbs / ACTT: 2691.3

Total Time: 1329.8

TSO: N/A

Y

Date

I certify that this Propeller has been inspected in accordance with a **100-Hour / Annual Inspection** using 14 CFR Part 43, Appendix D along with the Checklist in Section 12-A-05-20-20-00A-281A-A of the Pilatus PC-12 AMM and the Manufacturer's Maintenance Instructions. The propeller was determined to be in airworthy condition.

Addressed the following Discrepancies:

Accomplished a Minor Tip Repair to Propeller Blade S/N: AAJ38631 (due to minor delamination) IAW MT-Propeller Design Repair Notice (DNR) -003, Form E-1721 RD using Epoxy Adhesive.

Checked Propeller Dynamic Balance IAW Section 8.6 of the MT Propellers Installation and Operation Manual No. E-1083, ATA 61-00-83. Results of 0.106 IPS are within limits.

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 8/2/17

Authorized Inspector:

Jeff Dowling

atures
Station
nbers

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

W/O#: OK3-18-5277
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Hobbs: 2824.2
ACTT: 2824.2
Prop TSN: 1462.7
Prop TSO: N/A

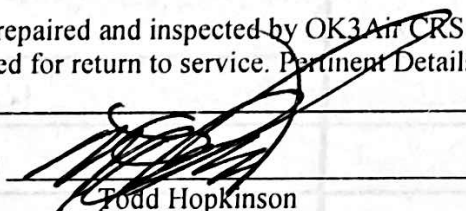
RY

I certify that this Propeller has been inspected in accordance with a **100-Hour Inspection** using 14 CFR Part 43, Appendix D along with the Checklist in Section 12-A-05-20-10-00A-281A-A of the Pilatus PC-12 AMM and the Manufacturer's Maintenance Instructions. The propeller was determined to be in airworthy condition. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3 Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Signatures
and Station
Numbers

Date: 4/11/18

Authorized Inspector: _____


Todd Hopkinson

W/O#: OK3-18-5363
Make: MT Propeller
Model: MTV-27-1-
N-C-F-R(P)/CFR260-65A
S/N: 110361
Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Hobbs: 2904.0
ACTT: 2904.0
Prop TSN: 1542.5
Prop TSO: N/A

MT Propeller Model MTV-27-1-N-F-C-R (P), S/N: 110361 (TSN: 1542.5) removed from Engine S/N: PCE-PR0497 (TSN: 2904.0 / CSN: 1806) and Airframe S/N: 628 (ACTT: 2904.0 / LDGS: 1806) and sent out for Repair (could not Dynamically Balance). Therefore, the previously incorporated STC# SA02742NY has been temporarily removed. Amended W&B Records. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3 Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 8/27/18

Authorized Inspector: _____


Jeff Dowling

11 & 12

Time

Since Overhaul

Description Of Work

Authorized Signatures
Repairman and Station
Certificate Numbers

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-27-1-N-C-F-R(P)/CFR260-65a S/N: 110361
Propeller TSN: 1542.5 Propeller TSO: 0.0 hrs.

Overhauled propeller in accordance with W/O # 19-099MT and Overhaul Manual E-680.
Installed 5 factory overhauled blades.

Blade S/N: 1) ABF-40159 2) ABF-40160 3) ABF-40161 4) ABF-40162 5) ABF-40163
Year of Manufacture: 2011

I certify this propeller has been overhauled and determined to be in airworthy condition at
this time. Return to service this date, May 1, 2019

Peter Marshall, Chief Inspector Q4MR908Y 

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

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Description Of Work	Authorized Signatures Repairman and Station Numbers
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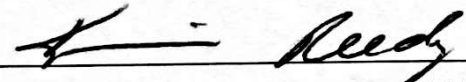
2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	PC-12/45	<i>Propeller Log</i>	Work Order No.	02M-11343
Serial No.	443		Hour Meter	3329.6
Registration	N552TC		Aircraft Total Time	3329.6
Propeller Model	MTV-27-1-N-C-F-R(P)		Propeller TSN	1542.5
Propeller Serial	110361		Propeller TSOH	0.0

- Installed overhauled MT propeller P/N MTV-27-1-N-C-F-R(P), S/N 110361 referencing Pilatus PC-12 AMM section 12-A-61-10-01-00A-920A-A and MT Propeller Operational and Installation Manual section 61-00-83. Functional checks good at this time.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed:  **Kevin Reedy** Date: JUN 25, 2019
FAA Repair Station No. EKGR571D

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
------	----------------------	---------------------	---------------------	---



2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	PC-12/45	<h2>Propeller Log</h2>	Work Order No.	02M-11974
Serial No.	443		Hour Meter	3471.5
Registration	N552TC		Aircraft Total Time	3471.5
Propeller Model	MTV-27-1-N-C-F-R(P)		Propeller TSN	1684.4
Propeller Serial	110361		Propeller TSOH	0.0

- Complied with 150 Hour /12 Month MT Propeller Periodic Inspection in accordance with MT Propeller E-1083 Operation and installation manual section 7.2. No discrepancies noted.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed: _____  Dave Clifton Date: June 5, 2020
FAA Repair Station No. EKGR571D

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

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-27-1-N-C-F-R(P)/CFR260-65a

S/N: 100252

Propeller TSN: Not provided

Propeller TSO: 0.0 hrs.

Overhauled propeller in accordance with W/O # 19-070MT and Overhaul Manual E-680.

Installed 5 factory new blades.

Blade S/N: 1) AJI-72558 2) AJI-72559 3) AJI-72560 4) AJI-72561 5) AJI-72562

Year of Manufacture: 2010

I certify this propeller has been overhauled and determined to be in airworthy condition at this time. Return to service this date, March 28, 2019.

Peter Marshall, Chief Inspector Q4MR908Y

01 AUG 2019
TTSN 1569.7 TTSO 27.2
Repaired and functional tested.
Refer to work order # 14148
and 8130-3 # 38897.

Blum

Brooke Warner
Warner Propeller Tucson AZ
FAA CRS# W59R659N





2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX


TIN/

Model	PC-12/45	<h2>Propeller Log</h2>	Work Order No.	02M-11343
Serial No.	443		Hour Meter	3356.8
Registration	N552TC		Aircraft Total Time	3356.8
Propeller Model	MTV-27-1-N-C-F-R(P)		Propeller TSN	1569.7
Propeller Serial	110361		Propeller TSOH	27.2

Signatures
and Station
Numbers

- Removed MT propeller P/N MTV-27-1-N-C-F-R(P), S/N 110361 referencing Pilatus PC-12 AMM section 12-A-61-10-01-00A-920A-A and MT Propeller Operational and Installation Manual section 61-00-83.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed:  Kevin Reedy Date: July 26, 2019

FAA Repair Station No. EKGR571D



2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	PC-12/45	<h2>Propeller Log</h2>	Work Order No.	02M-11343
Serial No.	443		Hour Meter	3368.5
Registration	N552TC		Aircraft Total Time	3368.5
Propeller Model	MTV-27-1-N-C-F-R(P)		Propeller TSN	1569.7
Propeller Serial	110361		Propeller TSOH	27.2

- Installed repaired MT propeller P/N MTV-27-1-N-C-F-R(P), S/N 110361, see FAA form 8130-3 from Warner Propeller CRS# W59R659N, Work Order# 14148, dated 01AUG2019, referencing Pilatus PC-12 AMM section 12-A-61-10-01-00A-920A-A and MT Propeller Operational and Installation Manual section 61-00-83. Functional checks good at this time.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed:

Kevin Reedy

Date: AUG 13, 2019

FAA Repair Station No. EKGR571D

END LOG #5



2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	PC-12/45	<h2>Propeller Log</h2>	Work Order No.	02M-12595
Serial No.	443		Hour Meter	3764.8
Registration	N552TC		Aircraft Total Time	3764.8
Propeller Model	MTV-27-1-N-C-F-R(P)		Propeller TSN	1966.0
Propeller Serial	110361		Propeller TSOH	423.5

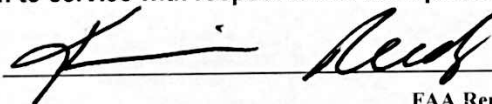
Scheduled Maintenance or Inspections

- Complied with 400 Hour / 12 Month Propeller Periodic Inspection referencing MT Propeller MM E-1083 61-00-83.

Airworthiness Directives or Service Bulletins

- AD's researched through Biweekly 2021-12.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed:  Kevin Reedy Date: JUN 18, 2021

FAA Repair Station No. EKGR571D

END LOG # 2



Leading the Business of Aviation

2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	PC-12/45	<h2>Propeller Log</h2>	Work Order No.	02M-12595
Serial No.	443		Hour Meter	3764.8
Registration	N552TC		Aircraft Total Time	3764.8
Propeller Model	MTV-27-1-N-C-F-R(P)		Propeller TSN	1966.0
Propeller Serial	110361		Propeller TSOH	423.5

Scheduled Maintenance or Inspections

- Complied with 610100 - 150 Hour / 12 Month Propeller Periodic Inspection referencing MT Propeller MM E-1083 61-00-83.

Airworthiness Directives or Service Bulletins

- AD's researched through Biweekly 2021-12.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed:

Kevin Reedy

Date: JUN 18, 2021

FAA Repair Station No. EKGR571D

PROPELLER MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N552TC
Propeller Manufacturer MT
Hub Model MTV-27-1-N-C-F-R(P) CFR 260-65a
Hub Serial No. 110361
Blade Design No. _____
Blade Serial No. _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

Pitch Range:

Low _____ High / Latch _____
Feather _____ Reverse _____



Governor Manufacturer _____


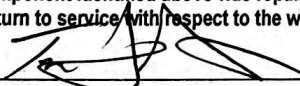
Model No. _____


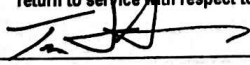
Serial No. _____

For technical support call: 800-292-7767

DATE	TSN	TSO	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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 Leading the Business of Aviation		2802 Old Tower Road Phoenix Arizona 85034 FAA Repair Station No. EKGR571D		602-267-4070 Phone 602-267-4030 FAX	
Model	PC-12/45	Propeller Log	Work Order No.	02M-13374	
Serial No.	443		Hour Meter	4203.5	
Registration	N552TC		Aircraft Total Time	N/A	
Propeller Model	MTV-27-1-N-V-F- R(P)/CFR260-65A		Propeller TSN	2423.6	
Propeller Serial	110361		Propeller CSN	587	
Discrepancy					
<ul style="list-style-type: none"> (Troubleshoot prop de-ice)-Upon inspection found that the Left OAT wires disconnected from the OAT sensor and were over crimped. Re-crimped new pins/ Found a terminal that has strands showing. Added insulator to the strands. Performed operational check and passed the operational check. Removed and installed new Goodrich 3-wire harness P/N 4E2071-2 on pro de-ice system Ref. MT Propeller Operation and installation Manual ATA 61-01-24. <p>The aircraft and /or component identified above was repaired and inspected in accordance with current CFR Title 14 Part 91.409 (f) (3) and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.</p>					
Signed: 		Timothy M Johnston		Date: October 05, 2022	
FAA Repair Station No. EKGR571D					

 Leading the Business of Aviation		2802 Old Tower Road Phoenix Arizona 85034 FAA Repair Station No. EKGR571D		602-267-4070 Phone 602-267-4030 FAX	
Model	PC-12/45	Propeller Log	Work Order No.	02M-13169	
Serial No.	443		Hour Meter	4063.50	
Registration	N552TC		Aircraft Total Time	N/A	
Propeller Model	MTV-27-1-N-V-F- R(P)/CFR260-65A		Propeller TSN	N/A	
Propeller Serial	110361		Propeller CSN	N/A	
Scheduled Maintenance or Inspections					
<ul style="list-style-type: none"> Complied with 610100-12-Month, Propeller Inspection. Ref. MT Propeller Manual E-124 61-01-24. CW 76-10/117-12-Month, Functional test of the propeller microswitches. Ref. Pilatus PC-12 AMM 12-A-76-10-02-00A-903A-A. 					
Discrepancies					
<ul style="list-style-type: none"> Sealed crack on propeller epoxy coating trailing edge and spray-painted black paint. Ref. MT-Propeller Service Letter 32 R8. 					
Airworthiness Directives or Service Bulletins					
<ul style="list-style-type: none"> Verified Service Bulletin SB 1 R07 Supp 01. No. 1 propeller, time between overhaul of propellers, governors, & oil-accumulators (TBO). MT-Propeller SB 1 R7. Propeller total time since overhaul - 733.9. Propeller due overhaul in 1,266.1 Hours/36 Months. Ref. Log Entry Dated Jun 25, 2019. Airworthiness Directives Reviewed Biweekly through 2022-12. 					
<p>The aircraft and /or component identified above was repaired and inspected in accordance with current CFR Title 14 Part 91.409 (f) (3) and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.</p>					
Signed: 		Timothy M Johnston		Date: 06-06-2022	
FAA Repair Station No. EKGR571D					

 Leading the Business of Aviation		2802 Old Tower Road Phoenix Arizona 85034 FAA Repair Station No. EKGR571D		602-267-4070 Phone 602-267-4030 FAX	
Model	PC-12/45	Propeller Log	Work Order No.	02M-13829	
Serial No.	443		Hour Meter	4320.8	
Registration	N552TC		Aircraft Total Time	N/A	
Propeller Model	MTV-27-1-N-C-F-R(P)		Propeller TSN	2540.2	
Propeller Serial	110361		Propeller TSO	N/A	
Scheduled Maintenance or Due Items					
<ul style="list-style-type: none"> Complied with 610100-No. 1 Propeller-Inspection. Reference MT propeller manual No. E 1083. 					
Discrepancy					
<ul style="list-style-type: none"> (3 prop de-ice boot lead chafe protection sleeves worn)-Installed new chafe strips on 3(ea.) deice boot leads. Ref. MT propeller manual NO. E 1083. 					
Airworthiness Directives or Service Bulletins					
<ul style="list-style-type: none"> FAA AD 2022-18-02 not applicable to installed Propeller. Propeller P/N MTV-27-1-N-C-F-R(P)/CFR260-65a, S/N 110361. Reference MT Propeller ASB No. 30 R8. Airworthiness Directives Reviewed Biweekly through 2023-05. 					
<p>The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.</p>					
Signed: 		Timothy M Johnston		Date: March 8, 2023	
FAA Repair Station No. EKGR571D					



2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

Model	PC-12/45
Serial No.	443
Registration	N552TC
Propeller Model	MTV-27-1-N-C-F-1P1
Propeller Serial	110361

Propeller Log

Work Order No.
Hour Meter
Aircraft Total Time
Propeller TSN
Propeller CSN

Scheduled Maintenance or Inspections

- C/W 610100-12-Month-No. 1 propeller-detailed propeller inspection. Ref. MT Propeller CMM inspection guide e-1083.

Discrepancies

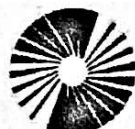
- (#5 propeller blade de-ice boot electrical terminal block stripped)-Replaced #5 propeller blade counterweight clamp with deice boot lead terminal block with New P/N A-1650-1. Ref. MT propeller SL No. 15R1 and MT propeller manual E680.
- (#5 propeller de-ice boot harness chafe protection worn and requires replacement)-Installed new heat shrink to #5 propeller harness. Ref. MT Propeller CMM E-1083 61-00-83.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations. The aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed:

Martin Miller D:

FAA Repair Station No. EKGR571D



MartinAviation®

**N552TC PILATUS PC-12/45 S/N 443 ACTT 4601.3 LNDS 3132
MODEL MTV-27-1-N-C-F-R(P)/CFR260-65a
S/N 110361 TSN 2802.4 TSO 1259.9**

Performed a 300 FH, 300 FH/12 Mo., 600 FH/12 Mo., 1200 FH/12 Mo., 2400 FH/24 Mo. Propeller Inspection in accordance with the Pilatus PC-12 IETP Doc.# 02216, Rev.# 40, dated 10/02/2023 and MT Propeller Operation and Installation Manual # E-1083 Issue # 39 dated May 15, 2024 Section 7.0.

- Performed 300hr./12mo. MT-Propeller inspection.
- Adjusted propeller low pitch warning switch for correct operation IAW PC-12 AMM.
- ADs checked for compliance through BW 2024-11.

I certify that this propeller has been inspected in accordance with a 300 FH, 300 FH/12 Mo., 600 FH/12 Mo., 1200 FH/12 Mo., 2400 FH/24Mo. Airframe and Engine Inspection and was determined to be in airworthy condition with respect to the work performed.

Signed

W.O.# 25297

Dated 06/06/2024

**Nicholas Delawder-Chief Inspector
MARTIN AVIATION, MAINTENANCE
19300 IKE JONES ROAD, SANTA ANA, CA 92707
RS CERT.# M8VR406N**