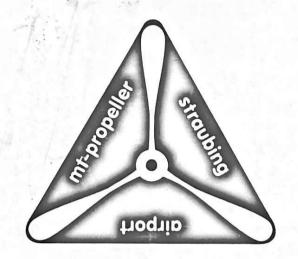
Lob#2



# mt-propeller

The Winner's Propeller

## PROPELLER LOGBOOK

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

### USE OF LOGBOOK

Owner Name	
Address	to the complete set to be a set to be be the content of
Propeller Model $MTV-27-N-C-F-R(P)$ Blade Model $CFR260-65a$ Hub Serial No. $1ACA-41775$ $2ACA-41776$ $3ACA-41778$ $5ACA-41779$ 6	Propeller Diameter: $260 \text{ cm} \pm 95 \text{ cm}$ Low Pitch: $95 \cdot \pm 92 \cdot \text{TCI}$ : $400 \cdot \pm 100 \cdot \pm 1000 \cdot \pm 10000 \cdot \pm 10000 \cdot \pm 1000 \cdot \pm 10000 \cdot $

# INSTALLATION HISTORY

Date	domest.				al No., Tacho or h		
6/23/11	Pilatus	PC12/45	NYSZGH	5/w:628,	AFTT 1361.5	drop 11: 0.0	100
37	81.00	A STATE OF	103030	W.A. Spiller			
+ .)							
		ALL MAD					
		al-matrice in					
		1 - Number					

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
ay 12	0.0 11	HTT USES &	12/48 NUSCER 1/2000	& Ausweig-Nr.
om	00:00	_	Maun factured	Klassec 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	Phone: (3	ler USA, Inc. 118 FAA Appro 86) 736-7762 Fax:	0 Airport Terminal Drive, DeLand, I ved Repair Station Q4MR908Y (386) 736-7696 E-mail: info@mt-prope	FL 32724
	June 2011  MTV-27-1-N  Assembled  Blade S/N:  Blades corre	N-C-F-R(P)/CFR260 propeller in accorda 1) ACA-41775 2) A 1) ACA-41778 5) A espond to S.R. 5 an	TSN: 0.0 hours 0-65a S/N: 110361 ance with W/O: 11-228MT and overhau ACA-41776 3) ACA-41777	
NOTE:	I certify this	propeller has been	assembled and inspected, and determ Return to service this date, June 06, 2 or Q4MR908Y	ined to be in 1 & 12

	Time	Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
June 23, 201	1	Pilatus	Mather Aviation LLC	
N452GH F	C 12/45	Authorized Service Center	Hayward Executive Airport	
MTV-27-1-1	I-C-F-R(P) / CFR260-6		FAA CRS No. Z4MR560Y	
Meter: 1361			SO#: 612279	
This is a per	nanent part of the Prop	eller Records The following inspec		
	were accomplished.			
1. T	his propeller installed 1	10361 in accordance with STC# SA	02742NY per Installation	
I	struction Document No	o. E-1824 Rev. 2, dated 11/10/10. Se	e FAA Form 337 for pertinent	
	etails.			
		c Balance complied with by CRS# S proval for return to Service.	5UR963J. See log entry for	
	): D. Mowery		diagraphic designation of the property of the state of th	
This aircraft	and/or component has b	peen repaired and inspected in accord	dance with applicable Federal	
Aviation Reg	ulations. Pertinent deta	ils of the work performed are on file	at this facility.	
Inspector:	K-KU	<b>-</b>		
K	evin Kelley for CRS# Z	MR560Y		
	The face of the same of			
NOTE	Enter Committee	as Mith All Applicable E	AA A.D. & Factory Service B	ulletine On Pages 11 9 12

144.	
SULLIVAN PROPELLER SPECIALISTS 20995 Skywest Drive · Hayward, California 94541	Authorized Signatures Repairman and Station Certificate Numbers
tel: 510.782.0920 · fax: 510.264.9162	
FAA Repair Station S5UR963J  Ca 23/11 1361.8 NH52GH  DATE HOBBS/TACH N NUMBER RE OR LE	
DATE HOBBS/TACH N NUMBER RE OR LE	
Add 21.3 421.3 grams of weight to  REAR STINDER  BLELKHERD I	
The location of static balance weights has been altered on propeller to correct the dynamic balance from	
of 0.04 i.p.s. All work performed in accordance with Chadwick-	
Helmuth Manual No. AW9511-2 by Sullivan Propeller Specialists. Work order no. 8435 on file.	
III. F703 OIT IIIe.	
AUTHORIZED SIGNATURE	
THIS BALANCE VOID AND ALL ADDED WEIGHTS MUST BE REMOVED IF THE PROPELLER OR OTHER ROTATING MASS IS ALTERED OR CHANGED.	
I WUTE: Emer Compliance With All Applicable FAA A.D. & Factory Service	e Bulletins On Pages 11 & 12

July 1, 2011	Pilatus	Mather Aviation LLC	Authorized Signatures
N452GH PC 12/45 MTV-27-1-N-C-F-R(P) / CFI	Authorized Service Center R260-65A S/N: 110361	Hayward Executive Airport FAA CRS No. Z4MR560Y	Repairman and Station Certificate Numbers
Meter: 1361.5 TSN: 0.00		SO#: 612279	Certificate Numbers
This is a permanent part of the replacements were accomplised to the complisation.	e Propeller Records The following inspe	ction, maintenance, repairs or	
	completed per Pilatus IETP Rev. 12 conta	aining AMM Rev. 19 chapter 05-	
Technician(s): D. Mowery			A
	nt has been repaired and inspected in acco		
	y that this Propeller has been inspected in		
	PECTION, was determined to be in an air		
for return to service. Pertinen	t details of the work performed are on file	at this facility.	
Inspector: Kevin Kelley for	CRS# Z4MR560Y		
			The second secon
			the second secon
NOTE: Enter Com	pliance With All Applicable F	AA AD & Factory Sonico P	ulloting On Desert de a de

December 9, 2011  N452GH PC 12/45  Mather Aviation LLC  Hayward Executive Airport FAA CRS No. Z4MR560Y	Authorized Signatures Repairman and Station Certificate Numbers
Meter: 1460.0 PronTSN: 98.5 WO#: 612816	
This is a permanent part of the <b>Propeller Records</b> 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 <u>Pilatus PC-12/45 100 hour Inspection</u> 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

August 15, 2012 N452GH PC 12/45, S/N: 628	Pilatus Authorized Service Center	Mather Aviation LLC Hayward Executive Airport	Authorized Signatures Repairman and Station
MTV-27-1-N-C-F-R(P) / CFR260-		FAA CRS No. Z4MR560Y	Certificate Numbers
Meter: 1598.1 PropTT: 236.6		WO#: 613358	
	peller Records The following inspect	ion, maintenance, repairs or	
replacements were accomplished.			The second second second second
	al inspection per FAR 91.409(a) using		
	05-20-20 Annual Inspection Checklist		
	peller ICA per MT doc E-1825 and no		
	nner p/n: P-1059-C, s/n: N/A and inst	alled an aluminum spinner p/n:	
	N/A. No significant weight change.		
<ul> <li>4. Blade damage repaired l</li> </ul>	by 'Sullivan Propeller Specialists' CR	S# S5UR963J.	
- Technician(s): P. McClure, D. Mov	wery, V. Franco, C. Lijesen, M. Begza	ad, G. Llanda	
I certify that this aircraft and/or con	nponent has been repaired and inspect	ed in accordance with an	
ANNUAL INSPECTION per FAR	(91.409(a)(1), was determined to be i	n an airworthy condition and is	
approved for return to service. Perti	nent details of the work performed are	e on file at this facility.	
1) · rm	and the same of th		
Inspector:	<u> </u>		
Kevin Kelley for CRS# 2	Z4MR560Y	and the factor of the same and	
NOTE: Enter Compliance	With All Applicable FAA	A.D. & Factory Service B	ulletins On Pages 11 & 12

Make: MT Propeller Model:

W/O#:

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

36U-13P-4305

S/N: 110361 Reg #: N452GH



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach:

N/A

Total Time: Hobbs:

359.9 1271.4

Cycles: SMOH: N/A

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

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

ures ıtion

ers

N/A Tach: W/O#: 36U-14P-4521 600.1 Total Time: Make: MT Propeller 1961.6 Hobbs: Model: MTV-27-1-N/A Cycles: N-C-F-R(P)/CFR260-65A N/A SMOH: 110361 S/N: 1980 Airport Rd. Hangar A Heber City, UT 84032 atures Reg#: N452GH -3tation Date I certify that this propeller has been inspected in accordance with a 100-Hour Inspection using PC-12 AMM 12-A-05-20-10ibers 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 ORS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Details are on file under this work order. Authorized Inspector: Date: 4/17/14 N/A Tach: W/O#: 36U-14P-4600 Total Time: 669.6 MT Propeller Make: 2031.1 Hobbs: Model: MTV-27-1-Cycles: N/A N-C-F-R(P)/CFR260-65A SMOH: N/A 110361 1980 Airport Rd. Hangar A Heber City, UT 84032 S/N: Reg#: N452GH 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. Authorized Inspector: Date: 8/18/14 Randell Ranson

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



1980 Airport Rd. Hangar A Heber City, UT 84032

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

Tot Date

Addressed the following Discrepancies:

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

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

Authorized Inspector:

Date: 9/24/14

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

S/N: 110361

W/O#:

Make:

Model:

Reg #:

1980 Airport Rd. Hangar A Heber City, UT 84032

odd Hopkinson Tach:

N/A 795.5

2157.0 N/A

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-

Total Time:

Hobbs:

Cycles:

SMOH:

00A-281A-A / manufacturer's maintenance instructions and was determined to be in airworthy condition.

Addressed the Following Discrepancies:

36U-15P-4713

MT Propeller

MTV-27-1-

N452GH

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.

Authorized Inspector:

Date: 2/11/15

Randell Ranson

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

N452GH

Reg#:

W/O#:



1980 Airport Rd. Hangar A Heber City, UT 84032

N/A

929.2

2290.7

Tach:

Hobbs:

Cycles:

SMOH:

Total Time:

N/A

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 Tach:

Hobbs:

Total Time:

N/A

483.3

2458.2

N/A

Cycles: SMOH:

N/A

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

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:

36U-16P-4924

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

36U-16P-4986 W/O#: MT Propeller Make: 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

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

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

110361 S/N: 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. Rertinent Details are on file under this work order.

Date: 2/2/17

Authorized Inspector:

### USE OF LOGBOOK

Owner Name			
Address	ENTINO ST. S. SUSSECULO LIA	o salestatism to	roon
Propeller Model MTV - 77-1-N-C-1	F-R(P)	notemetra informetra	the
Blade Model	or installed on another aircr	propeller is sold	MIT S
Hub Serial No. 110361	nederid aut unw ne nammin	the pureus vocati	A GP Na
Blade Serial No.1 AHC-60424	Propeller Diameter:	cm <u>+</u> c	m
2 AAJ- 38430	Low Pitch: ° ± _	° TCI:	Month
3 445 - 38631	High Pitch:° ± _	° TBO:	Hrs.
4ACK-44517	Feathering:° ± _	edual of a beans	
5 AAJ- 38633	Reverse:° ± _	ers and homelm.	
6_N/A	at radius station:	cm	

Date	MT-Propeller USA, Inc. 1180 Airport Terminal Drive, DeLand, FL 32724  FAA Approved Repair Station Q4MR908Y	gnatures d Station umbers					
	Phone: (386) 736-7762 Fax: (386) 736-7696 E-mail: info@mt-propellerusa.com						
	MTV-27-1-N-C-F-R(P)/CFR260-65a S/N: 110361						
	Propeller TSN: not provided						
	Repaired propeller in accordance with W/O: 17-097MT and overhaul manual E-680.						
	Removed damaged blades # 1 and # 4. Installed 1 factory new blade in # 1 position.						
	installed 1 OHC blade in # 4 position. Re-shimmed blades # 2, # 3 and # 5.						
	Blade S/N: 1) AHC-60424 2) AAJ-38630 3) AAJ-38631						
	4) ACK-44517 5) AAJ-38633						
	Year of manufacture: 2011						
	I certify this propeller has been repaired and determined to be in airworthy						
	condition at this time. Return to service this date, March 1,2017,	<del></del>					
	Juergen Zahner, Chief Inspector Q4MR908Y	The state of the s					
NOTE:	Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pa	2000 11 8 12					

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	Hobbs: 2635.9 Total Time: 1274.4 TSO: N/A	natures Statio mbers				
		-C-F-R (P) / CFR260-65a, S/N: 110361 re-installed IAW Applicable Sections of the MT-Propeller and E-1083, ATA 61-00-83 after Repair accomplished by MT-Propeller USA, Inc. (See Logbook of W/O#: 17-007MT)					
	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.						
	W77R917Y in accordance with on file under this work order.	ft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS in current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are	e				
	on the under this work order.						
	Date: 4/4/17	Authorized Inspector:					
	Bute. Will	Addionzed hispector.					
TON	E: Enter Compliance	With All Applicable FAA A.D. & Factory Service Bulletins On Pages	11 & 1				

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



agrula	Reg #. 1N4320Π	Time	/	L A	uthorized Sk	_natures
Date	I certify that this Propeller ha Appendix D along with the C	as been inspected in acc Checklist in Section 12	cordance with a 100-Hour / Annual Ins -A-05-20-20-00A-281A-A of the Pilatus	spection using 14 CFI is PC-12 AMM and the	R Part 43, e Manufacturer's	Station nbers
		he propeller was determ	nined to be in airworthy condition.	and down to the state of the		
	Accomplished a Minor Tip R Repair Notice (DNR) -003, Fo	Repair to Propeller Blad	de S/N: AAJ38631 (due to minor delami g Epoxy Adhesive.	ination) IAW MT-Pro	peller Design	
		Balance IAW Section 8	8.6 of the MT Propellers Installation and	d Operation Manual N	io. E-1083, ATA	
	W77R917Y in accordance wi	ith current Federal Avia	or Appliance identified above was repair iation Regulations and was Approved for			
	on file under this work order.				•	
	Date: 8/2/17		Authorized Inspector:	Jeff Dowling		
		1 1 1 1 1 1	and A. M. B. Start			
		St. South				
		A.C.	The second of the second of			4
NOTE	Enter Compliance \	With All Applical	ble FAA A.D. & Factory Ser	rvice Bulletins (	On Pages 11	& 12

W/O#: OK3-18-5277 Hobbs: 2824.2 MT Propeller ACTT: 2824.2 Make: Prop TSN: 1462.7 Model: MTV-27-1-Prop TSO: N-C-F-R(P)/CFR260-65A N/A S/N: 110361 1980 Airport Rd. Hangar A Heber City, UT 84032 Reg #: N452GH Signatures I certify that this Propeller has been inspected in accordance with a 100-Hour Inspection using 14 CFR Part 43, Appendix D and Station 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 Numbers 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 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: 4/11/18 Authorized Inspector: **Food Hopkinson** Hobbs: 2904.0 W/O#: OK3-18-5363 ACTT: 2904.0 MT Propeller Make: Prop TSN: Model: MTV-27-1-1542.5 Prop TSO: N/A N-C-F-R(P)/CFR260-65A 110361 S/N: 1980 Airport Rd. Hangar A Heber City, UT 84032 Reg#: N452GH 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 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. 11 & 12 Date: 8/27/18 Authorized Inspector: Jeff Dowling

Time	Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station
MT-Propeller U	SA, Inc. 1180 Air	port Terminal Drive, DeLand, FL 32724	Gertificate Numbers
Phone: (386) 736	6-7762 Fax: (386) 7	736-7696 E-mail: info@mt-propellerusa.com	Om
Overhauled prope Installed 5 factory	eller in accordance was overhauled blades.	<b>Propeller TSO: 0.0 h</b> with W/O # 19-099MT and Overhaul Manus.  3. (2) ABF-40161 4) ABF-40162 5) ABF-40160 30 ABF-40161 40 ABF-40162 50 ABF-40160 40 ABF-40 ABF-	ual E-680.
Year of Manufactors I certify this properthis time. Return to	ure: 2011	nauled and determined to be in airworthy co	
NOTE: Enter Complian	nce With All Applica	able FAA A.D. & Factory Service Bulleting	ns On Pages 11 & 12

Date	Total Prope	ller	Time	Descrip	tion Of Work	Authorized Si Repairman an	gnatures d Station mbers
Leading	the Business of Aviation		Pho	02 Old Tower Road senix Arizona 85034 ir Station No. EKGR571D		602-267-4070 Phone 602-267-4030 FAX	mbe.e
Model	PC-1	2/45			Work Order No.	02M-11343	
Serial N	o. <b>443</b>				Hour Meter	3329.6	
Registra	ntion N552	TC	Pro	Propeller Log	Aircraft Total Time	3329.6	
Propelle	er Model MTV-2	27-1-N-C-F-R(P)			Propeller TSN	1542.5	
Propelle	er Serial 1103	61			Propeller TSOH	0.0	
regulat	A-61-10-01-0 good at this ti	00A-920A-A a ime. mponent iden	and MT Propeller O	operational and Installation repaired and inspected in	O361 referencing Pilatus PC-n Manual section 61-00-83. In accordance with current formed. Pertinent details are Kevin Reedy Date	Functional checks  Sederal aviation  e on file at this	
	orginea.		FAAI	Repair Station No. EKGR571D	Section and Section		
INCLE	- FILLER VOIL	ibilance v	VIIII AII APPIII	Jaule FAA A.D. Q	ractory Service Dui	neuns on rages	T1 & 12

Date	Total Prop		Time Since Over	haul	Description	Of Work	IR	Authorized Signature Repairman and Statio Certificate Numbers
	Leading the Business	FRS of Aviation	>	FA	2802 Old Tower Road Phoenix Arizona 85034 A Repair Station No. EKGR571D			602-267-4070 Phone 602-267-4030 FAX
N	Model	PC-1:	2/45			Work Order No		02M-11974
	erial No.	rial No. 443				Hour Meter		3471.5
	egistration	N552	rc		Propeller Log	Aircraft Total T	ime	3471.5
	ropeller Model		7-1-N-C-F-R(P)			Propeller TSN		1684.4
Pr	Propeller Serial 110361		I			Propeller TSOH		0.0
	ne aircraft and /	or com	onent identified	above v	Propeller Periodic Inspection is iscrepancies noted.  vas repaired and inspected in with respect to the work perf			-
				/ F	AA Repair Station No. EKGR571D			
NOTE: E	Enter Comp	liance	With All Ar	plical	ole FAA A.D. & Facto	om: Cai D. II		
				μσα.	ord Trot A.D. & Facto	ory Service Bulle	etins	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

Propeller TSN: Not provided

S/N: 100252

Propeller TSO: 0.0 hrs.

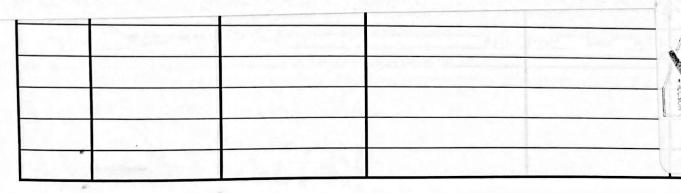
Overhauled propeller in accordance with W/O # 19-070MT and Overhaul Manual E-680. Installed 5 factory new blades.

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



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	ΓΙΝ/
Model	PC-12/45		Work Order No.	02M-11343	Signatures
Serial No.	443		Hour Meter	3356.8	Signatures and Station
Registration N552TC	Propeller Log	Aircraft Total Time	3356.8	Numbers	
Propeller Model	MTV-27-1-N-C-F-R(P)	네 그 그리지 아이를 받아 있었다면 하나 중요 하는다.	Propeller TSN	1569.7	1441112010
Propeller Serial	110361	•	Propeller TSOH	27.2	
Signed:	4	FAA Repair Station No. EKGR571D	Kevin Reedy Date:	July 26, 2019	

Leading the Business		2802 Old Tower Road Phoenix Arizona 85034 FAA Repair Station No. EKGR571D		602-267-4070 Phone 602-267-4030 FAX
Model	PC-12/45			
Serial No.	443		Work Order No.	02M-11343
Registration	N552TC	Duanall - I	Hour Meter	3368.5
Propeller Model		Propeller Log	Aircraft Total Time	3368.5
Propeller Serial	MTV-27-1-N-C-F-R(P) 110361		Propeller TSN	1569.7
Tropener Seriai	110301	Official and the Solat of the Control of	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: Time Reedy

Kevin Reedy

Date: AUG 13, 2019

FAA Repair Station No. EKGR571D

END WG # 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		Work Order No.	02M-12595
Serial No.	443		Hour Meter	3764.8
Registration	N552TC	Propeller Log	Aircraft Total Time	3764.8
Propeller Model		Tropetter 208	Propeller TSN	1966.0
Propeller Serial	MTV-27-1-N-C-F-R(P) 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.

Kevin Reedy

Date: JUN 18, 2021

FAA Repair Station No. EKGR571D

END LOG#2



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

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

Model	PC-12/45		Work Order No.	02M-12595
Serial No.	443		Hour Meter	3764.8
Registration	N552TC	Propeller Log	Aircraft Total Time	3764.8
Propeller Model	MTV-27-1-N-C-F-R(P)	Tropetter 208	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. <u>3</u>

Aircraft Registration No.	N552TC
Propeller Manufacture	r MT
Hub Model M1 V-Z	1-1-14-0-14 V TIN-00
	7/0
Blade Design No	
Blade Serial No.	
1	
2	
3	
4	
5	
6	
7	
9	
Pitch Range:	
Low	High / Latch
Feather	Reverse
Governor Manufacturer Model No	
Serial No.	
For technical support call:	800-292-7767

Page No. **DESCRIPTION OF WORK PERFORMED** DATE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK 2802 Old Tower Road 602-267-4070 Phone Phoenix Arizona 85034 602-267-4030 FAX FAA Repair Station No. EKGR571D Model PC-12/45 Work Order No. 02M-13374 Serial No. 443 Hour Meter 4203.5 Registration N552TC **Propeller Log** Aircraft Total Time N/A MTV-27-1-N-V-F-Propeller Model R(P)/CFR260-65A Propeller TSN 2423.6 Propeller Serial 110361 Propeller CSN 587 **Discrepancy** (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. 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. Date: October 05,2022 Timothy M Johnston FAA Repair Station No. EKGR571D 2802 Old Tower Road 602-267-4070 Phone Phoenix Arizona 85034 FAA Repair Station No. EKGR571D 602-267-4030 FAX Model PC-12/45 Work Order No. 02M-13169 Serial No. 443 Hour Meter 4063.50 Registration N552TC Aircraft Total Time Propeller Loa N/A MTV-27-1-N-V-F-Propeller Model R(P)/CFR260-65A Propeller TSN N/A **Propeller Serial** 110361 Propeller CSN NIA Scheduled Maintenance or Inspections Complied with 610100-12-Month, Propeller Inspection. Ref. MT Propeller Manual E-124 61-01-24. C/W 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** Sealed crack on propeller epoxy coating trailing edge and spray-painted black paint. Ref. MT-Propeller Service Letter 32 R8. <u>Airworthiness Directives or Service Bulletins</u> 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. 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. Timothy M Johnston Date: 06-06-2022 FAA Repair Station No. EKGR571D 2802 Old Tower Road 602-267-4070 Phone Phoenix Arizona 85034 602-267-4030 FAX FAA Repair Station No. EKGR571D Model PC-12/45 Work Order No. 02M-13829 Hour Meter Serial No. 443 4320.8 Propeller Log Aircraft Total Time Registration N552TC N/A Propeller Model Propeller TSN 2540.2 MTV-27-1-N-C-F-R(P) Propeller Serial Propeller TSO N/A 110361 Scheduled Maintenance or Due Items Complied with 610100-No. 1 Propeller-Inspection. Reference MT propeller manual No. E 1083. **Discrepancy** (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 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.

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.

FAA Repair Station No. EKGR571D

Timothy M Johnston

Date: March 8, 2023

Airworthiness Directives Reviewed Biweekly through 2023-05.

DATE	TSN	TSO	SIGNATURE & CERTIFICATE N	
	»CUI	TER>	2802 Old Tower Road Phoenix Arizona 85034 FAA Repair Station No. EKGR571D	
	Leading the Busine			Work Order No.
	odel	PC-12/45		Hour Meter
200	erial No.	443	Propeller Log	Aircraft Total Time
	egistration	N552TC MTV-27-1-N-C-F-1P1		Propeller TSN
	ropeller Model	110361		Propeller CSN
Pr	opeller Serial	or Inconctions	beller-detailed propeller inspection. Ref. MT Propeller CMM	
Th	• (#5 pro	opeller de-ice boot harnes s. Ref. MT Propeller CMM	th New P/N A-1650-1. Ref. MT propeller SL No. 15R1 and Ness chafe protection worn and requires replacement)-Ins E-1083 61-00-83.  In above was repaired and inspected in accordance spect to the work performed. Pertinent details a	nce with current Federal A
	Signed:	1114		Martin Miller D
			FAA Repair Station No. EKGR571D	97 1 4 4 1 4 1 5 4
			PILATUS PC-12/45 S/N 443 ACTT 4601.3 MODEL MTV-27-1-N-C-F-R(P)/CFR260-65 S/N 110361 TSN 2802.4 TSO 1259.9	
		Propeller Inspection	300 FH/12 Mo., 600 FH/12 Mo., 1200 FH/12 in accordance with the Pilatus PC-12 IETP Do MT Propeller Operation and Installation Manu ection 7.0.	c.# 02216, Rev.# 40,
		Adjusted p AMM.	300hr./12mo. MT-Propeller inspection. ropeller low pitch warning switch for correct ed for compliance through BW 2024-11.	operation IAW PC-12
	I I	FH/12 Mo., 600 FH/1	peller has been inspected in accordance with 2 Mo., 1200 FH/12 Mo., 2400 FH/24Mo. Air etermined to be in airworthy condition with	frame and Engine
College	s	Signed Works	Junto W.O.# 25297	Dated 06/06/2024
			Nicholas Delawder-Chief Inspector MARTIN AVIATION, MAINTENANCE 00 IKE JONES ROAD, SANTA ANA, CA 92	