AIRCRAFT TECHNICAL LOGS

Section 4. PROPELLER

PROPELLER LOG

1.	Make	MT-PROPELLER ENTWICKLUNG 6mbH					
2.	Model	MTV-12-B/183-59b					
3.	Specification No.	Pasne					
4.	Date of Manufacture						
5.	Hub Serial No.	070370					
6.	Blades						
	(a) Design No.	183-59b					
	(b) Blade Serial Nos.						
	(i)	YD-29749					
	(ii)	YD-29750					
	(iii)	YD-29751					
	(iv)						
	(v)						
	(c) Pitch Setting						
	(i) Basic						
	(ii) High						
	(iii) Low						
	(iv) Reverse						



YOUNGSTOWN-WARREN REGIONAL AIRPORT • VIENNA, OH 44473 PHONE: (330) 856-5000 • FAX: (330) 856-4582 • CRS W6NR985J

PROPELLER

MT PROPELLER <> MTV-12-B <> S/N: 070370 N645WT <> Diamond DA40XL <> S/N: 40.836

C/W Annual inspection in accordance with Diamond inspection guide and accomplished the following:

All ADS checked through 2008-16.

Above systems ground operational and leak checked satisfactory I.A.W Diamond DA40XL and MT Propeller M.M.

Date: 8-25-08 AFTT: 53.4 Prop TSN: 53.4 W/O No: 40-05643

I certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in Aimprthy

Winner Aviation Corporation, W6

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PROPELLER MT PROPELLER <> MTV-12-B <> S/N: 070370 N645WT <> Diamond DA40XL <> S/N: 40.836

C/W Annual inspection in accordance with Diamond inspection guide and accomplished the following:

1. All ADS checked through 2009-15.

Above systems ground operational and leak checked satisfactory I.A.W Diamond DA40XL and MT Propeller M.M.

Date: 8-6-09 AFTT: 139.3 Prop TSN: 139.3 W/O No: 40-06181

I certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition and is approved for return to service. Signed: Jeffrey D. Williams

Winner Aviation Corporation, W67855



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PROPELLER MT PROPELLER <> MTV-12-B <> S/N: 070370 N645WT <> Diamond DA40XL <> S/N: 40.836

Removed Prop and Sent Out for Repair.

Date: 11-4-09 AFTT: 195.9 Prop TSN: 195.9 Hobbs: 261.0 W/O No: 40-06273

Signed: Jeffrey D. Williams

Winner Aviation Corporation, W6NR985J

6/ D						NUMBER
43 16	ER TCCA STC	STMENTS, MODIFICAT GH ANY UNUSED LINES IN NO. SAOG-52		7	3	DA 0 42
1. Ap	proving National Aviation Authority/Country FAA/United States	AUTHORIZED I	RELEASE CE AIRWORTHINESS APPR	RTIFICATE ROVAL TAG	3. Form Tracking Number: 19765 5. Work Order/Contract/Involce	
4. Or	ganization Name and Address: TIFFIN AIRE, INC. 1778 W.US 224 TIFFIN OH 44883				W/O# 19765	
6. Ita	m: 7. Description:	8. Part Number:	e, Eligibility: * N/A	10. Quantily: 11. Serial/Batch Nur. 1 070370	noer.	AIRED
	and debags were married	in a condition for sale special	19. 14 CFR 4 Certifies that used described	inless otherwise specified in Block in Block 13 was accomplished in ations, part 43 and in respect to the	Other regulation spek 13, the work identified in accordance with Title 14, hat work, the items are ap	cified in Block 13 Block 12 Code of sproved for
[Non-approved design data spo	16. Approval/Authorization I	return to servi		21. Approval/Certificate No.: DTXR341D	
	Authorized Signature: Name (typed or Printed):	18. Date (m/d/y):	22. Name (Typed or P Paul B.	Printed):	23. Date (m/d/y): NO	: V/18/2009
	is important to understand that the existence work in a construction work in a construction work in a construction work in a construction of the understand the construction of the constr	e of this document alone does not automatically cordance with the national regulations of an Aleywig thority accepts parts/components/assemblies the other records must contain an installation	constitute authority to install the par- ordiness Authority to install the par- ordiness Authority different than the part the altworthiness authority of the cartification issued in accordance w inical data.	// component / assembly, of the country specified in block 1. Stateme country specified in block 1. Stateme right the national regulations by the use	specified in block 1, it is ess that in block 14 and 19 do not r/installer before the allocati	sential that the user/ constitute may be flown. MSN: 0052-00
FAA	A FORM 8130-3 (6-01) *Installer mus		THE SECURIAL AIR	PORT - VIFNNA, O	H 44473	
WINI	NER TION®	YOUNGSTOWN-WARRI PHONE: (330) 856-5	000 • FAX: (330) 8	56-4582 • CRS W6N	K985)	

All work performed, operational and leak checked satisfactory I.A.W Diamond DA40XL and MT Propeller M.M. Date: 1-11-10 AFTT: 208.1 Prop TSN: 195.9 W/O No: 40-06343 The maintenance operations described above were inspected I.A.W. current Federal Aviation Regulations, and with respect to the work preformed the aircraft and or component is approved for return to service for discrepant items



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PROPELLER

MT PROPELLER <> MTV-12-B <> S/N: 070370 N645WT <> Diamond DA40XL <> S/N: 40.836

C/W Annual inspection in accordance with Diamond inspection guide and accomplished the following:

1. All ADs checked through 2010-17.

All work performed I.A.W. Diamond DA40XL and MT Propeller M.M. Operational and leak checks satisfactory.

Date: 9-9-10 AFTT: 259.2 Prop TSN: 247.0 W/O No: 40-06577

I certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition and is approved for return to service. Signed: Jeffrey D. Williams

WINNER AVIATION CORPORATION, CRS # W6NR985J



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PROPELLER

MT PROPELLER <> MTV-12-B <> S/N: 070370 N645WT <> Diamond DA40XL <> S/N: 40.836

C/W Annual inspection in accordance with Diamond inspection guide and accomplished the following:

All work performed I.A.W. MT Propeller and Diamond DA40XL M.M. Operational and leak checks satisfactory.

Prop TSN: 348.9 W/O No: 40-06946 Date: Sept. 16, 2011 AFTT: 361.1

I certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition and is approved for return to service Signed: Jeffrey D. Williams

WINNER AVIATION CORPORATION, CRS # W6NR985J



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PROPELLER

MT PROPELLER <> MTV-12-B <> S/N: 070370 N645WT <> Diamond DA40XL <> S/N: 40.836

C/W Annual inspection in accordance with Diamond inspection guide and accomplished the following:

All work performed I.A.W. MT Propeller and Diamond DA40XL M.M. Operational and leak checks satisfactory.

W/O No: 40-07402 I certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition and is approved for the condition and the condition a

in Airworthy condition and is approved for return to service Signed: Jeffrey D. Williams _

WINNER AWATION CORPORATION, CRS # W6NR985J

TOTAL SINCE MFG.



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MT PROPELLER <> MTV-12-B <> S/N: 070370

N645WT <> Diamond DA40XL <> S/N: 40.836

C/W Annual inspection in accordance with Diamond inspection guide and accomplished the following:

All work performed I.A.W. MT Propeller and Diamond DA40XL M.M. Operational and leak checks satisfactory.

Date: Oct. 18, 2013

AFTT: 523.8

Prop TSN: 511.6

I certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition and is approved for return to service

Signed: Jeffrey D. Williams

WINNER AVIATION CORPORATION, CRS # W6NR985J

Repair Station #: W6NR985J

November 10, 2014

Manufacturer: MT PROPELLER

Part/Model number:

TSN/TSO: 619.90 / N/A

CSN/CSO: N/A / N/A

Work Order No: PST5410

Serial Number: 070370

Date: 11/10/2014

Squawk

1.1

CW ANNUAL INSPECTION USING INSPECTION FORM OUTLINED IN DA40-180 MM, CH 5 AS A

GUIDELINE

All Work Performed I.A.W. Diamond Aircraft DA40XL Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST5410.

Signature



Repair Station #: W6NR985J

June 24, 2015

CSN/CSO: N/A / N/A

Manufacturer: MT PROP

Part/Model number:

Work Order No: PST5782

TSN/TSO: 741.50 / N/A

Serial Number: 070370

Date: 06/24/2015

Squawk

1.1

REMOVED PROP S/N 070370 AND SENT OUT FOR RESEAL.

All Work Performed I.A.W. Diamond Aircraft DA40XL Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST5782.

Signature

UK LIFE

PROPELLE AND INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE TOTAL TIME TIME RUN MIN. HRS. MIN. DATE HRS. DISASSEMBLED, VISUALLY INSPENDED RUSHALKED, CHRUKED ANGLES TRAK AND BALANCE, WORK ORDER LZ6883 BROUGHT 50 AND CANNOT BE CONSIDERED AS SUCE Sensenich Propeller Service Repair Station #: W6NR985J July 10, 2015 TSN/TSO: 753.70 / N/A CSN/CSO: N/A / N/A Manufacturer: MT - PROPELIER Serial Number: 070370 Part/Model number: Work Order No: PST5782 Date: 07/10/2015 Squawk REMOVED PROP AND SENT OUT FOR RESEAL. RECEIVED REPAIRED PROPELLER PIN 1.1 MTV-12-B/183-59B S/N 070370, INSTALLED ONTO AIRCRAFT IAW DIAMOND DA40 SERIES AMM, CH 61-10-00. CW PROP BALANCE IAW CHADWICK-HELMUTH CO, INC. VIBREX RACK AND BALANCE SYSTEM 1.2 INSTRUCTIONS, BALANCE GOOD AT THIS TIME. All Work Performed I.A.W. Diamond Aircraft DA40XL Appropriate Data. These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST5782. Signature

CARRIED FORWARD

Manufacturer: mT - PROPELLER

Part/Model number:

Work Order No: PST6060

TSN/TSO: 765.40 / N/A Serial Number: 070370

CSN/CSO: N/A / N/A

Date: 12/02/2015

Squawk

1.1

CW ANNUAL INSPECTION USING INSPECTION FORM OUTLINED IN DA40-180 MM, CH 5 AS A

AD'S CHECKED THROUGH 2015-24

All Work Performed I.A.W. Diamond Aircraft DA40XL Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST6060.

Signature



Repair Station #: W6NR985J

December 29, 2016

Manufacturer: MT PROPELLER

Part/Model number: MTV-12-3/183-598

Work Order No: PST6725

TSN/TSO: 818.40 / N/A

Serial Number: 070370

CSN/CSO: N/A / N/A

Date: 12/29/2016

Squawk

1.1

REMOVED PROP MT, MODEL MTV-12-B/183-59B, S/N 070370 AND SENT OUT FOR OVERHAUL

All Work Performed I.A.W. Diamond Aircraft DA40XL Appropriate Data.

These items identified a approved for return to se

Signature

For Winner Aviation

Au	ving Civil Aviation athority/Country: A/United States	UTHORIZED F	3. Form Tracking Number: 22883		
4. Organ	ization Name and Address: Tiffin Aire, Inc.		1778 West U.S. 224 Tiffin, Ohio 44883 (DTXR341D)		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
	MT PROPELLER ASSEMBLY	MTV-12-B	1	070370	OVERHAULED

COMPLETELY OVERHAULED PROPELLER IN ACCORDANCE WITH MT SERVICE MANUALS E220(REV. 57, 09/15), E808(REV. 10, 02/14) &

13d. Name (Typed or Printed):

COMPLIED WITH SERVICE LETTERS: 8, 14D, 21B, 24A, 27B, 32R2, 32-1, 35A, 38R2, 43, 47.

COMPLIED WITH SERVICE BULLETIN 1R1 & SERVICE INSTRUCTIONS 22, 23A & 37A.

BLADE MODEL NUMBER: 183-59b BLADE SERIAL NUMBERS: XL-28172, XL-28173, XL-28174.

PROPELLER TOTAL TIME SINCE NEW: 818.40

PROPELLER TOTAL TIME SINCE OVERHAUL: 0.0

AIRCRAFT TACH TIME: 830.60 AIRCRAFT HOBBS METER READING: 1249.70

TIME BETWEEN OVERHAULS: 72 MONTHS OR 1800 HOURS WHICHEVER OCCURS FIRST.

13a. Swriffes the items identified above were manufactured in conformity to:	Certifies that t
Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12.	Federal Regularetury to servi
13c. Approval/Authorization No.:	14b. Authorized th

wise specified in Block 12, the work identified in Block 11 12 was accomplished in accordance with rt 43 and in respect to that work, the iter 14c. Approval/Certificate No.:

DTXR341D 14c. Date (dd/mmm/yyyy):

20/Jan/2017

PAUL B. FLAVELL

User/Installer Responsibilities

MAXIMUM HOU



Repair Station #: W6NR985J

February 07, 2017

Manufacturer: MT-Propeller Gerd Muehlbauer GmbH

Part/Model number: MTV-12-B Work Order No: PST6725

TSN/TSO: 818.40 / 0.00 Serial Number: 070370

Date: 02/07/2017

CSN/CSO: N/A / N/A

Squawk

CW ANNUAL INSPECTION USING INSPECTION FORM OUTLINED IN DA40-180 MM, CH 5 AS A GUIDELINE, CW 1.1 COMPRESSION CHECK WITH SATISFACTORY RESULTS AS FOLLOWS: #1 - 76/80 #2 - 75/80 #3 - 77/80 #4 - 74/80

REINSTALLED PROPELLER, P/N MTV-12-B/183-59B S/N 070370 AFTER OVERHAUL, ALL WORK ACCOMPLISHED IAW 1.2

REMOVED PROP GOVERNOR AND SENT OUT FOR OVERHAUL, INSTALLED OVERHAULED PROP GOVERNOR PAN 1.3 P-860-23 S/N 07G380-E, ALL WORK ACCOMPLISHED IAW DA40-180 MM, CH 61.

CW PROP BALANCE IAW CHADWICK-HELMUTH VIBREX RACK AND BALANCE SYSTEM INSTRUCTIONS, BALANCED 1.4

All Work Performed I.A.W. Diamond Aircraft DA40XL Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST6725

For Winner Aviation Repair Station #W6NR985J



Repair Station #: W6NR985J

March 14, 2018

Manufacturer: MT-Propeller Gerd Muehlbauer

GmbH

TSN/TSO: 846.50 / N/A

CSN/CSO: N/A / N/A

Part/Model number: MTV-12-B Work Order No: PST7300

Serial Number: 070370 Date: 03/14/2018

Squawk

1.1

CW ANNUAL INSPECTION USING FORM OUTLINED IN DA40-180 MM, CH 5 AS A GUIDELINE. AD'S

All Work Performed I.A.W. Diamond Aircraft DA40XL Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST7300.

Signature

For Winner Aviation Repair Station #W6NR985J



Repair Station #: W6NR985J

June 07, 2019

Manufacturer: MT-Propeller Gerd Muehlbauer

GmbH

TSN/TSO: 873.60 / N/A

CSN/CSO: N/A / N/A

Part/Model number: MTV-12-B

Work Order No: PST7811

Serial Number: 070370

Date: 06/07/2019

Squawk

1.1

CW ANNUAL INSPECTION USING INSPECTION FORM OUTLINED IN DIAMOND DA40-180 MM, CH 5 AS A GUIDELINE. CW COMPRESSION CHECKS WITH SATISFACTORY RESULTS AS FOLLOWS:#1 - 75/80 #2 -

76/80 #3 - 75/80 #4 - 74/80. AD'S CHECKED THRU 2019-11

All Work Performed LA.W. Diamond Aircraft DA40XL Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST7811.

Signature

For Winner Aviation Repair Station #W6NR985J



Repair Station #: W6NR985J

June 08, 2020

Manufacturer: MT-Propeller Gerd Muehlbauer

TSN/TSO: 907.20 / 88.80

CSN/CSO: N/A / N/A

GmbH Part/Model number: MTV-12-B

Serial Number: 070370

Date: 06/08/2020

Work Order No: PST8228

Squawk

1.1

CW ANNUAL / 100 HR INSPECTION USING INSPECTION FORM OUTLINED IN DA40-180 MM, CH 5 AS A

GUIDELINE. CW COMPRESSION CHECK WITH SATISFACTORY RESULTS AS FOLLOWS -#1 - 75/80 #2 -

All Work Performed I.A.W. Diamond Aircraft DA40XL Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST8228.

Signature

For Winner Aviation Repair Station #W6NR985J

Repair Station #: W6NR985J

July 20, 2021

Manufacturer: MT-Propeller Gerd Muehlbauer

TSN/TSO: 917.50 / N/A

CSN/CSO: N/A / N/A

GmbH Part/Model number: MTV-12-B

Serial Number: 070370

Work Order No: PST8685

Date: 07/20/2021

Squawk

1.1

COMPLIED WITH ANNUAL INSPECTION USING INSPECTION FORM OUTLINED IN DA40-180 MM, CH 5,

All Work Performed I.A.W. Diamond Aircraft DA40XL Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST8685.

Signature

For Winner Aviation Repair Station #W6NR985J

1. Approving Competent Authority/ Country Zustandige Genehmigungsbehorder/Staat LUFTFAHRT Days						
LIETE Authority/ Country						
/ Germany	AUTHORIZED F	RELEASE CE	RTIFICA	ATE	3	B. Form Tracking Number Lfd Formularnummer
4. Approved On	Autorisie	the Freigabebescheinigung			:	3758/09
Name und Anschrift des		SA FORM 1				
4. Approved Organisation Name and Address: MT-Propeller Gerd Mills III.		EASA Formblatt 1				
Name und Anschrift des generhrigten Betriebes MT-Propeller Gerd Mühlbauer GmbH 6. Itd. Nr./ Position 7. Description 8. Par Blades					5. Work Order/ Arbeitsauftrag/V	Contract/ Invoice ertrag/Lieferschein
1 Planting, C	Sermany 9. Eligib		Quantity	11. Serial-/ Batch-No		
Teile	No. Verwei	ndbarkeit (*)	Anzahl/ Menge	Werk-/ Los-Nr.).	12. Status/ Work Zustand/ Arbeiten
3.88 maller ensures		2-()	3	XL-28172, XL-28 XL-28174	8173,	"OVERHAULED"
13. Remarks Bemerkungen						
Overhaul according to						
Overhaul according to work report no. 558 and ATA 6 Year of construction: 2006 TSN: 356:24 hrs., TSO: 00:00 hrs. The blades conforms with the FAA TCDS No. P25NE, The blades conforms with the SL 22 J	1 ₋₁ 8-08 rev. 9, ATA 61-12-90 rev. 13		is (are) app are on file a	at this repair station to	ervice. Pertine under Order no Signed.	o that work the part(s)
14. Certifies that the items it is	i family to	140			isi Silibiriyy	WEIL NO. WIFN 1 300K
Es wird bescheinigt, dass die oben aufgeführten Artikel hergestellt wurden in Übe	ured in conformity to:	19.				
approved design data and are in condition for save operation genehmigten Konstruktionsdaten und in einem Zustand für einen sicheren Betrieb sind. non-approved design data specified in block 13 in Feld 13 aufgeführten nicht genehmigten Konstruktionsdaten. Part-145.A.50 Release to Service Freigabebescheinigung gemäß Tell-145A.50 Freigabebescheinigung gemäß Tell-					naß anderer in Feld 13 ed in block 12 and	
merk für den Einbau entsprechend den		Work the items are of Es wird bescheinigt, dass, sof Arbeiten in Übereinstimmung	considered rea fern in Feld 13 nichts mit Teil-145 durchge	ady for release to sen	vice. Id 12 aufgeführten ur	nd in Feld 13 beschriebenen
15. Authorized Signature	16. Approval/ Authorization Number	Freigabe zum Betrieb betrach 20. Authorized Signa		7 /	21 Certif	icate/ Approval Ref. No.
Unterschrift der berechtigten Person	Genehmigungs-/ Zulassungsnummer	Unterschrift der berech		risdunu	1/2.	inigungs-/ Genehmigungsnummer
17. Name Name	18. Date (d/m/y) Datum (T/M/J)	22. Name Name Gregor Paisdzio			231 Date Datur 26. Okt	ober 2009
ASA Form 1 - Issue 1			*	Installer must cross-che	ck eligibility with	applicable technical data
ASA Formblatt 1 – Ausgabe 1		(*) Der Verwender/ einbauende B	Setrieb ist verpflichtet.	, die Verwendbarkeit anhand de	r geltenden technisch	nen Unterlagen zu überprüfen.