

N378TT

Book 1

mt-propeller

The Winner's Propeller

PROPELLER LOGBOOK

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



Midwest Aircraft Refinishing
11038 Hwy 37 Bld A Box 8
Hibbing, MN 55746 (218)404-0314

Cirrus Design Corp SR20 25 April 2015
N378TT 20-2074 Hobbs- 1876.1 FLT- 1511.9
Propeller Entry

Installed this new propeller IAW MT installation instructions and SR22 AMM CH 61-10. Ops and leak checks good.

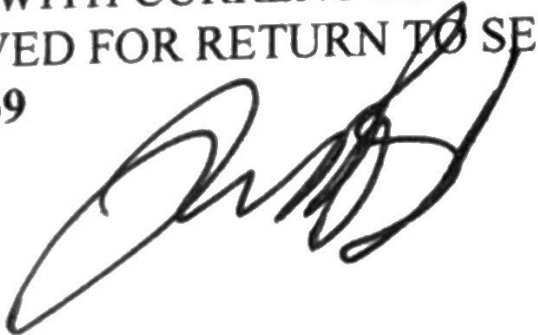
Ross W. Robillard

A&P # 3353760

Signature

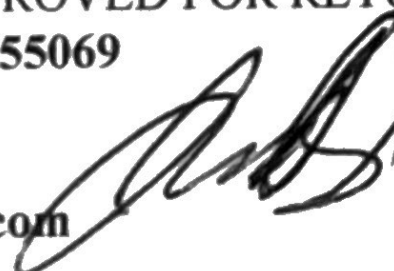

A handwritten signature in black ink, appearing to read "Ross W. Robillard", written over a horizontal line.

MAINTENANCE & SERVICE HISTORY

Date	September 12, 2016 N378TT CONTINENTAL MT	CIRRUS SR20 G3 IO 360 E22 MTV-12-D	S/N 2074 S/N 1003357 S/N 141042	FLIGHT 1568.1 Hrs FLIGHT 1568.1 Hrs FLIGHT 0071.0 Hrs	Hobbs 1947.1 Hrs Hobbs 1947.1 Hrs Hobbs 0056.2 Hrs
	<p>Removed spinner. Inspected hub for cracks; no deficiency noted. Checked blades for freeplay; found satisfactory. Painted blade face as needed. Reinstalled spinner.</p> <p>THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.</p> <p>JIM BARKER A&P/IA 2755069 Hangar (715) 822 5787 Cell (715) 491 1303 Email jim@aviationvibes.com</p> 				
					<p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>

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

MAINTENANCE & SERVICE HISTORY

Date						ES ON S		
	July 21, 2017	N378TT	CIRRUS SR20 G3	S/N 2074	FLIGHT 1715.7 Hrs	Hobbs 2104.8 Hrs		
		CONTINENTAL IO 360 E22	S/N 1003357		FLIGHT 1715.7 Hrs	Hobbs 2104.8 Hrs		
		MT	MTV-12-D	S/N 141042	FLIGHT 1715.7 Hrs	Hobbs 2104.8 Hrs		
	Removed spinner. Inspected hub for cracks; no deficiency noted. Checked blades for free play; found satisfactory. Painted blade faces. Reinstalled spinner. Performed a dynamic propeller balance. Initial IP/s .452 @ 2708 rpm reduced to .015 IP/s @ 2687 rpm by adding corrective weights on spinner rear bulkhead. (Refer to Job#378TT3 for details.)							
	THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.							
	JIM BARKER A&P/IA 2755069			 		AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com		
	Hangar (715) 822 5787							
	Cell (715) 491 1303							
	Email jim@aviationvibes.com							
NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12								

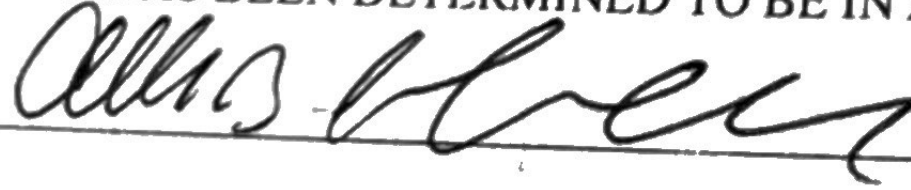
S/N 141042
Reg # N378TT

6070 Perimeter Rd.
North Charleston, SC 29406

FLT 1886.3
WO# 4177

Prop: C/W Annual inspection IAW Cirrus M/M.

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.



A&P 143663284 IA

Model MTV-12-D
S/N 141042
Reg # N378TT
WO# 4289

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 10/30/18
FLT 1899.6
TTP 387.7

Prop: Removed propeller and re-installed after repair IAW Cirrus MM. Dynamically balanced prop to .08 IPS. Leak and ops check good.



A&P 143663284 IA

N

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1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form tracking Number: 18-0964
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4. Organization Name and Address: Sensenich Propeller Service, Inc. 1245 Palmour Place Suite A, Gainesville, Ga. 30501-6862	5. Work Order/Contract/Invoice Number: G24413
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	MT 3-Bladed Propeller Assembly	MTV-12-D/ 189-59	1	141042	Repaired

12. Remarks: Blade S/Ns: AFI-54867, AFI-54868, AFI-54869. Disassemble, Service, Assemble, Check Track, Set Angles, Static Balance - Reseal. All work done in accordance with M-T Specifications. This 8130-3 certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6252.

Propeller TSN: 387.0 Propeller TSO: N/A

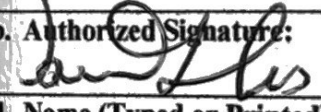
13a. Certifies the items above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
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13b. Authorized Signature:	13c. Approval/Authorization No.	14b. Authorized Signature: 	14c. Approval/Certificate No.: S46R346N
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Daniel Landis	14e. Date (dd/mmm/yyyy): 25 Oct 2018

USER/INSTALLER RESPONSIBILITIES

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

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

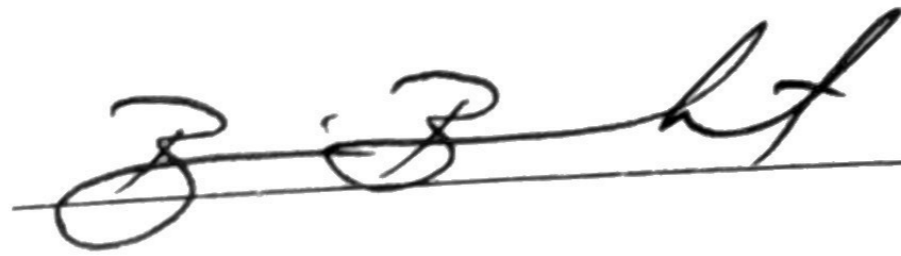
1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES		2.			3. Form tracking Number: 19-0388	
AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					5. Work Order/Contract/Invoice Number: G25053	
4. Organization Name and Address: Sensenich Propeller Service, Inc. 1245 Palmour Place Suite A, Gainesville, Ga. 30501-6862						
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	MT 3-Bladed Propeller Assembly	MTV-12-D/ 188-59	1	141042	Repaired	
12. Remarks: Blade S/Ns: AFI-54867, AFI-54868, AFI-54869. Disassemble, Service, Paint Blades, Assemble, Check Track, Set Angles, Static Balance - Reseal. All work done in accordance with M-T Specifications. This 8130-3 certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6252. Propeller TSN: Unknown Propeller TSO: Unknown						
13a. Certifies the items above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.	14b. Authorized Signature: 		14c. Approval/Certificate No.: S46R346N	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Daniel Landis		14e. Date (dd/mmm/yyyy): 29 May 2019	
USER/INSTALLER RESPONSIBILITIES						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/articles(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

Model MTV-12-D
S/N 141042
Reg # N378TT

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 5/30/19
FLT 1957.9
WO# 4558

Removed and re-installed propeller after repair by Sensenich Propeller Service Inc. Dynamically balanced to .06 IPS.

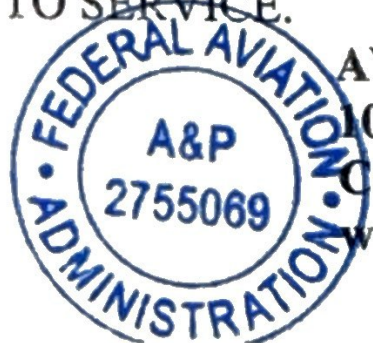


3731415 A&P IA

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	
July 30, 2019	N378TT	CIRRUS SR20	S/N 2074	FLIGHT 1981.1 Hrs	Hobbs 2425.8 Hrs
Continental	IO-360-ES(22)B	S/N 1003357	FLIGHT 1981.1 Hrs	Hobbs 2425.8 Hrs	
MT	MTV-12-D	S/N 141042	FLIGHT 1981.1 Hrs	Hobbs 2425.8 Hrs	
<p>Removed spinner. Inspected hub for cracks; no deficiency noted. Lubricated propeller hub with grease. Checked blades for free play; found satisfactory. Dressed leading edges. Reinstalled spinner. (Refer to Job #378TT5 for details.)</p> <p>THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.</p>					
<p>JIM BARKER A&P/IA 2755069</p> <p>Hangar (715) 822 5787</p> <p>Cell (715) 491 1303</p> <p>Email jim@aviationvibes.com</p> <p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>					
<p>NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12</p>					



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-12-D/188-59b

S/N: 141042

Propeller TSN: not provided

TSO: 0.0 hrs

Overhauled propeller in accordance with W/O # 20-086MT and Overhaul Manual E-220Rev42.

Blades were overhauled, leading edges were not replaced


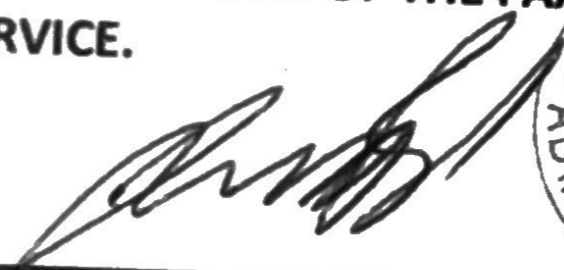

Blade S/N: 1) AFI-54867 2) AFI-54868 3) AFI-54869

Year of Manufacture: 2014




I certify this propeller has been repaired and determined to be in airworthy condition at this time. Return to service this date, March 17, 2020

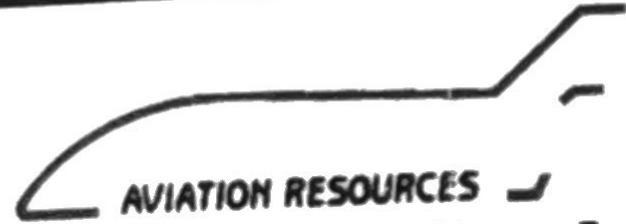
Peter Marshall, Chief Inspector Q4MR908Y

F.A.A. AIRWORTHINESS DIRECTIVE AND SERVICE BULLETIN/ LETTER COMPLIANCE RECORD

Date	Total Propeller Time	Time Since Overhaul	A.D./Bulletin/Letter Number	Authorized Signatures Repairman and Station Certificate Numbers					
N378TT PROP LOG BOOK ENTRY 12/8/20									
 <p>AVIATION RESOURCES 101 Airport Ave, Hangar 7 Cumberland, WI 54829</p>			Cirrus	SR20	S/N 2074	Flight	2096.5	Hobbs	2564.8
			Continental	IO 360 ES(22)B	S/N 1003357	TSOH	0.0	Hobbs	2564.8
			MT	MTV-12-D	S/N 141042	TTP	584.6	Hobbs	2564.8
			Removed spinner. Inspected hub for cracks; no deficiency noted. Lubricated propeller hub with grease. Checked blades for free play; found satisfactory. Dressed leading edges. Reinstalled spinner. (Refer to Job #378TT7 for details.)						
<p>THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION, AND IS APPROVED FOR RETURN TO SERVICE.</p> <p>JIM BARKER A&P/IA 2755069 Cell (715) 491-1303 Email jim@aviationvibes.com</p> <div style="display: flex; justify-content: space-between; align-items: center;">   <div style="text-align: right;"> <p>AVIATION RESOURCES, LLC Hangar (715) 822-5787 www.aviationvibes.com</p> </div> </div>									

F.A.A. AIRWORTHINESS DIRECTIVE AND SERVICE BULLETIN/ LETTER COMPLIANCE RECORD

Date	Total Propeller Time	Time Since Overhaul	A.D./Bulletin/Letter Number	Authorized Signatures Repairman and Station Certificate Numbers					
 <p>AVIATION RESOURCES 101 Airport Ave, Hangar7 Cumberland, WI 54829</p>			N378TT	PROP LOG BOOK ENTRY	12/18/20				
			Cirrus	SR20	S/N 2074	Flight	2103.5	Hobbs	2573.7
			Continental	IO 360 ES(22)B	S/N 1003357	TSOH	7.0	Hobbs	2573.7
			MT	MTV-12-D	S/N 141042	TTP	591.6	Hobbs	2573.7
<p>Performed a dynamic propeller balance. Initial IPS .433 @ 2570 rpm reduced to .075 IPS @ 2584 rpm by adding corrective weights on spinner rear bulkhead. Closed aircraft. (Refer to Job #378TT7 for details.)</p> <p>THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p>JIM BARKER A&P/IA 2755069 Cell (715) 491-1303 Email jim@aviationvibes.com</p> </div> <div style="width: 15%; text-align: center;">  </div> <div style="width: 25%; text-align: center;">  </div> <div style="width: 15%; text-align: right;"> <p>AVIATION RESOURCES, LLC Hangar (715) 822-5787 www.aviationvibes.com</p> </div> </div>									



AVIATION RESOURCES
101 Airport Ave, Hangar7
Cumberland, WI 54829

N378TT

PROP LOG BOOK ENTRY

7/29/21

Cirrus

SR20

S/N 2074

Flight

87.5

Hobbs

2675.2

Continental

IO 360 ES(22)B

S/N 1003357

TSOH

87.5

Hobbs

2675.2

Hartzell

MTV-12-D

S/N 141042

TTP

695.0

Hobbs

2675.2

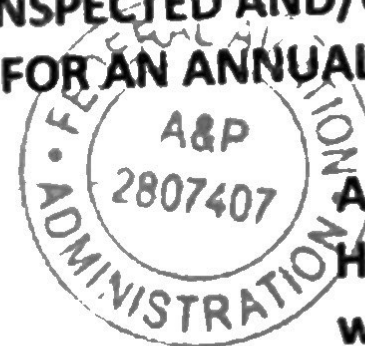
Removed spinner. Inspected hub for cracks; no deficiency noted. Lubricated propeller hub with grease. Checked blades for free play; found satisfactory. Dressed leading edges. Reinstalled spinner. (Refer to Job #378TT9 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION, AND IS APPROVED FOR RETURN TO SERVICE.

SCOTT STANDAERT A&P/JA 2807407

Cell (715) 491-1303

Email jim@aviationvibes.com



AVIATION RESOURCES, LLC

Hangar (715) 822-5787

www.aviationvibes.com



Carolina Aero Tech LLC 85 Summit Drive Hiltonhead, SC 29926 · 843-816-2650

N378TT

FLIGHT TIME: 229.3

MT Propeller, MTV-12-D, S/N: 14-1042

TT: 813.9

HOBBS: 2817.5

June 10, 2022

100 Hour inspection per MT Propeller MM Less SB's.

With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO_788.

Jason Gruener A&P 4268587

PROP MODEL MTV-12-D
PROP S/N 141042
REG NO N378TT
WORK ORDER ISM10038-07-2022

 **CIRRUS** Cirrus Factory Service Center
4134 Aviation Drive
Kissimmee FL 34741

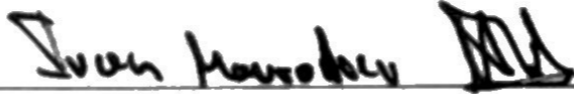
DATE 7/13/2022
A/C TSN 2348 4
PROP TT 834 5
TSPOH
TACH 249 9

Prop Entries

(23) Removed propeller MTV12-D S/N1141042 from Cirrus SR20 S/N 2074 IAW Cirrus SR20 AMM 61-10.

DATE 7/13/2022

SIGNED



Ivan Mavrodiev A&P 4061840

Work Order ISM10038-07-2022

Printed by EBis 3 (datcomedia.com)

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-12-D/188-59b

S/N: 141042

Propeller TSN: Not Provided

TSO: Not Provided

Repaired propeller in accordance with W/O# 22-399MT and Overhaul Manual E-220 Rev68.

Resealed propeller, no blade work performed

Blade SN 1) AFI-54867 2) AFI-54868 3) AFI-54869

Year of Manufacture: 2014

I certify this propeller has been repaired and determined to be in airworthy condition at this time. Return to service this date, July 20, 2022

Peter Marshall, Chief Inspector Q4MR908Y 