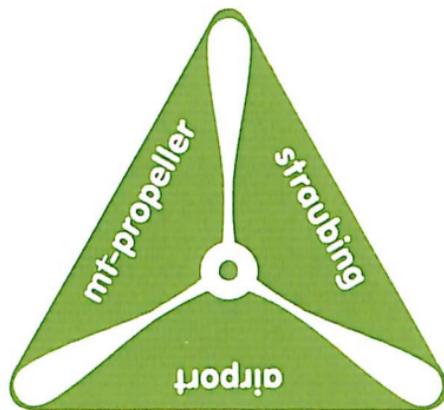


#2



# mt-propeller

*The Winner's Propeller*

## PROPELLER LOGBOOK

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

# Stapleton's Aviation

111 Gulf Stream Dr Lewistown, MT 59457

**N242BC American Champion Scout S/N 534-2010**

**D 03/13/2025 Tach 1101.3 TTAF 1101.3 TTE 1101.3 TTP**

1. Remove propeller due to oil seepage from propeller root area.
2. Send propeller for repair, propeller overhauled by Precision Propeller. SPOH 0.0
3. Install propeller P#MTV-15-B/203-58 S# 150437 on N242BC, torque prop IAW manufacturers instruction. Safety cable.
4. I certify that this propeller has been inspected IAW a 100 HR/Annual inspection IAW FAR Part 43 appendix D and the manufacturers instructions. This propeller was found to be airworthy and is approved for return to service.

Signature  Date 3-13-25  
Joey A Stapleton IA 4399058

# HISTORY

Authorized Signatures Repairman and Station Certificate Numbers

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

# INSTALLATION HISTORY

Owner Name \_\_\_\_\_

Address \_\_\_\_\_

Propeller Model MTV-A5-B

Blade Model 203-58

Hub Serial No. A50437

Blade Serial No. 1 AHA-59825

2 AHA-59826

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

Propeller Diameter: 203 cm  $\pm$  0.5 cm

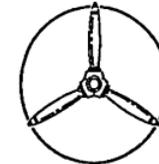
Low Pitch: 7.5 °  $\pm$  0.2 ° TCI: 72 Month

High Pitch: 28 °  $\pm$  1 ° TBO: 1800 Hrs.

Feathering: / °  $\pm$  / °

Reverse: / °  $\pm$  / °

at radius station: 76 cm



## PRECISION PROPELLER SERVICE

4777 W AERONCA ST. BOISE, IDAHO U.S.A. 208-344-5161

Make: MT Propeller Model: MTV-15-B S/N: 150437 TT: ~~Not provided~~ TSOH: -0-

### DESCRIPTION OF WORK ACCOMPLISHED

Overhauled and reconditioned in accordance with MT S/M's E519-R42, E1290-R48, E808-R14. Made visual, dimensional, magnetic particle, and liquid penetrant inspections of all parts. Anodized aluminum parts. Removed paint from blades and visually inspected for cracks and debonding. Painted blades. Assembled prop with new seals. Set angles. Safety wired. Complied with S/I 03, 22, 23A, 37A, 47. S/L 05, 14D, 21B, 24A, 27 R1, 35A, 43, 47. Blade model 203-58. Blade S/N's AHA-59825, AHA-59826.

### MAINTENANCE RELEASE

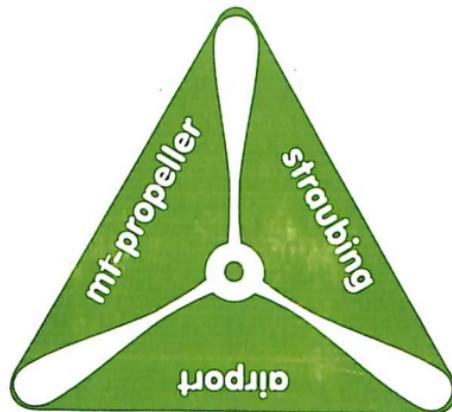
The work and/or inspection of the part or parts identified heron has been done in accordance with current Federal Aviation Administration Regulations and was found to be airworthy. Pertinent details of the repair are on file at this repair station under Work Order No: 42822 Dated: 28/Feb/2025

Signature of authorized person

*Blaine Perkins*

F.A.A. CERTIFIED REPAIR STATION NO. FG6R375D

#1



# mt-propeller

*The Winner's Propeller*

## PROPELLER LOGBOOK

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

4/4/23 Tach time: 789.5

Perform an annual inspection in accordance with American Champion Aircraft service manual and 14 CFR part 43 appendix D. I certify that this propeller has been inspected in accordance with an annual inspection and determined to be in an airworthy condition and

Date is approved for return to service.

Jerry K. Mebihaff AP15773521A



atures  
Station  
bers

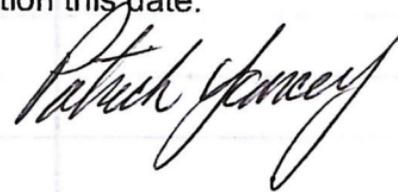
6 August 2022

TACH: 851.0, TTPROP: 352.4

MT Propeller Model: MTV-15-B, SN: 150437, Blade Model: 203-58, SN: AHA-59825, AHA-59826.

I certify that this Propeller has been inspected in accordance with an annual inspection and was found to be in airworthy condition this date.

Patrick Yancey A&P, IA 3176835



4 August 2023

TACH: 938.6, TTPROP: 440.0

MT Propeller Model: MTV-15-B, SN: 150437, Blade Model: 203-58, SN: AHA-59825, AHA-59826.

I certify that this Propeller has been inspected in accordance with an annual inspection and was found to be in airworthy condition this date.

Patrick Yancey A&P, IA 3176835



9 Oct. 2024

TACH: 1079.9, TTPROP: 581.3

MT Propeller Model: MTV-15-B, SN: 150437, Blade Model: 203-58, SN: AHA-59825, AHA-59826.

I certify that this Propeller has been inspected in accordance with an annual inspection and was found to be in airworthy condition this date.

Patrick Yancey A&P, IA 3176835 August 2023



# MAINTENANCE & SERVICE HISTORY

JB West Aviation, LLC  
202 Burns Rd.  
Dumas, AR 71639

(870)382-2216 or (870)299-3861

Date: 4/19/2019      Reg# N242BC      SN: 534-2010      Tach: 671.7      TTProp: 172.9

Inspected propeller in accordance with American Champion 8GCBC service manual and 14CFR43(d). Checked hub for defects or signs of leakage. Checked propeller installation for security. Checked blades for defects and security.

**AD's Complied with:**

Checked AD's for applicability. See AD compliance folder for details.

Performed engine run-up and cycled prop. Ops check satisfactory, no defects noted.

I certify that this **PROPELLER** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in **AIRWORTHY** condition.

James B. West



AP3087142IA

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

3S  
DN  
3

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

JB West Aviation, LLC  
202 Burns Rd.  
Dumas, AR 71639

(870)382-2216 or (870)299-3861

Date: 4/06/2020      Reg# N242BC      SN: 534-2010      Tach: 725.2      TTProp: 226.4

Inspected propeller in accordance with American Champion 8GCBC service manual and 14CFR43(d). Checked hub for defects or signs of leakage. Checked propeller installation for security. Checked blades for defects and security.

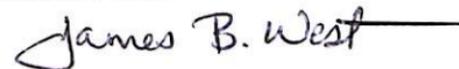
**AD's Complied with:**

Checked AD's for applicability. See AD compliance list for details.

Performed engine run-up and cycled prop. Ops check satisfactory, no defects noted.

I certify that this **PROPELLER** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in **AIRWORTHY** condition.

James B. West



AP3087142IA

# MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
11-11-10		0	INSTALLED ON N242BC TACH TIME 498.8	<i>Wm Kelly</i> 3384041A
<p>4/3/2017 Tach time: 536.8 <b>TSO: 38.0</b>                      Propeller dynamically balanced. Reference FRA Enterprises Inc work order A0083.  <i>Patrick F Shelton II</i>                      Patrick F Shelton II FRA Enterprises Inc. F35R977Y</p>				
<p>4/3/2017 Tach time: 536.8                      I certify this propeller has been inspected in accordance with an 100 hr inspection and found to be airworthy.                      Jerry K Mehlhaff AP1577352IA <i>Jerry K Mehlhaff</i></p>				

# MAINTENANCE & SERVICE HISTORY



**BRAVO 2**  
AVIATION

**Date: 4/27/2018**      **Reg# N242BC**      **SN: 534-2010**      **Tach: 621.8**      **TTProp: 123.0**

Inspected propeller in accordance with American Champion 8GCBC service manual and 14CFR43(d). Checked hub for defects or signs of leakage. Checked propeller installation for security. Checked blades for defects and security.

**AD's Complied with:**  
 Checked AD's for applicability. See AD compliance folder for details.  
 Performed engine run-up and cycled prop. Ops check satisfactory, no defects noted.

I certify that this **PROPELLER** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in **AIRWORTHY** condition.

**Bravo 2 Aviation Services, llc**  
**James B. West**  
*James B. West*  
**AP3087142IA**

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
<p><u>Minuteman Air Service, Inc.</u> (5M1), DeWitt, AR 72042 870-946-0390</p>				
<p>03 May 2016 N391KM Champion 8GCBC S/N 182-75 Tach 0086.4                      Removed Hartzell 3 blade propeller due to customer dissatisfaction with balance and general performance of the specific unit. Installed the following----- MTV-15-B/203-58 S/N 150437 having T.T.S.New of 18.8 hrs with date of manufacture of *08 May 2015* and 000.0 time since NEW BLADES (ref. previous log entry and MT W.O.# 0408/16) with spinner P/N P-271-2-C (ref. MT W.O.# 1856/14) and the included screws with fiber washers. Prop is indexed #1 blade to the (o) flange bushing, torqued to section 5.8 of installation manual E-124 and safety wired. This propeller and existing Woodward Governor M/N B210681 are per T.C. A21CE Propeller section item #5. Propeller is dynamic balanced per the attached ACES 2020HR spec sheet to .05 IPS @ 2300 RPM (MAP) corrected power setting with #1 blade as index. Ground run and leak checked sat.</p>				
				<p><i>Robert B. Craig 283722404P</i></p>
<p>NOTE: Enter Compliance With All Applicable FAA A.D. &amp; Factory Service Bulletins On Pages 11 &amp; 12</p>				

# MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
<p><b>MT-Propeller USA, Inc. 1180 Airport Terminal Drive, DeLand, FL 32724</b>  <b>FAA Approved Repair Station Q4MR908Y</b>  <b>Phone: (386) 736-7762 Fax: (386) 736-7696 E-mail: info@mt-propellerusa.com</b></p>				
<p><b>Propeller Model: MTV-15-B/203-58 S/N: 150437</b>  <b>Propeller TSN: not provided</b></p>				
<p>Repaired propeller in accordance with W/O: 16-314MT and overhaul manual E-220. Blades were overhauled at the factory with modification and upgrade to nickel leading edges.                      Blades: 1) AHA-59825 2) AHA-59826                      Year of manufacture: 2015</p>				
<p>I certify this propeller has been repaired and determined to be in airworthy condition at this time. Return to service this date, October 18, 2016</p>				
				<p><i>Juergen Zahner</i></p>
<p>NOTE: Enter Compliance With All Applicable FAA A.D. &amp; Factory Service Bulletins On Pages 11 &amp; 12</p>				



Owner Name \_\_\_\_\_

Address \_\_\_\_\_

Propeller Model MTV-15-B

Blade Model 203-58

Hub Serial No. 150437

Blade Serial No. 1 ~~AGC-56742~~ AHA-59825

2 ~~AGC-56743~~ AHA-59826

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

Propeller Diameter: 203 cm ± 0.5 cm

Low Pitch: 7.5 ° ± 0.2 ° TCI: 72 Month

High Pitch: 28 ° ± 1 ° TBO: 1800 Hrs.

Feathering: / ° ± / °

Reverse: / ° ± / °

at radius station: 76 cm

# INSTALLATION HISTORY

Date	Aircraft Model, Registration & Serial No., Tacho or Hobbs-Time
------	--

Date: 1/6/2016

Tach Time: 0.0

This propeller model MTV-15-B/203-58s/n: 150437 was installed on this aircraft s/n: 574-2015-2015, model 8GCBC this date.

for AMERICAN CHAMPION AIRCRAFT

PC333CE

Date: 2/29/2016

Tach: 18.8 PTT: 18.8

N966BC

Removed this Propeller from Scout 8GCBC Serial number: 574-2015

Yancey Waddington

~~516132889~~ IA