



The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information



Manufacturer: WACO Classic Aircraft Corporation

Model: YMF WACO F5C

Serial No: F5C-8-143

Registration No: N949GS

Date of Manufacture: August 18, 2015

Engine(s) currently installed:

Manufacturer: Jacobs

Model: R755A2M

Serial: 12318

Manufacturer:

Model:

Serial:

Propeller(s) currently installed:

Manufacturer: MT Propeller

Model: MT 233R150-6AJ

Serial: 15016

Blade 1:

Model:

Serial:

Blade 2:

Model:

Serial:

YEAR 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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Reg#: N949GS Make: WACO Classic Model: YMF WACO F5C S/N: F5C-8-143
Tach: 1.5 Total Time: 1.5

1. Installed Garmin GTS 800 Traffic Advisory System in accordance with Garmin Installation Manual P/N 190-00587-00 Rev. J. Dec. 2013. See 337 form dated 08-24-2015 for detail.
2. See additional log entries for FAR 91.411/91.413.
3. Post installation operational and functional checks good.

This aircraft was altered and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order # AV151483


Jared Sanders Avionics Manager DATE: 24 Aug 2015 CRS # W2OR467Y
Centennial Aircraft Services, Inc., 15955 South Airport Road, Battle Creek, MI 49015

Reg#: N949GS Make: WACO Classic Model: YMF-F5C S/N: F5C-8-143
Tach: 1.5 Total Time: 1.5

I certify that the Altimeter and Static System test required by FAR Part 91.411 and the ATC Transponder tests required by FAR 91.413 have been performed in accordance with FAR Part 43 Appendices E and F.


Tested to 20,000 Ft.

GDC 74A SN: 20619933

MD-302 SN: F15-10414

Transponder GTX 32 SN: 83901258

This aircraft was repaired and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order # AV151465


Jared Sanders Avionics Inspector DATE: 24 Aug 15 CRS # W2OR467Y
Centennial Aircraft Services, Inc., 15955 South Airport Road, Battle Creek, MI 49015

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)


YEAR 20 _____ DATE	RECI TACH TIMI
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Reg#: N949GS Make: WACO Classic Model: YMF S/N: F5C-8-143
Tach: 157.9 Total Time: 157.9

1. Completed Annual inspection in accordance with WACO Classic manual YMFAMM-1 Rev. F.
2. Inspected ELT AK451-2 ELT S/N-24937. Tested ELT in accordance with FAR 91.207(d), no defects noted. Batteries expire 5/2020.
3. Replaced P/N-50087-44 on right hand exhaust collector in accordance with WACO Classic drawing and WACO Classic CPS 40001, AC43.13-1B.
4. Complied with WACO service bulletin SB10-01 by inspection of elevator cable tension and visual inspection of cables fraying. No defects noted
5. Weld repaired crack top inner cowling. Repainted to match color scheme.
6. Replaced air filter P/N BA2705.
7. Filled brake fluid reservoir with MIL-5606.
8. Cleaned and greased inspected all wheel bearings.
9. Lubricated airplane in accordance with WACO inspection checklist.
10. No AD's due at this time
11. Post inspection operational and functional checks found to be satisfactory.

I certify this aircraft has been inspected in accordance with an Annual Inspection and was found to be in airworthy condition.

This aircraft was repaired and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order # SO-16-0030.


Joe Newman Inspector DATE: 9-13-2016
CRS # W2OR467Y
Centennial Aircraft Services, Inc., 15955 S. Airport Rd., Battle Creek, MI 49015

ations
ber of
ntries.)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	T T S

I have issued a Special Airworthiness Certificate, Experimental, for the purpose of Research & Development, dated 19 Sep 2016, for performing flight testing to evaluate a proposed propeller installation design change as follows:

Propeller Model MT 233 R 150-6AJ removed
Propeller Model MTV-15-AA-C/C-236-29 installed
Propeller Spinner Model P-1394-1 installed
Governor Model 1A4G5 installed.

Operating Limitations dated 19-Sep 2016 are part of this certificate.

Aircraft Total Time: 157.9 Hrs. The next inspection is due September 2017.

Signed: Carl L. Dye Date: 9-19-16
Carl L. Dye 305635853

Alterations

(Number of specific entries.)

Reg#: N949GS Make: WACO Classic Model: YMF S/N: F5C-8-143
Tach: 157.9 Total Time: 157.9

1. Removed MT propeller MT233-R150-6AJ S/N-15016.
2. Installed MT propeller model MTV-15-AA-C S/N-150625 on this aircraft. Propeller TSN: 0.0. Installed four lever throttle quadrant P/N-51052 and control cable P/NA920-0960 and all required oil hoses. Referenced Classic Aircraft Corp drawing 50670 and MT Propeller Supplement No.1 to operation and installation manual No. E-124 or 61-01-24 for the installation of this propeller.
3. Installed "EXPERIMENTAL" placard on wing walk in accordance with FAR45.23(b). Installed Passenger warning placard in front cockpit.
4. Updated Weight and Balance report: New empty weight; 2221.0, New C.G.: 79.4.
5. Post inspection operational and functional checks found to be satisfactory.
6. Test flight was performed and found to be in a condition for safe operation.

This aircraft was repaired and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order # SO-16-0031.

Joe Newman Inspector DATE: 9-19-2016
Centennial Aircraft Services, Inc., 15955 S. Airport Rd., Battle Creek, MI 49015

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N949GS

YMF WACO F5C
F5C-8-143

WO# S-17-1189

**Tom's Aircraft
LLC**

2721 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806

Phone 1-562-426-5331

FAX 1-562-426 1052

DATE 12/01/2017

HOBBS 217

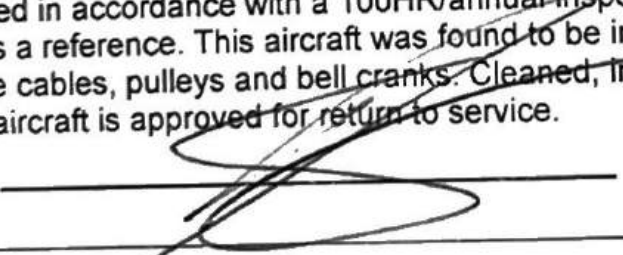
T TIME 217

AIRFRAME LOG ENTRY

- # 1 OPS CHECK AND INSPECTED THE ELT AS PER 91.207, NEXT DUE 01/01/2019, BATTERY NEXT DUE 11/1/2021
- # 2 REMOVED AND REPLACED THIS ENGINE FOR REPAIR. SEE AIRREPAIR LOG BOOK ENTRY DATED 11/08/2017
- # 3 REMOVED AND REPLACED THE PROPELLER DUE TO THE ENGINE REPAIR
- # 4 INSTALLED A NEW BRACKET AIR FILTER, PN# BA-2705.
- # 5 LOWER RH REAR WING TIP WAS REPAIRED BY AIR CREATIONS USING REPAIR KIT SUPPLIED BY WACO CLASSIC AIRCRAFT AND THE WACO SERVICE MANUAL YMFAMM-1 REV F AS A REFERENCE.
- # 6 INSTALLED A NEW RH LOWER AIRERON, PN# 18121-1
- # 7 INSTALLED A NEW LH EXHAUST STACK, PN# 50087-28, 50875-20, 50864-1 and 50872
- # 8 INSTALLED NEW TAIL WHEEL GEARS SEALS PN# 010-027
- # 9 INSTALLED A NEW SPINNER BRACKET PN# 50314

This AIRFRAME has been inspected in accordance with a 100HR/annual inspection as per FAR PART 43 APPENDIX D. This inspection used the WACO service manual as a reference. This aircraft was found to be in an airworthy condition. Opened up all the inspection plates. Removed the interior. Lubed all the cables, pulleys and bell cranks. Cleaned, inspected and repacked the wheel bearings. Ran the aircraft. All systems ops check good. This aircraft is approved for return to service.

FRANCIS SALISBURY



FAA REPAIR STATION VTMR569K

YEAR 20 <u>19</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/2/19	214.0			<p>PERFORMED AN ANNUAL INSPECTION I.A.W. FAR 43 APPENDIX "D" AND VMF WACO F5 SERIES M.M. VMFAMM-1 REV. F LUBED ALL PIVOT POINTS, INSTALLED NEW MAIN TIRES AND TUBES, PERFORMED EIT TEST PER FAR 91.207(d) OPS ✓ "OK" REPACKED WHEEL BEARINGS. INSTALLED NEW JASCO ATTENUATOR PT# 7555T S/N# H-5040737, INSTALLED Prop Governor PT# 2A4-65 S/N 271635, ADAPTER PT# 265722 AND INSTALLED NEW MTV-15-AA-C/C 236-29 S/N# 180932 AND Prop Spinner 1394-1 INSTALLED I.A.W. ATA 61-01-24 (E-124) OPERATION AND INSTALLATION MANUAL. REF. TCDS # ATC 542. NEW W/B IS 222.1 Empty weight, NEW C.G. 79.4 OPS ✓ "OK" IDENTIFY THIS AIRCRAFT HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS FOUND TO BE →</p>

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
4/2/19	214.0			In Airworthy Condition AS OF THIS DATE 4/2/19 111-11 #1519544

Atlas Instruments LLC - FAA Repair Station #OD9R049Y

I certify that the Altimeter and Static System tests required by FAR 91.411 have been performed and found to comply with 14 CFR Part 43,

Appendix "E". Altimeters has been tested to: 20,000 ft.

Aircraft N# 949GS Work Order No. 3-1941

[Signature] 1-30-20
Certificated Authority Date

Atlas Instruments LLC - FAA Repair Station #OD9R049Y

I certify that the Transponder has been tested in accordance with FAR 91.413 and has been found to comply with 14 CFR Part 43,

Appendix "F".

Aircraft N# 949GS Work Order No. 3-1941

[Signature] 1-30-20
Certificated Authority Date

(562) 322-4841  www.atlasinstruments.net

Atlas Instruments LLC - FAA Repair Station #OD9R049Y

I certify that the Altimeter and Static System tests required by FAR 91.411 have been performed and found to comply with 14 CFR Part 43,

Appendix "E". Altimeters has been tested to: 20,000 ft.

Aircraft N# 949GS Work Order No. 3-1941

[Signature] 1-30-20
Certificated Authority Date

#1519544

Atlas Instruments LLC - FAA Repair Station #OD9R049Y

I certify that the Altimeter and Static System tests required by FAR 91.411 have been performed and found to comply with 14 CFR Part 43,

Appendix "E". Altimeters has been tested to: 20,000 ft.

Aircraft N# 949GS Work Order No. 3-1941

[Signature] 1-30-20
Certificated Authority Date

#3

Inspections, Tests, Repairs and Alterations

performed with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

N949GS

YMF WACO F5C
F5C-8-143

WO# 20-496

OCR Aviation

Phone 1-562-426-5331 FAX 1-562-426 1052
2721 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806

AIRFRAME LOG ENTRY

DATE 03/25/2020

HOBBS 238

T TIME 217

Installed a new alternator PN# 7555T, SN# H-T092765 and regulator PN# J12M24SP, SN# 80T57601.

Ran the aircraft. All systems ops check good. This aircraft is approved for return to service.

FRANCIS SALISBURY

[Signature]
FAA REPAIR STATION VTMR569K

YEAR	RECORDING TAG	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be ordered with Name, Rating and Certificate Number of</small>
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N949GS

OCR Aviation

DATE 08/25/2020

YMF WACO F5C
F5C-8-143
WO# 20-641

Phone 1-562-426-5331 FAX 1-562-426 1052
2721 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806

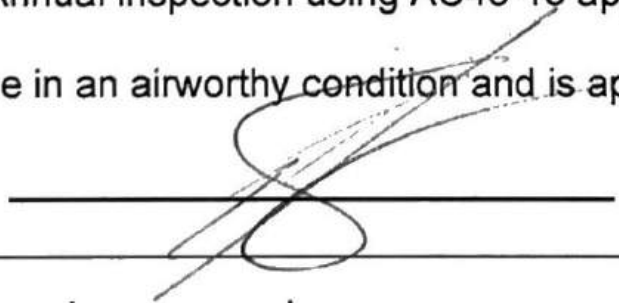
HOBBS 245.3
T TIME 227.6

AIRFRAME LOG ENTRY

- 1.1 Installed new LH and RH Magneto Filters PN:LS03-01010 QTY2, Installed using the YMF WACO F5 Series Maintenance Manual PN: YMFAMM-1 as a reference.
- 1.2 Installed a new Alternator Filter PN:LS03-01004 QTY 1 Installed using the YMF WACO F5 Series Maintenance Manual PN: YMFAMM-1 as a reference.
- 1.6 Repaired Engine cylinder baffle using a fiberglass patch repair using the AC 43.13 1B Chapter 3 as a reference.
- 1.7 Installed a new CYL #3 EGT Probe PN: N-111 QTY 1 and a. New CHT Probe PN: N-113 QTY 1, Installed using the YMF WACO F5 Series Maintenance Manual PN: YMFAMM-1 as a reference.
- 1.8 Installed an Overhauled Alternator PN# 7555T, SN# H-U010494, Removed PN# 7555T, SN# H-T092765.
- 1.9 Completed a 100HR / Annual inspection using AC43-13 appendix d as a reference.

This aircraft was found to be in an airworthy condition and is approved for return to service

FRANCIS SALISBURY



FAA REPAIR STATION VTMR569K

Atlas Instruments LLC - FAA Repair Station #OD9R049Y

I certify that the Altimeter and Static System tests required by FAR 91.411 have been performed and found to comply with 14 CFR Part 43, Appendix "E". Altimeters has been tested to: 20,000 ft.

Aircraft N# 949GS Work Order No. 3-2452

[Signature]
Certificated Authority Date 8-10-22

Atlas Instruments LLC - FAA Repair Station #OD9R049Y

I certify that the Altimeter and Static System tests required by FAR 91.411 have been performed and found to comply with 14 CFR Part 43, Appendix "E". Altimeters has been tested to: 20,000 ft.

Aircraft N# 949GS Work Order No. 3-2452

[Signature]
Certificated Authority Date 8-10-22

Atlas Instruments LLC - FAA Repair Station #OD9R049Y

I certify that the Transponder has been tested in accordance with FAR 91.413 and has been found to comply with 14 CFR Part 43, Appendix "F".

Aircraft N# 949GS Work Order No. 3-2452

[Signature]
Certificated Authority Date 8-10-22

Inspections, Tests, Repairs and Alterations
performed with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

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0099

Atlas Instruments LLC - FAA Repair Station #OD9R049Y

I certify that the Altimeter and Static System tests required by FAR 91.411 have been performed and found to comply with 14 CFR Part 43, Appendix "E". Altimeters has been tested to: 20,000 ft.

Aircraft N# 949GS Work Order No. 3-2452
[Signature]
Certificated Authority Date 8-10-22

MD302



YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N949GS
 YMF WACO F5C
 F5C-8-143
 WO# 22-1323

OCR Aviation

Phone 1-562-426-5331 FAX 1-562-426 1052
 2721 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806

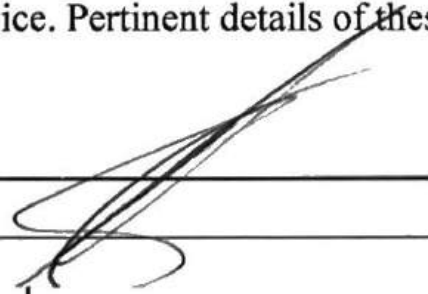
DATE 08/22/2022
 TACH 232.6
 T TIME 232.6

AIRFRAME LOG ENTRY

- 1.2 Completed a 100HR / Annual inspection using AC43-13 appendix d and the Waco service manual as a reference. This aircraft was found to be in an airworthy condition and is approved for return to service,
- 1.4 Completed the ELT inspection and functional test as per CFR 91.207 (d). Next inspection due 08/01/2023. ELT battery next replacement due AUGUST/2023.
- 1.7 Adjusted the governor and control cable as needed



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 22 - 1323.

FRANCIS SALISBURY _____



FAA REPAIR STATION VTMR569K

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

 High Altitude Avionics Ltd. Victoria Int'l Airport 1-250-800-1016		
Date: 25 OCT 2022	W/O: 221018N949GS	TTSN:
ATC unable to get altitude reporting from transponder. Configuration of GTN 750 and GTN 635 incorrect for aircraft systems. Corrected and tested serviceable. GTN-750 and GTN-635 software updated in accordance with Garmin SB 2141 Rev. B. The described maintenance has been performed in accordance with the applicable airworthiness requirements.		
Sig: 		License: 511807
Keir Madsen		

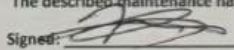
JOURNEY - ROUTE		CREW - ÉQUIPAGE		RECORD OF TIME - FICHE DE TEMPS				OTHER - AUTRE	
1. DATE	2. POINT OF DEPARTURE AND DESTINATION POINT DE DÉPART ET DESTINATION	3. NAME(S) NOMS	4. TAKEOFF DÉCOLLAGE	5. LAND ARRIVÉE	6. AIR TIME TEMPS AIR	7. TOTAL AIR TIME SINCE MANUFACTURE TEMPS AIR TOTAL DEPUIS SA CONSTRUCTION	HOURS METER FINISH / FLIGHT TIME FIN / TEMPS DE VOL		8. REMARKS REMARQUES

9. SIGNATURE PILOT OR MECHANIC / LICENCE NUMBER PILOTE MÉCANIC / COMPAGNE APPROUVÉE / No de LICENCE

C-GMDY WACO Classic Aircraft Corp. YMF FSC S/N FSC-8-143
Total time: 272.4 Hours for Airframe and Engine Propeller 58.4 Hours
Engine: Jacobs R 75S A2M, S/N 12318 Specification E-237
Propeller: MT-Propeller MTV-15-AA-C/C236-29 S/N 180932 Specification P2380

- This aircraft has been imported IAW CAR 507.07 and importation checklist MS1-26R1.
- Annual inspection completed IAW CAR 625 Appendix B using WACO check sheet as a guide.
- Oil drained and replaced with 5 gals 25W60 multi grade oil.
- New filter installed, old one split and inspected, no fault found.
- Cylinder leak test completed #1 80/80 #2 77/80 #3 75/80 #4 80/80 #5 76/80 #6 78/80 #7 76/80.
- Applicable Airworthiness directives confirmed for compliance.
- CF-90-03R2, inspection of heat muff complied with.
- First-aid kit installed.
- Fire Extinguisher installed IAW AC 43-13 3B Chapter 7 Sec 3 para. 7.35 thru 7.41 Table 7-1
- Weight and Balance amended Items 8 & 9 above.
- Replace tailwheel 10x3.5-4 ply and tube.
- Small nick trailing edge of propeller 12.7mm x 2 mm repaired IAW 6.8.1 of the MT Propeller manual ATA 61-01-24 (E-124).
- Replaced all brake pads 66-108.
- Cleaned, checked, and regreased all wheel bearings.
- Compass swing completed and noted below, correction card installed.
- US registration removed new Canadian registration installed IAW CAR 222.01 & 02.

N	090	060	E	120	150	S	230	240	W	300	330
002	031	059	067	138	149	179	209	240	268	299	321
C-GMDY DATE: April 21, 2023											
M103517											

The described maintenance has been performed IAW the applicable standards of airworthiness.
 Signed:  Licence # M103517
 Murray Palmer



High Altitude Avionics Ltd.
 Victoria Int'l Airport 1-250-800-1016

Date: 14 APR 2023 W/O: Z30314GMDY TTSM: 272.4

Garmin ADC GDC-74A Calibrated in accordance with Garmin GDC-74(X) Field Calibration Tool 190-00303-82 Rev D and GDC-74 IM P/N 190-00303-15 Rev J. ADC inspected/tested to 20,000 ft in accordance with CAR 571 App. B

STBY Mid-Continent Altimeter MD302 P/N 6420302-1 (S/N F15-10414) inspected/tested to 20,000 ft in accordance with CAR 571 App. B

Transponder GTX-32 (S/N 83901258) inspected/tested in accordance with CAR 571 App F.

ELT P/N AK451-2 (S/N 24937) removed due to FAA AD 2017-16-01. Customer supplied ELT P/N ELT-10 (S/N 28613) installed and inspected/tested in accordance with CAR 571 App. G. Battery Due, JUNE 2025.

Leak checked system, Pitot @210mph = 0.20mph/min. Static @1000ft AGL = 7ft/min.

Pitot Heat = Servicable

Garmin GTS-800 Traffic System and Garmin GDL-88 ADS-B Transceiver registration changed, due to import. New HEX code: C0648F.

The described maintenance has been performed in accordance with the applicable airworthiness requirements.

Sign:  License: 511807
 Keir Madsen

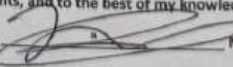
APR 21 23	445											212-A
MAY 10 23	CARRIED OUT W/B WEIGHING USING KIT NUMBER											
	I CERTIFY THAT THIS DATA HAS BEEN PREPARED IN ACCORDANCE											
MAY 21 23	INSERTED weight & BALANCE addendum TO UPDATE THE EQUIPMENT LIST RE: INSTALLED AVIONICS EQUIPMENT DATED MAY 10 23											
	I CERTIFY THAT THE DATA HAS BEEN PREPARED IN ACCORDANCE											

AWS-156-REM-
 WITH THE APPLICABLE STANDARDS OF AIR WORTHINESS.
 EQUIPMENT LIST RE: INSTALLED AVIONICS EQUIPMENT DATED MAY 10 23
 WITH PROVISIONS OF CAR 605.92 & AWM 571, APPENDIX C.

After review of the aircraft records, the items listed above along with the original manufacturer's equipment list was determined to be installed at time of aircraft weighting, on May 10, 2023.

Basic Empty Weight 2199.0 lb CG Arm 75.5 in. Moment 166024.5

The maintenance described above has been performed in accordance with the applicable standards of airworthiness requirements, and to the best of my knowledge represents the true empty weight and center of gravity of the aircraft.

Signature:  M103517
 May 21, 2023

For operational convenience only, enter **Next Maintenance** time in the first box in the form at bottom of the right-hand page. When the maintenance time is reached, and the required maintenance is completed, cross out the **Next Maintenance** entry and enter the **Next Maintenance** due time in the next available space.
 Pour la convenance opérationnelle seulement, écrire le temps du **Prochain Entretien** dans la première case au bas de la page droite. Quand le temps d'entretien est atteint et accompli, rayez l'entrée et inscrivez le temps du **Prochain Entretien** dans la case suivante.

Next Maintenance Prochain Entretien	Due	Due	Due	Due

April 10	CICD CICD	M. Pr. hada John Nonica	11am	12:20	1.3		314.6	1.3
MAY 22 24	CYCD CYCY	M. Pr. hada		9:35	9:55	.3	314.9	.3

MTF 24/24

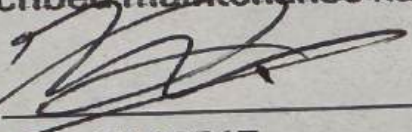
C-GMDY WACO Classic Aircraft Corp. YMF F5C-8-143
 Carried out Annual Inspection IAW CARs Chapter 625 Appendix B & C

Total time 314.9 airframe and engine. 126.9 prop
 Engine: Jacobs R755 A2M, S/N 12318 Spec. E237
 Prop: MT Propeller MTV -15-AA-C/236-29 S/N 180932 Spec P2380

1. Oil drained and replaced with 5 gal 25W60 multi grade
2. New filter installed, Oil one split and inspected No fault found.
3. Cylinder Leack check done 1. 78/80 2. 76/80 3. 76/80
 4. 75/80 5. 76/80 6. 76/80 7. 76/80
4. Applicable AWDs comnfirmmed for compliance.
5. CF90-03R2 Inspection of heat muff c/w no fault found.
6. First Aid Kit inspected.
7. Compass swing completed & noted.

Compass Swing Performed as per customer request
 FOR 000 030 060 090 120 150 180 210 240 270 300 330
 STEER 001 032 061 092 124 154 182 212 241 272 301 332

The described maintenance has been done IAW the applicable standards of airworthiness .

Signed: 
 License# M103517
 Murray Palmer

For operational convenience only, enter **Next Maintenance** time in the first box in the form at bottom of the *right-hand* page. When the maintenance time is reached, and the required maintenance is completed, cross out the **Next Maintenance** entry and enter the **Next Maintenance** due time in the next available space.
 Pour la convenance opérationnelle seulement, écrire le temps du **Prochain Entretien** dans la première case au bas de la page droite. Quand le temps d'entretien est atteint et accompli, rayer l'entrée et inscrire le temps du **Prochain Entretien** dans la case suivante.

Actual weight and balance

Empty weight as weighed – Level

Including the following:

- 1. Unusable fuel - 1 U.S. Gal.
- 2. Engine oil - 5 U.S. Gal. Full

Fixed Equipment (See Equipment list).

Weight Date: 05/10/2023

ITEM	WEIGHT IN POUNDS	ARM INCHES	MOMENT LB/IN.
Left Main wheel	1052	64.6	67959
Right Main wheel	1019	64.6	65827
Tail wheel	128	253.6	32461

TOTAL WEIGHT **2199.0** **166024.5**

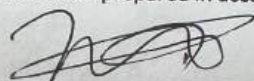
EMPTY WEIGHT C. G. LOCATION **75.7**

MAXIMUM ALLOWABLE GROSS WEIGHT **2950 LB.**

USEFUL LOAD **751 LB.**

I certify that this data has been prepared in accordance with the applicable standards of airworthiness.

Murray Palmer



M 103517.

Aircraft Scales Model:

Kit Number AWS-156-REM
Serial Number 11718
Indicator PN: OP-903
Load Cell # 1 VFC S1
Load Cell #2 VFC S2
Load Cell # VFC S3
Calibration Date 5-DEC-22
Calibration Expiry 1-JAN-24



Transport Canada / Transports Canada

CERTIFICATE OF AIRWORTHINESS

CERTIFICAT DE NAVIGABILITÉ

<p>1. Nationality and Registration Marks Marques de nationalité et d'immatriculation C-GMDY</p>	<p>2. Aircraft Manufacturer and Model Constructeur et modèle de l'aéronef WACO CLASSIC AIRCRAFT CORP. YMF WACO F5C</p>	<p>3. Aircraft Serial Number Numéro de série de l'aéronef F5C-8-143</p>	<p>4. Type Certificate and Category Certificat de type et catégorie ATC-542 NORMAL</p>
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5. This Certificate of Airworthiness is issued pursuant to the *Aeronautics Act* and certifies that, as of the date of issuance, the aircraft in respect of which it was issued has been inspected and found to conform to the type certificate therefor, to be in a condition for safe operation, and has been shown to meet the comprehensive and detailed airworthiness requirements referred to in Annex 8 to the Convention on International Civil Aviation.
6. The aircraft identified above shall be maintained and certified in accordance with the applicable requirements of the *Canadian Aviation Regulations*.
7. This Certificate shall remain in force until suspended or cancelled in accordance with the *Aeronautics Act*.
8. In respect of the noise emission levels specified in Chapter 516 of the *Airworthiness Manual* this aircraft:

5. Le présent certificat de navigabilité est délivré en vertu de la *Loi sur l'aéronautique* et certifie qu'à la date de délivrance dudit certificat, l'aéronef visé par ce certificat a été inspecté, est conforme à son certificat de type, est apte à voler en toute sécurité et a démontré qu'il satisfait aux exigences du code de navigabilité complet et détaillé tel que décrit à l'Annexe 8 de la Convention relative à l'aviation civile internationale.
6. L'aéronef ci-haut mentionné est entretenu et certifié conformément aux exigences pertinentes du *Règlement de l'aviation canadien*.
7. Le présent certificat reste en vigueur à moins qu'il y ait suspension ou annulation conformément à la *Loi sur l'aéronautique*.
8. En vertu des normes d'émission de bruit décrites au chapitre 516 du *Manuel de navigabilité*, l'aéronef mentionné :

complies with the requirements specified below
satisfait aux exigences précisées ci-dessous

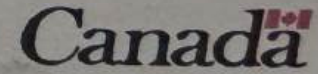
is not required to comply
n'est pas obligé de satisfaire aux exigences

2023-05-22
Date of Issue (yyyy-mm-dd)
Date de délivrance (aaaa-mm-jj)

Joseph Adams MD-M 0508

Digitally signed by Joseph Adams MD-M 0508
Date: 2023.05.22 08:15:54 -07'00'

For the Minister of Transport - Pour le ministre des Transports





Transport Transports
Canada Canada

**CERTIFICATE OF REGISTRATION OF AIRCRAFT
CERTIFICAT D'IMMATICULATION DE L'AERONEF**

Nationality and Registration Marks Marques de nationalité et d'immatriculation C - GMDY	Aircraft or Kit Manufacturer and Model Designation - Constructeur et désignation de l'aéronef ou du kit de l'aéronef WACO CLASSIC AIRCRAFT CORP.	
Purpose - Objet Private - Privé	YMF WACO F5C	
	Aircraft Serial Number - Numéro de série de l'aéronef F5C-8-143	
Registered Owner(s) - Propriétaire(s) enregistré(s) Martin Peter Pihoda		
Address - Adresse 128 Mariners Lane Salt Spring Island BC V8K 1S6 CANADA		
<small>Whereas it has been duly declared that the above-mentioned aircraft is not registered in any other State, it is hereby certified that it has been duly entered on the Register of Canada in accordance with the Convention on International Civil Aviation dated the 7th of December, 1944, and the <u>Canadian Aviation Regulations.</u></small> <small>Attendu que l'aéronef mentionné ci-dessus n'a pas été immatriculé dans un autre État, je certifie par la présente qu'il a été inscrit au registre du Canada, conformément à la Convention relative à l'Aviation civile internationale signée le 7 décembre 1944 et du <u>Règlement de l'aviation canadien.</u></small>		
3 April/avril 2023	3 April/avril 2023	 For the Minister of Transport - Pour le ministre des Transports
Owner Registration Date Date d'immatriculation du propriétaire	Certificate Issue Date Date de délivrance du certificat	

26-0478 (0106-02) FF 1.1

This Certificate is not a Certificate of Title - Ce certificat n'est pas un certificat de titre

24 bit address/adresse 24-bits'

Bin: 110000000110010010111111. Hex: C064BF. Oct: 60062277

Fold Here - Plier ICI

EMPS

HOBBS METER

FINISH	FLIGHT 7
FIN	TEMPS DE VOL

The Standard
ALPHA LOG

ASD-67-2

Aircraft Record General Information



Manufacturer: WACO Classic Aircraft Corporation

Model: YMF WACO F5C

Serial No: F5C-8-143

Registration No: N949GS

Date of Manufacture: August 18, 2015

Engine(s) currently installed:

Manufacturer: Jacobs

Model: R755A2M

Serial: 12318

Manufacturer:

Model:

Serial:

Propeller(s) currently installed:

Manufacturer: MT Propeller

Model: MT 233R150-6AJ

Serial: 15016

Blade 1:

Model:

Serial:

Blade 2:

Model:

Serial:

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N949GS YMF WACO F5C S/N F5C-8-143 Production flight test was completed in accordance with WACO Classic Aircraft Corp. Production Flight Test Procedures Manual 86-PFTM1 and found to be satisfactory. The total time is <u>1.5</u> Hr.
				Signed: <u>Carl L. Dye</u> Date: <u>8-18-15</u> Carl L. Dye, WACO Classic Aircraft Corp Chief Inspector
				I find that the aircraft meets the requirements for the certificate requested and have issued a Standard Airworthiness Certificate dated 08/18/2015.
				The next inspection is due August 2016.
				Signed: <u>Carl L. Dye</u> Date: <u>8-18-15</u> Carl L. Dye 305635853

Reg#: N949GS Make: WACO Classic Model: YMF WACO F5C S/N: F5C-8-143
 Tach: 1.5 Total Time: 1.5

1. Installed Garmin GTS 800 Traffic Advisory System in accordance with Garmin Installation Manual P/N 190-00587-00 Rev. J. Dec. 2013. See 337 form dated 08-24-2015 for detail.
2. See additional log entries for FAR 91.411/91.413.
3. Post installation operational and functional checks good.

This aircraft was altered and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order # AV151483

Jared Sanders
 Jared Sanders Avionics Manager DATE: 24 Aug 2015
 Centennial Aircraft Services, Inc., 15955 South Airport Road, Battle Creek, MI 49015 CRS # W2OR467Y

YEAR 20
 DATE
 RECORDING TACH TIME
 TODAY'S FLIGHT
 TOTAL TIME IN SERVICE

Reg#: N949GS Make: WACO Classic Model: YMF-F5C S/N: F5C-8-143
 Tach: 1.5 Total Time: 1.5

I certify that the Altimeter and Static System test required by FAR Part 91.411 and the ATC Transponder tests required by FAR 91.413 have been performed in accordance with FAR Part 43 Appendices E and F.

Tested to 20,000 Ft.

GDC 74A SN: 20619933

MD-302 SN: F15-10414

Transponder GTX 32 SN: 83901258

This aircraft was repaired and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order #AV151465

Jared Sanders
 Jared Sanders Avionics Inspector DATE: 24 Aug 15
 Centennial Aircraft Services, Inc., 15955 South Airport Road, Battle Creek, MI 49015 CRS # W2OR467Y

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

RECORDING TACH TIME
 TODAY'S FLIGHT

1. Removed comm ar 519969
2. Removed NSR plugs 3054504-021 and 3
3. Post installation opr

This aircraft was all manufacturer's mail regulations, and on pertinent details ar 1571
Jared Sanders
 Jared Sanders
 Centennial Aircraft Sr

Reg#: N949GS
 Tach: 157.9

Reg#: N949G5
Tach: 157.9

Make: WACO Classic
Total Time 157.9

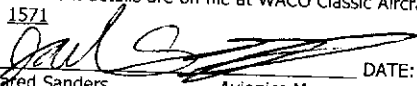
Model: YMF WACO F5C S/N: F5C-8-143

Alterations
(to Number of specific entries.)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT

1. Removed comm antenna SN: 489102 from upper left wing and replaced with SN: 519969
2. Removed NSR Pulsar lights from both right and left wing tips and replaced with SN: 3054504-021 and 3054504-022.
3. Post installation operational and functional checks satisfactory.

This aircraft was altered and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at WACO Classic Aircraft under Work Order # ASO-16-1571

 DATE: 1 Sep 16
Jared Sanders Avionics Manager CRS # W2OR467Y
Centennial Aircraft Services, Inc., 15955 South Airport Road, Battle Creek, MI 49015

END

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	T T S

I have issued a Special Airworthiness Certificate, Experimental, for the purpose of Research & Development, dated 19 Sep 2016, for performing flight testing to evaluate a proposed propeller installation design change as follows:

- Propeller Model MT 233 R 150-6AJ removed
- Propeller Model MTV-15-AA-C/C-236-29 installed
- Propeller Spinner Model P-1394-1 installed
- Governor Model 1A4G5 installed.

Operating Limitations dated 19-Sep 2016 are part of this certificate.

Aircraft Total Time: 157.9 Hrs. The next inspection is due September 2017.

Signed: Carl L. Dye Date: 9-19-16
 Carl L. Dye 305635853

Alterations

(a Number of specific entries.)

Reg#: N949GS Make: WACO Classic Model: YMF S/N: F5C-8-143
 Tach: 157.9 Total Time: 157.9

1. Removed MT propeller MT233-R150-6AJ S/N-15016
2. Installed MT propeller model MTV-15-AA-C S/N-150625 on this aircraft. Propeller TSN: 0.0. Installed four lever throttle quadrant P/N-51052 and control cable P/NA920-0960 and all required oil hoses. Referenced Classic Aircraft Corp drawing 50670 and MT Propeller Supplement No.1 to operation and installation manual No. E-124 or 61-01-24 for the installation of this propeller
3. Installed "EXPERIMENTAL" placard on wing walk in accordance with FAR45.23(b). Installed Passenger warning placard in front cockpit.
4. Updated Weight and Balance report: New empty weight: 2221.0, New C.G.: 79.4
5. Post inspection operational and functional checks found to be satisfactory.
6. Test flight was performed and found to be in a condition for safe operation.

This aircraft was repaired and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order # SO-16-0031.

Joe Newman DATE: 9-19-2016
 Inspector CRS # W2OR467Y
 Centennial Aircraft Services, Inc., 15955 S. Airport Rd , Battle Creek, MI 49015

YEAR
20
DATE

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Reg#: N949GS
Tach: 170.5

Make: WACO Classic
Total Time: 170.5

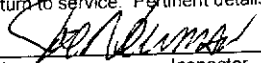
Model: YMF

S/N: F5C-8-143

erations
umber of
: entries.)

1. Removed MT propeller model MTV-15-AA-C S/N-150625 from this aircraft.
2. Installed MT propeller MT233-R150-6AJ S/N-16057 in accordance with Waco Service manual YMFAMM-1 Rev. F. and MT-Propeller operation and installation manual ATA 61-01-12 (E112), dated Rev 22 dated March 5, 2014.
3. Removed "EXPERIMENTAL" placard on wing walk. Removed Passenger warning placard in front cockpit.
4. Updated Weight and Balance report: New empty weight, 2194.4, New C.G.: 75.90.
5. Placarded propeller control lever "IN-OP"
6. Post inspection operational and functional checks found to be satisfactory.

This aircraft was repaired and inspected in accordance with the applicable manufacturer's maintenance manuals and current Federal Aviation Administration regulations, and only that work performed is approved for return to service. Pertinent details are on file at this repair station under Work Order # SO-16-0040.

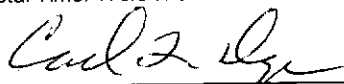

 DATE: 11-04-2016
 Joe Newman Inspector CRS # W2OR467Y
 Centennial Aircraft Services, Inc., 15955 S. Airport Rd., Battle Creek, MI 49015

I find this aircraft meets the requirements for the reinstatement of the current standard airworthiness certificate, following completion of R&D flight testing, based on an inspection confirming reconfiguration of the aircraft to the approved type design as follows:

- Propeller Model MTV-15-AA-C/C-236-29 removed
- Propeller Spinner Model P-1394-1 removed
- Governor Model 1A4G5 removed
- Propeller Model MT 233 R 150-6AJ installed.

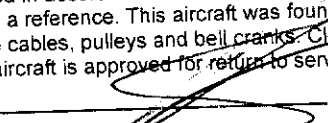
This certification process does not replace or change the dates or times of scheduled inspection. The next inspection is due September 2017.

Aircraft Total Time: 170.5 Hrs.

Signed:  Date: 11-4-16
 Carl L. Dye 305635853

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N949GS **Tom's Aircraft** Phone 1-562-426-5331 DATE 12/01/2017
 YMF WACO F5C **LLC** FAX 1-562-426 1052 HOBBS 217
 F5C-8-143 2721 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806 T TIME 217

AIRFRAME LOG ENTRY
 WO# S-17-1189
 # 1 OPS CHECK AND INSPECTED THE ELT AS PER 91.207. NEXT DUE 01/01/2019, BATTERY NEXT DUE 11/1/2021
 # 2 REMOVED AND REPLACED THIS ENGINE FOR REPAIR. SEE AIRREPAIR LOG BOOK ENTRY DATED 11/08/2017
 # 3 REMOVED AND REPLACED THE PROPELLER DUE TO THE ENGINE REPAIR
 # 4 INSTALLED A NEW BRACKET AIR FILTER, PN# BA-2705.
 # 5 LOWER RH REAR WING TIP WAS REPAIRED BY AIR CREATIONS USING REPAIR KIT SUPPLIED BY WACO CLASSIC AIRCRAFT AND THE WACO SERVICE MANUAL YMFAMM-1 REV F AS A REFERENCE.
 # 6 INSTALLED A NEW RH LOWER AIRERON, PN# 18121-1
 # 7 INSTALLED A NEW LH EXHAUST STACK, PN# 50087-28, 50875-20, 50864-1 and 50872
 # 8 INSTALLED NEW TAIL WHEEL GEARS SEALS PN# 010-027
 # 9 INSTALLED A NEW SPINNER BRACKET PN# 50314
 This AIRFRAME has been inspected in accordance with a 100HR/annual inspection as per FAR PART 43 APPENDIX D. This inspection used the WACO service manual as a reference. This aircraft was found to be in an airworthy condition. Opened up all the inspection plates. Removed the interior. Lubed all the cables, pulleys and bell cranks. Cleaned, inspected and repacked the wheel bearings. Ran the aircraft. All systems ops check good. This aircraft is approved for return to service.
 FRANCIS SALISBURY  FAA REPAIR STATION VTMR569K

YEAR 20 <u>19</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
<u>4/2/19</u>	<u>214.0</u>			<p> <u>PERFORMED AN ANNUAL INSPECTION I.A.W.</u> <u>FAR 43 APPENDIX "D" AND VmF WACO F5</u> <u>SER 5 M.M. VmF AMM I REV. F USED</u> <u>ALL PIVOT POINTS, INSTALLED NEW MAIN</u> <u>TIRE 3 AND TUBES, PERFORMED EIT TEST PER</u> <u>FAR 91.207(d) OPS ✓ "OK" REPAIRED WHEEL</u> <u>BEARINGS. INSTALLED NEW JASCO ATTACHMENT PT# 7553T</u> <u>S/N # H-5046737, INSTALLED PROP GEAR PT#</u> <u>2A4-65 S/N 271635, ADAPTER PT# 265722</u> <u>AND INSTALLED NEW MTV-15-AA-C/C 236-</u> <u>29 S/N # 180932 AND PROP SPINNER 1394-1</u> <u>INSTALLED I.A.W. ATA 61-01-24 (E-124)</u> <u>OPERATION AND INSTALLATION MANUAL. REF.</u> <u>TCDS # ATC 542. NEW W/B IS</u> <u>222.1 EMPTY WEIGHT, NEW C.G. 79.4</u> <u>OPS ✓ "OK" IDENTIFY THIS AIRCRAFT</u> <u>HAS BEEN INSPECTED I.A.W. AN ANNUAL</u> <u>INSPECTION AND WAS FOUND TO BE ✓</u> </p>

