



MachPointOneAviation.com

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Photo shoot fun in Texas

Scot Warren along with partner Cameron Simmons, our South West dealer (www.WarrenAircraft.com) and Rob Whiteside (www.austinbiplane.com) had a great time doing a 3 ship photo shoot recently near Austin, Texas. The photographer was Glenn Watson with Mach Point One Aviation Photography (www.machpointoneaviation.com)



Show calendar :

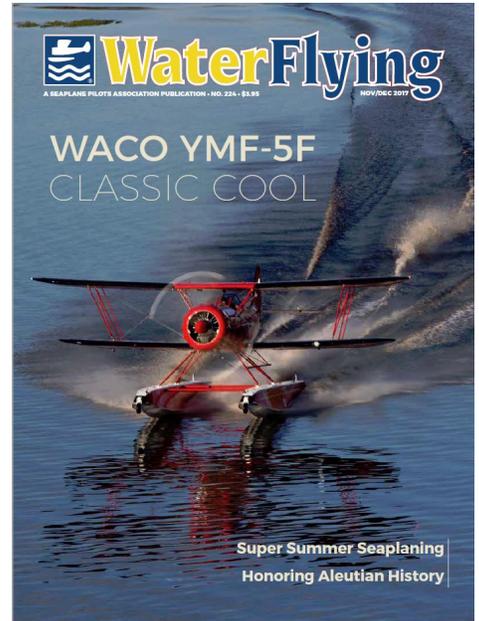
- Air Venture July 23-29
- AOPA Santa Fe Sept. 14-15
- Indiana Splash-In Sept 22-23
- AOPA Carbondale, IL Oct. 5-6
- AOPA Gulf Shores, AL Oct. 26-27

"Best in Show" win for the WACO YMF-5F

The new YMF-5F Float Plane recently won the "Best in Show" award at the Lake Otsego Splash-in. This win adds to a growing and impressive list of awards received at recent aviation events and from the aviation media. Other recent awards include "fastest takeoff" for a single engine airplane at the Tavares Monster Splash and "Biggest WOW factor" award at the Sun-n-Fun Splash in. Additionally, the airplane has been getting phenomenal media coverage. Some recent covers can be see on page 2 of this newsletter.

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Recent Magazine Covers & Coverage



The new Garmin G 500 TXi—now available for 2018 & 2019 WACOs

Boasting a clean-sheet touchscreen design and vibrant presentation, the TXi family incorporates greater situational awareness tools and an innovative feature set into a contemporary avionics platform. Three displays are available, offering optimal flexibility for panel configurations, including a large 10.6-inch display, and two versions of 7-inch displays, in portrait and landscape orientations. The 10.6-inch display can operate as a primary flight display (PFD), multi-function display (MFD).



The TXi family incorporates a familiar touchscreen design with modern processors that support improved map and chart rendering, faster panning and contemporary single-finger zoom and pinch-to-zoom gestures. Through any combination of the touchscreen or dual concentric knobs, pilots can quickly access and view flight information at a glance. Modernized displays and large fonts offer improved readability, while the simplistic user-interface helps reduce overall pilot workload. Pilots will also appreciate a familiar in-flight experience behind the TXi series as the user interface is harmonious with multiple Garmin products, such as the GTN 650/750 touchscreen navigators.

More cool equipment from Garmin—the G5

Garmin made big news with the announcement of G5, and it's easy to see why. The compact and cost-effective G5 electronic flight instrument delivers exceptional performance and reliability as a standalone primary source for aircraft attitude information - it's more than a backup. It also displays secondary information, such as airspeed and altitude, to offer enhanced situational awareness.

Features:

- Replaces traditional electromechanical attitude indicator or turn coordinator
- Integrates with your aircraft's existing pitot/static system
- Bright, sunlight-readable color screen (3.5" LCD)
- Fits standard 3 1/8" instrument hole for easy installation



ThinOptics—now REQUIRED equipment in my aircraft

“Welcome to 50” was the quote from my eye doctor. The present was the unwelcome news that I would now need reading glasses. Unfortunately, she was just reaffirming what my FAA medical said (and AME identified months earlier) . That was that I “Must have available glasses for near vision”. Those words now stain the limitations box of my newly issued medical.

The solution was a great product that I found on the internet called Thin Optics. They include a handy holder with a sticky back. I ordered a bunch of them and have stuck them in every airplane that I fly. Now there is no risk of being illegal and if I need them, I have them readily at hand. www.ThinOptics.com



Safety Notice SN-045

USE EXTRA CAUTION DURING POST MAINTENANCE FLIGHTS

Applicable Aircraft: all Waco YMF series & 2T-1A-1/2 series

Issued: June 19, 2018

A number of aviation accidents have occurred during flights immediately following aircraft maintenance. In several cases, the cause was incorrect or incomplete reassembly of the aircraft. The error would have been detectable during a careful preflight inspection.

Even the best maintenance personnel can become distracted and make a mistake. Pilots should conduct an especially thorough preflight inspection after maintenance has been performed. If possible, speak with the technicians who performed the work and find out exactly what was done and pay special attention to those areas. Professional maintenance personnel will appreciate the pilot's commitment to safety and will welcome an additional check of their work.

Any work done on the flight control system deserves special attention, because a flight control disconnect is almost always catastrophic. NEVER RUSH OR SKIP PREFLIGHT STEPS.

Customers are encouraged to review all WACO Safety notices. A compilation can be found here: www.wacoaircraft.com/support



WACO Forums—Great Place to Exchange Ideas

WACO has a new pilot and fan forum here: <https://www.wacoaircraft.com/forum>
Topics include the upcoming Air Journey trip, the float plane and model improvement suggestions. Have another topic suggestion? Just email us and we will add it.

Airventure Oshkosh 2018

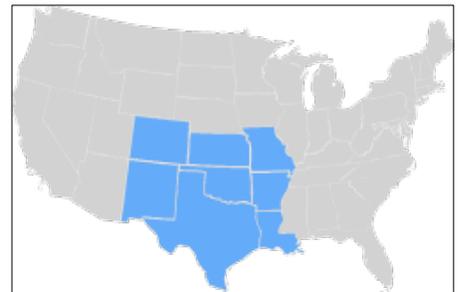
With the addition of the float plane to the Waco fleet (pun intended) we will now be operating from both our Display Booth (#363) and at the AirVenture Seaplane Base. The plan is to have one WACO and Great Lakes in the booth and move the float plane back and forth when logistically possible. Stop by the booth if you would like to coordinate a demo flight.



WA WARRENAIRCRAFT

Scot Warren has been hard at work fine-tuning his aerobatic skills in a new Great Lakes. You can find some recent videos at the WACO website here: <http://www.wacoaircraft.com/about>
Or https://www.youtube.com/watch?v=MEHTy_r9JQw

Scot is our Dealer in Texas and surrounding states. Email: scot@warrenaircraft.com



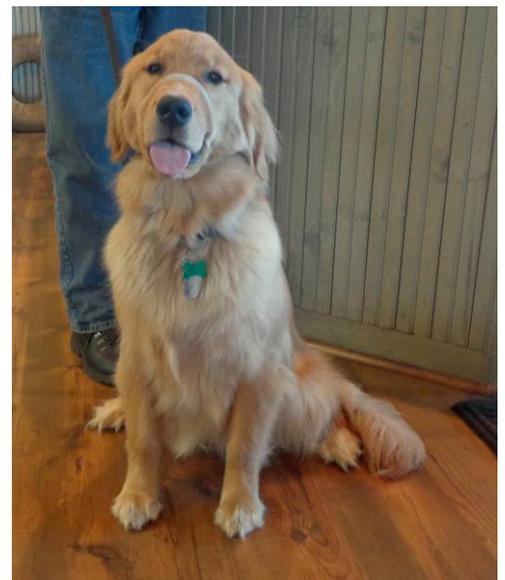
WACO's part time team:



Oreo



Romo



Ginny





What's in the Factory:



NEW YMF-5D (with temporary N number)



NEW YMF-5D



NEW YMF-5D—waiting for Engine install



New Great Lakes for customer in Canada, similar paint scheme to Factory Aircraft

Great Video of a NEW Great Lakes going together at the WACO Factory.

Link: <https://www.youtube.com/watch?v=Z6DPUEpeA8Q>

I decided to order an airplane, what happens next?

To start the process, customers generally have a discussion with a member of the WACO customer service team to review general specifications, estimated delivery and other details.

Here's a summary of the process:

- 1) Your choice of aircraft model is made; Great Lakes 2T-1A-2, YMF-5C, YMF-5D (VFR or IFR) or the new YMF-5F amphibian.
- 2) WACO prepares a detailed aircraft quotation and purchase documents for your review.
- 3) You return a signed purchase agreement and deposit.
- 4) WACO assigns a serial number, start date and monthly payment schedule.
- 5) WACO establishes a construction progress web page exclusively for you. This site allows you to track the construction process and to share other project details like paint schemes and instrument drawings.
- 6) Your decision on paint scheme details, interior colors and materials and other finishes is made. During this process WACO will paint samples of your chosen color scheme and ship them to you. This allows you to see the actual paint that will be used on your new aircraft and in various lighting conditions.
- 7) WACO avionics department will send you an instrument panel drawing for your review and approval.
- 8) As the project nears completion, a WACO documentation specialist will work with you on registration and acceptance paperwork. Additionally, your WACO flight instructor will contact you to coordinate flight training logistics. Training can happen here at the factory or your location, or both.

FAQ

Q: Can I change or add options while the airplane is being built?

A: Yes, we can generally integrate changes and will work with you to accommodate them.

Q: Can I visit the factory while my airplane is being built?

A: Absolutely. If you're considering a long term stay we can assist with lodging and other logistics.

Q: Can I land at the WACO factory?

A: Absolutely, we are located at the Kellogg Battle Creek Airport. Identifier: KBTL. The ramp at WACO can accommodate aircraft as large as a 737/ BBJ. In addition, US customs are available on a call-out basis. 100 LL fuel is available via truck or self service and Jet fuel is available via truck.

Q: How about weekends?

A: Sure, but please arrange in advance with the factory.



The 2019 WACO YMF-5F Amphibious Float Plane



The new Amphibious float plane features:

- Composite Aerocet Amphibious floats
- Double Epoxy painted frame
- All Stainless steel hardware and fasteners
- All stainless steel flying wires and clevises.
- NEW PPG Polyurethane paint offering more color options and lighter weight
- Garmin digital avionics with ADS-B in/Out and New large screen touch-screen Garmin GPS
- NEW large diameter MT Constant Speed Propeller as standard
- Left and right side foot step accommodates larger shoes
- New lighter weight 12 volt electrical system
- New one-piece wing root fairing provides for a cleaner look and lighter weight
- Optional camera mount on upper vertical stabilizer
- New Carbon Fiber engine baffles
- New "Safety Throttle" in front cockpit
- Standard 300 HP Engines feature New Production aluminum cases and long 1400 hour TBO
- Improved adjustable rudder/brake pedals for tall pilots and a new closed loop rudder cable system that improves rudder feel & function
- Pilot seat adjustment now uses a gas piston, replacing maintenance prone bungee system
- Upgraded 406 MHz ELT
- All frames are fabricated using German tubing that has been precision cut on a CNC tube cutting machine
- Under skin seals have been improved to enhance pilot and passenger comfort in cold weather and help minimize heat intrusion during warmer times
- Increased front cockpit space
- Improved LED strobe lights and landing lights
- Concord sealed batteries standard
- Improved engine hoses and connections
- New "Zero Maintenance" trim system

The New 2019 2T-1A-2 by WACO

Improvements made to new production aircraft



- More Space, the pilot seat was moved back four inches and reclined
- Aluminum side skins are more rugged and damage resistant than the older fabric sides and are easily removed for improved servicing
- NEW PPG Aerospace paint offering more color options and lighter weight
- Standard TRIG TY91 Radio and TT22 Mode-S Transponder
- Relocated COM 1 antenna providing for better communication range
- JPI-930 color engine monitor and performance computer
- New lighter weight tail wheel and main wheel assemblies
- Hooker Aerobatic seatbelts
- Air filler doors on wheel pants improve safety by allowing for easier access
- Stainless Steel exhaust
- Upgraded 406 MHz ELT
- Improved adjustable rudder/brake pedals for tall pilots improves rudder feel & function. New toe brakes in pilot cockpit replace heel brakes
- All frames are fabricated using German tubing that has been precision cut on a CNC tube cutting machine
- New Heater design and firewall blanket. Improve both summer and winter flying comfort
- LED strobe lights on upper wing and LED beacon.
- Concord sealed aerobatic battery
- Improved fuel tank design and electronic gauge
- Taller windshields improve cabin comfort
- New cowling is both lower, improving forward visibility, and more aerodynamic, improving performance
- Standard inverted fuel and oil system
- Redesigned "Zero Maintenance" Oleo strut landing gear
- Improved cabin ergonomics that features larger map storage (sized for an iPad), cup holder, and new arm rest
- Find complete specifications here: <http://www.wacoaircraft.com/great-lakes-by-waco>

The 2018 WACO YMF-5D



The engineers and artisans here at WACO continue to refine and improve the YMF-5D. For 2018/2019 customers can expect the following:

- Revised Heater for Pilot and Passengers
- NEW PPG Polyurethane paint offering more color options and lighter weight
- Standard in IFR spec YMF-5Ds the new Garmin GTN-750 and GTN-635 Touchscreen GPS and enhanced base avionics
- NEW MT Constant Speed Propeller Option
- Larger pilot side foot step accommodates larger shoes
- New lighter weight tail wheel and main wheel assemblies
- New one-piece wing root fairing provides for a cleaner look and lighter weight
- Optional camera mount on upper vertical stabilizer
- Air filler doors on wheel pants improve safety by allowing for easier access
- New Carbon Fiber engine baffles
- New "Safety Throttle" in front cockpit
- All 300 HP Engines now feature New Production aluminum cases and long 1400 hour TBO
- Improved adjustable rudder/brake pedals for tall pilots and a new closed loop rudder cable system that improves rudder feel & function
- Pilot seat adjustment now uses a gas piston, replacing maintenance prone bungee system
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- Under skin seals have been improved to enhance pilot and passenger comfort in cold weather and help minimize heat intrusion during warmer times
- Increased front cockpit space
- Improved LED strobe lights and landing lights
- Concord sealed batteries now standard
- Improved engine hoses and connections
- New "Zero Maintenance" trim system
- Find complete specs here: <http://www.wacoaircraft.com/waco-ymf-5>

