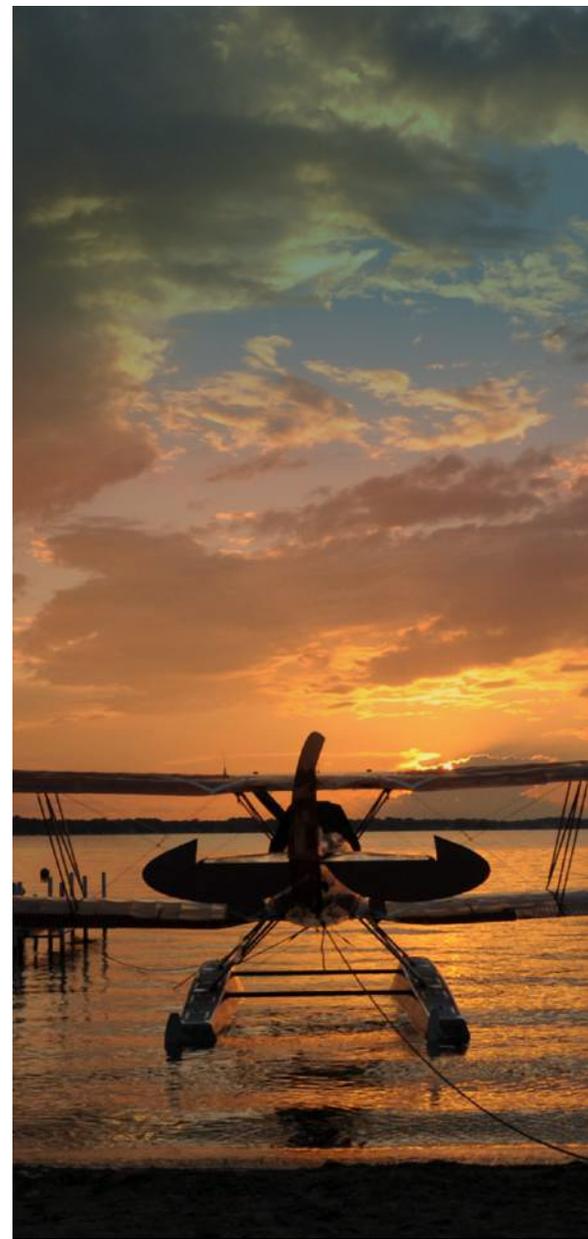


MY NEW **WACO** YMF-5 2019



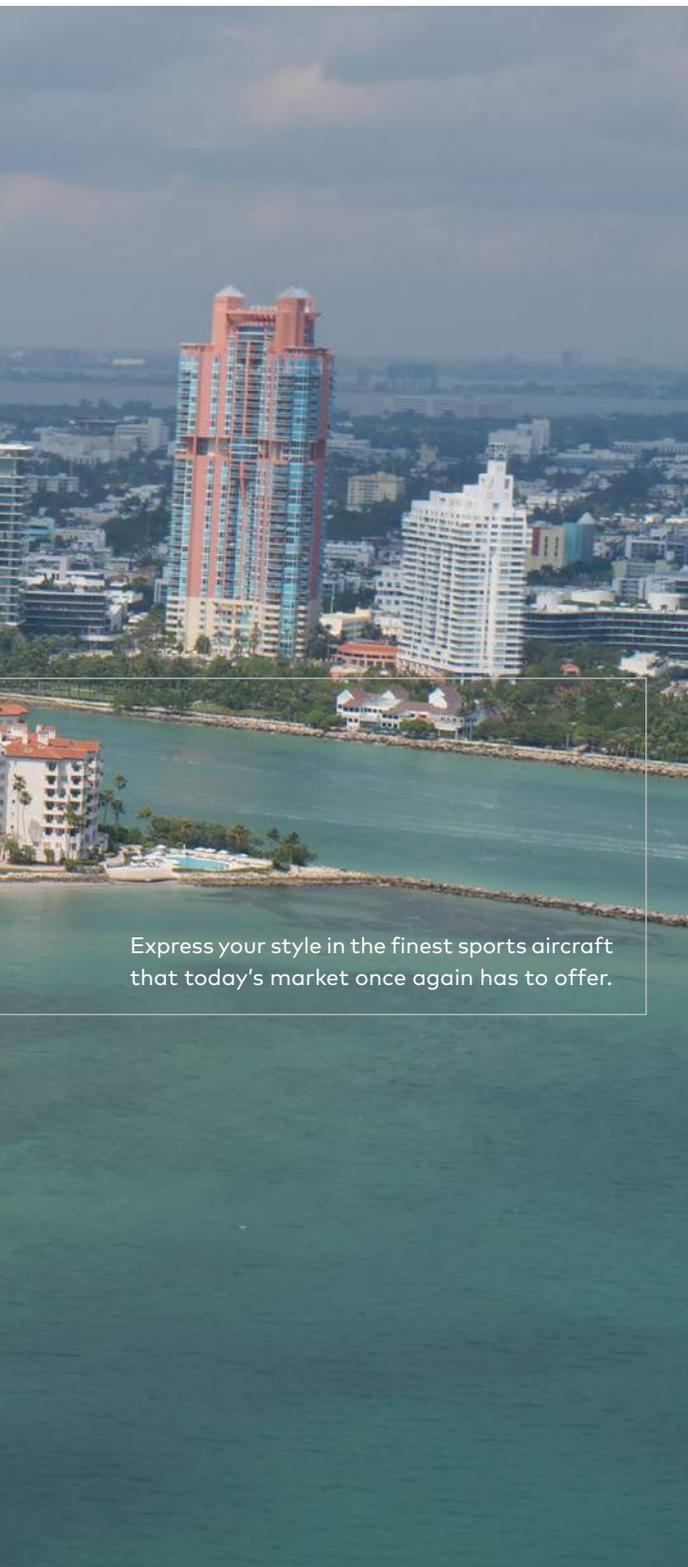
STATE-OF-THE-ART MEETS A WORK OF ART

Enjoy the vastness of nature and experience flying in its most beautiful form – in an open cockpit airplane behind a 300 hp radial engine!

Rely on high-end instrumentation for safety and comfort.

Rudder control and aerodynamic stability on all three axes lets you glide through the air just like a classic sports car on the race track.

Each aircraft is individually equipped just for you and painted in your favorite colors – we work with you to design your special gem!



Express your style in the finest sports aircraft that today's market once again has to offer.

THE NEW STYLE IS TRADITIONALLY ELEGANT

In 1935 when the WACO YMF-5 first saw the light in the so-called „golden age of aviation“, it soon became clear that this biplane would rank among the finest of its decade. This assessment has remained true to this day. Only about half a dozen of the original version have survived, mostly in museums.

It would not be an overstatement to place the aircraft in the same class as the automobile classics of the Duesenberg or Cord companies.

Almost 50 years later, in 1983, the WACO Aircraft Corporation was founded. It has dealt exclusively with the new production of this icon of aviation history from this time on. The idea was a complete success right from the very beginning!

A main argument is that owners of a WACO can rely on the advantages of new construction while maintaining the classic look. Of course, the suitability for daily use of the new aircraft compared to the original historical one differs considerably. The maintenance-free corrosion protection of the tubular steel fuselage construction promises a long service life. Using the latest modern materials and connection substances today, the classic aircraft construction has arrived.

Currently WACO aircraft fly worldwide and every single customer is proud to call a WACO YMF their own. In addition to its elegant design, this precisely handcrafted aircraft also represents a valuable investment. Although, the aircraft are newly built, they are always recognized and welcomed at classic fly-ins as such.

We design the cockpit together with you according to your needs and preferences. Whether you prefer classic VFR instrumentation or state-of-the-art IFR glass cockpit – we have the right design for you.

DREAMS COME TRUE

The engine hums away sonorously. It smells like nature, freshly cut grass. The sun is shining in my face and warm air flows around my leather jacket. On my right hand side below me the river meanders, a boat sails on it. The captain waves and I fly a circle around his small sail. I am in the midst of the vast landscape and feel free at last – the freedom to move in three-dimensions of nature.

A look to the left – the backdrop of a farm – illuminated by the submerging sun. A few propeller revolutions later I land next to it in the meadow. A soft touchdown, the engine rolls out and the propeller stops after the last idling turns. It's absolutely quiet – and then the feeling of happiness..

Later around the campfire we let the day play out and fine-tune the plan for the following day. New experiences, new emotions over and over again –
MY NEW WACO!



A VARIETY OF USES – LASTING VALUE

TIME TRAVEL TO THE ORIGIN OF AVIATION

The design of the attractive three-place biplane goes back to the year 1935. Since 1983, the aircraft has been handcrafted again in series based on the original construction plans and approvals. Since then it has been consistently technically advanced. The enlarged cockpit, the larger payload and the extended range ensure even greater comfort. The newly built WACO YMF-5 is one of the most exclusive aircraft of its kind. It possesses a unique combination of craftsmanship, quality, performance and design.

Almost 200 aircraft have been built at WACO Aircraft Corporation since 1983 and individually equipped to customer specifications. The range of applications extends from touring and sports aircraft to commercial passenger transport, which is possible thanks to full FAA/EASA certification.

Today the proven and true design is handcrafted with the most modern and select materials. Your individual wishes are taken into account right down to the smallest detail.

An absolute unique selling point for the open aircraft is a three-place cockpit. Being able to carry two additional passengers allows a wide range of applications – imagine sightseeing flights or engagement gifts... Only WACO offers this unique delight.

In addition to night flight certification, the WACO is also qualified for instrument flight with the corresponding instrumentation and approved for basic aerobatic maneuvers. The classic round instrumentation is just as useful as the full glass cockpit – whichever you prefer.

Trust in our know-how and in the fully FAA/EASA-certified aircraft that will not just broaden your flying horizon.



THREE-IN-ONE: To be piloted in an open cockpit, two people next to each other flying in the sky – this is unique and can only be experienced in a WACO. Share your own enthusiasm with your friends!



TWO TIMES THE PLEASURE: Control and cockpit equipment can also be integrated into the front cockpit as required.

A REAL GEM: A silver WACO YMF-5D in Switzerland – The high quality of the paintwork is particularly accentuated here in the classic WACO color scheme.



OBSSESSED WITH DETAIL



LUGGAGE COMPARTMENT: An over-sized luggage compartment allows you to carry luggage of up to 75 lb/34 kg – a first for an aircraft of this category, inspiring travel to distant destinations.



ENGINE: The powerful 7-cylinder Jacobs radial engine is available with 275 and 300 HP. A large engine displacement and low speeds mean a long service life and virtually maintenance-free operation.



AMPHIBIAN: Since 2018, we offer the YMF-5 F model with amphibious floats by Aerocet. This extends the range to water use.



LANDING GEAR: Hydraulic disc brakes ensure the desired deceleration during take-off and landing. Large balloon tires do the rest for landings on grass and unpaved terrain.

A REAL GEM

THAT YOU CAN FREELY DESIGN

The craftsmanship behind the aircraft, which is made of metal and wood, is unique in today's world of automated serial production. Although manufactured in series, a piece of individuality is always shaped by your personal wishes and hidden away in each piece.

Color and design can be freely selected. The quality of our high-grade paintwork is known far beyond the borders of America. The cockpit interior comes in different versions of velour or leather.

The fuselage is created in hundreds of man hours which include many individual tasks. The necessary welding seams of the frame are inspected prior to additional processing followed by sealing and protecting them against corrosion. The wooden wing is waterproofed against weather using an approved plastic fabric. This guarantees the longevity of the construction and surface. You purchase a new construction which, unlike historic aircraft, will provide you with an aircraft suitable for everyday use.

We also offer to our romantics and purists, root wood cockpit covered with piano lacquer trim and classic instrumentation and to our modern minimalist, a carbon fiber covered cockpit with glass instruments.

LIFETIME PARTNER

Besides manufacturing the WACO we also service your aircraft. In addition to pilot training and check out flights, we also offer options for flight operations, scheduled maintenance work and complete spare parts supply. As your service partner, we will be at your side for the rest of your WACO's life.

The experience gained from more than 150 delivered YMF-5 biplanes will also benefit your aircraft. Individuality is our strength!

Today, systems with terrain warning and weather information, GPS and traffic collision avoidance systems (TCAS) also contribute to increased safety in commercial aircraft. We can integrate all of these into your WACO YMF-5!

ALL WEATHER-ALL PURPOSE AIRCRAFT



CLASSIC COCKPIT: About half of our customers love mechanical round instruments – the other 50% prefer a glass cockpit. Purists as well as technology enthusiasts get their money's worth – and mixing is possible, of course!



WEATHERPROOF: Despite an open pilot's seat, you sit protected from the wind and comfortably in the very spacious cockpit.

Simply put: Virtually anything is possible! We are proud to be able to offer you modern instrumentation on request, which is trend-setting and reduces the workload in the cockpit. This ensures that you have more time available to enjoy the sheer joy of flying and gives you a large additional safety bonus.

FIT FOR ALL WEATHER CONDITIONS

Thanks to the use of innovative materials, it is now possible to fly your WACO even in rainy weather. Where cotton fabrics were previously used for the wings and fuselage, today fine synthetic weather-resistant fabrics are used. A rain cover for the cockpit and engine protects the aircraft on the ground if needed. This turns your classic into an aircraft that is suitable for everyday travel.

IFR-COCKPIT: As standard, all cockpits are equipped with ADS-B In & Out; on the right, a version with maximum equipment, including autopilot and IFR-certified.





2019 WACO YMF-5C SIGHTSEEING

Starter modell with low maintenance 275 hp Jacobs engine. Approved for commercial rides; camera system capability for increased ride revenue.

- Standard equipped for VFR Night & Day
- Approved for basic aerobatic maneuvers
- Cockpit front & back in leather, heating system; easy-entry front passenger cockpit
- ADS-B In & Out Standard
- Digital intercom
- Quick removal inspection covers, fairings and cowing for easy inspection
- MOGAS STC (for non-alcohol automotive fuel)
- Sensenich wooden propeller



2019 WACO YMF-5D SUPER (VFR)

Our most popular modell in a luxury basic configuration and 300 hp Jacobs radial engine. Approved for commercial rides.

- Standard equipped for VFR Night & Day
- Approved for basic aerobatic maneuvers
- Full deluxe leather interior, heating system
- ADS-B In & Out Standard
- Advanced Garmin touchscreen GPS and avionics
- MT fixed or constant speed propeller



2019 WACO YMF-5D SUPER (IFR)

Beside all advantages of our VFR version this model is additionally approved for instrumental flights and comes optionally with an autopilot.

- Standard equipped for VFR Night & Day, IFR
- Approved for basic aerobatic maneuvers
- Full deluxe leather interior, heating system
- ADS-B In & Out Standard
- Advanced Garmin touchscreen GPS and avionics, ADS-B weather & traffic
- MT fixed or constant speed propeller



2019 WACO YMF-5F AMPHIBIOUS FLOATS

The new standard for a maximum of flying fun and range of application:

A true allrounder, it represents the ultimate combination of a land and sea biplane.

- Equally equipped as our WACO YMF-5D (VFR) but with Aerocet 3400 amphibious floats instead of the conventional landing gear
- ADS-B In & Out, Garmin GTX-345
- Advanced Garmin touchscreen GPS and avionics with electric Garmin G5 horizon
- MT constant speed propeller

OPTIONS (DEPENDING ON MODEL)

MT propeller options, auxiliary fuel tanks, tow hook for glider and banner towing, multicolor scheme, ground handling equipment, speed fairings, autopilot, and more...



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