



Highlights:

- Sun-n-Fun—Fun
- Landing Gear Piston Upgrade Kit
- Garmin G600 Rebates
- 2009 Events and Shows
- Scheme Design
- Canopy Update
- What's in the Shop

Show calendar:

- **Bartlesville**
Biplane Expo
biplaneexpo.com
June 4,5 & 6
- **WACO Factory -**
Summer Fly In
June 12 & 13
Battle Creek, MI
(KBTL)
- **EAA AirVenture**
www.airventure.org
Location: 271 (new)
July 22 – August 2
Oshkosh, Wisconsin
- **Triple Tree Fly-in**
September 23—27
tripletreeflyin.com

Sun-N-Fun

We had a long, yet very successful week in Lakeland at Sun-n-Fun. As you can see in the photo, some of us had more fun then others. Even



thought total attendance was down a little from last year, we are excited by the level of interest in new Waco's and expect to add a few new owners to the Waco family as a result of the show. Our show schedule is full this summer, with several fly-ins and Oshkosh later in the year.

Garmin G600 Rebates for New and Upgraded Waco's—Up to \$ 9000

Are you thinking about upgrading your panel from out-dated steam gauges to all-glass or about buying a New WACO with a G600 installed? Now is the time because Garmin announced the deal of a lifetime at [Sun 'n Fun](#). If you purchase a [G600](#) between now and June 30, you'll receive a [\\$5,000 rebate](#). Plus, if you plan to add more Garmin equipment to your cockpit, you have an opportunity to participate in an ongoing Garmin program where you can save an [additional \\$4,000](#), for a total savings of \$9,000! Garmin has never offered a deal this big, so don't hesitate and let it pass you by.

The [G600](#) is an all-glass retrofit avionic suite that received FAA certification in July 2008. The G600 received EASA's ETSO approval in April 2009, which makes it eligible for installation in European registered aircraft . The G600 is designed so you can remove the six-pack from your panel and replace it with a PFD and MFD that are mounted side by side in a single bezel (10" w x 6.7" h). After you install the G600 in your plane, you'll feel like you're flying a brand new airplane, and the situational awareness it brings is incredible. The PFD display increases the pilot's attitude indication by over 50 percent over a traditional 3-inch attitude indicator, and this is the first time pilots have had such a large MFD in their primary field of view.

Product Enhancements for 2009

We are enhancing the 2009 YMF-5 C model to include additional equipment and features that were formerly optional, increasing the value of the product and simplifying the ordering process. The plan is to carefully move to a more standardized product, allowing for better economies of

production. An example of this is standardizing on the JPI 930. This allows us to eliminate several gauges and to install the systems further ahead in the production process, lowering costs and allowing for faster delivery.

Aircraft ordered in 2009 will include:

- All Garmin Avionics
- Simplified avionics packages
- JPI EDM 930-7c Digital engine



instrumentation system.

- HID Landing and Taxi Lights
- Various systems enhancements (New -relocated circuit breaker panel)
- Serviceability Enhancements that include redesigned landing gear components



What's in the Shop ?

Waco's sister company Centennial Aircraft Services has been very busy lately, with several exciting projects in the works:

Piper Cub—recover and repair

Naval Aircraft Factory N3N—Frame up restoration

Stinson 108-3—Frame up restoration

Waco QCF—Frame up restoration

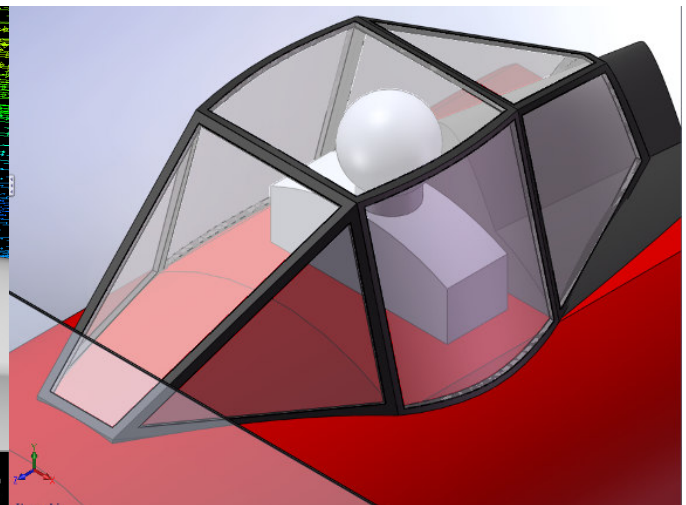
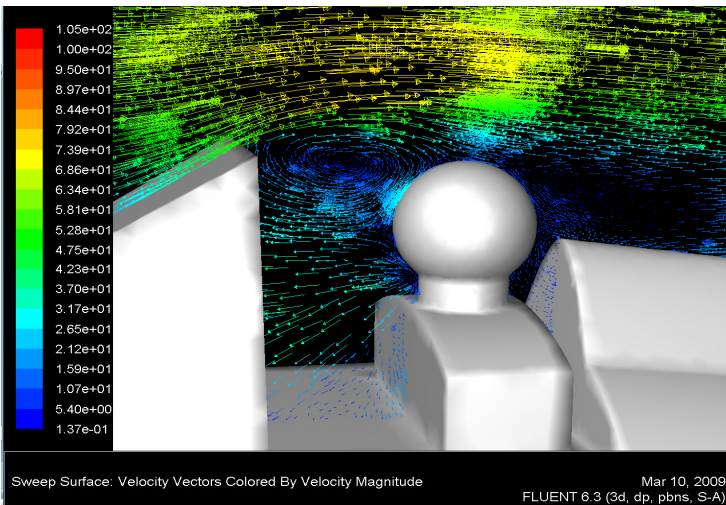
Waco CTO—Rebuild after landing incident



Spartan Executive—Rebuild after landing incident.

Canopy Development Update

Our students at WMU have just finished up work on a new windscreen design and canopy system. Below are some photos from the report. If you would like a complete copy of the report, please contact the factory.



Waco Classic announces partnership with Scheme Designers

Scheme Designers works one-on-one with future WACO owners to craft a unique and detailed paint scheme, increasing the value of the aircraft and the owner's level of satisfaction.

Scheme Designer Project Steps:

Design Discussion: Assists Scheme Designers in establishing design direction for the development of your preliminary scheme design. The process typically involves:

- 1) Review of past designs in our sample area to identify styles of interest.
- 2) Review of any sketched ideas, photos collected and any concepts and ideas you wish to explore.

Profile Preparation: All profiles used in the design of a scheme for your aircraft are created by Scheme Designers. Great care is taken to ensure a high degree of accuracy, proper representation of any modifications and sufficient detail to make it simple for Waco Classic to accurately lay the design on your new aircraft.

Customer Web Site: Scheme Designers creates a proprietary web site just for use in the design and review of your Waco paint scheme. Each completed design is uploaded to your Scheme Designers web site, where it is archived by date and can be readily accessed from any computer for review and comment.

Preliminary Drawings: Based on the initial design discussion, Scheme Designers will typically create five preliminary designs, each presented in multiple color combinations, for you to review and comment on. Your comments and suggestions are used to iterate and hone the preliminary ideas and to select a final direction, or to establish direction for new designs. There is no limit on the number of renderings or designs you can have us prepare, nor on the time you require to reach a desired design outcome.

The fee for the design process is included when you purchased a new aircraft and covers unlimited design services until you are satisfied with the outcome.

Once a final paint scheme is selected, Scheme Designers works with you to select the specific color combinations required drawings and detailed specifications. The comprehensive descriptive and dimensional information for every stripe, squiggle and white space, are provided to the Waco Classic paint shop for creation of your masterpiece.

Contact: Craig Barnett at: 201-569-7785

WWW.Schemedesigners.com



LANDING GEAR PISTON UPGRADE KIT By Carl Dye

Applies to: All WACO YMF airplanes manufactured by WACO Classic Aircraft Corporation and predecessor Classic Aircraft Corp.

Serial Nos. F5001 through F5036 and F5C040 through F5C119

This kit is a retrofit upgrade for the main landing gear shock struts originally installed on the above listed aircraft. The purpose of this upgrade is to provide the owners and operators of these airplanes the opportunity to enjoy the reduced maintenance costs and improved functionality of the current production landing gear struts now being installed on our new WACO's by replacing the original rope type packing with conventional "O" Ring sealing used in all modern aircraft shock struts.

The original strut design, which until now has remained unchanged since the 1930s, utilized a type of seal known as Gas Rod Packing and a gland type nut to squeeze the packing material around the shock strut piston to prevent the hydraulic fluid from leaking from the strut. This type of sealing system was a simple design with no need for close tolerances in the manufacturing process, no doubt a consideration in 1935. It results, however, in a less than optimal seal and is static in that over time in service the packing tends to not remain in contact with the piston surface and leaks can develop. When this occurs, the only remedy is to disassemble the strut and, with a special tool, retighten the gland nut or replace the packing. The torque on the gland nut is also critical as too much will bind the strut while not enough will result in a leak requiring rework and additional expense.

With the use of modern design and manufacturing processes, WACO Classic Aircraft has improved the original design by eliminating the troublesome packing while retaining the basic well proven strut design. The upgrade kit comes partially assembled with complete instructions and is a direct replacement for the original piston assembly. The change out is quite simple and should be within the capabilities of any well equipped aircraft maintenance shop. And of course we are always just a phone call or email away, ready to answer any questions your technician might have.

Available at: <http://www.wacoclassic.flyingcart.com/>

Or call the factory at: 269-565-1000 P/N 50846LGK Price: \$649.99 ea

Keep Track of your NEW Airplane on our Website.

Customers ordering new airplanes and that have restoration projects at Centennial (our restoration subsidiary) can now track the project's



progress on our website. Kathy has created special areas on both the WACO and Centennial websites for customers and their friends to keep tabs on the progress. Photos are updated weekly.

