



# **2019 WACO YMF-5C Super**

## **Sightseeing Configuration**

The new WACO YMF-5C offers a seductive combination of performance, style and exclusivity.

The new WACO YMF-5C represents a new pinnacle for the marquee: it has been sharpened, refined and rethought in every detail, optimized for commercial sightseeing operations.

The aircraft configuration has been optimized for high volume commercial ride operations, special features include:

- ADS-B In & Out standard!
- Low maintenance 275 HP Jacobs engine
- Quick removal inspection covers, fairings and coving allow for minimized down time during inspections
- Ability to use low cost Mogas\* (non-alcohol automotive fuel)
- Luxurious passenger cockpit for two.
- Easy entry front cockpit with new step below wing and other changes allow for quicker passenger loading\*.
- Digital intercom with music and audio track capability
- Camera system capability for increased ride revenue
- Special corrosion protection package available for coastal operations

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# 2019 WACO YMF-5C Biplane

## VFR SIGHTSEEING AIRCRAFT SPECIFICATIONS

**3-place** Open Cockpit Land or Sea Biplane, Day & Night, VFR

### FEATURES

Advanced Garmin Touchscreen GPS Unit and Dual Garmin Comms  
Luxurious passenger compartment with Heat Front and Rear  
New Aircraft, New Tooling, Modern Safety Features  
Aerobatic Approved  
Approved for Commercial Ride Operations

### POWERPLANT

Engine

Jacobs R755B2 Engine, 275 HP @ 2200 RPM, 1400 hr. TBO

Propellers

Sensenich Wood, 92 in. dia

### DIMENSIONS

Wing Span, upper	30 ft 0 in (9.14 m)
Wing Span, lower	26 ft 10 in (8.18 m)
Length, overall	23 ft 10 in (7.26 m)
Height, overall	8 ft 6 in (2.59 m)

### WEIGHTS & LOADINGS

Basic Empty Weight	1985 lb (900 kg) 2100 lb standard equipped *8
Baggage Capacity	100 lb (45 kg)
Gross Weight	2950 lb (1338 kg)
Useful Load	850 lb standard equipped *8

### PERFORMANCE

Never-exceed speed	214 mph (186 kts)
Cruise speed	115 mph (100 kts) *9
Stall Speed, power off	59 mph (51 kts)
Fuel	Standard - 48 US gal (182 liters) Optional Long Range Tanks - 72 US gal (273 liters)
Fuel Consumption	14 US gal/hr (typical cruise)
G limits	+5.2 / -2.1 @ 2950 lb.



**2019 WACO YMF-5C Super, Standard Equipment price: \$449,800**

### **Standard Installed Equipment**

The standard aircraft is very well equipped and approved for day & night VFR flight. It includes a full leather interior in the front cockpit, 3 color paint scheme and Garmin avionics.

#### **Airframe**

Rugged 4130 Steel Fuselage Frame  
Epoxy Coating Corrosion Proofing  
Internal Steel Tube Corrosion Proofing  
Forward Fuselage Aluminum Sidewalls (Left & Right Sides)  
Front Cockpit Door  
Baggage Compartment – Lockable  
Wood Fuselage Stringers  
Tail Fins - Vertical Stabilizer, Horizontal Stabilizer  
Balanced Rudder & Elevator Control Surfaces  
Aluminum Ailerons (4)  
Steerable Tail Wheel  
Shock Spring Landing Gear  
Wheels & Brakes by Parker Hannifin or Grove  
Tires, Tube Type (Main 7.50x10, Tail 10x3.50)  
Wheel Pants ((no inner fairings/spats)  
Wings - Wood Spar/Rib Frame Structure  
4130 Steel Interplane and Cabane Wing Struts  
Flying & Landing Wires - Stainless Steel  
Hand Formed Fairings  
One-Piece Rear Windshield Frame  
Front Cockpit Windshield – Removable, storage bag.  
Tie Down Rings (2), Tow Lugs (2), Jack Points (2)  
Steps - Cabin Entrance and Refueling, below left wing  
Adjustable Pilot Seat  
Front 2-Place wide Bench Seat

#### **Finish & Paint**

Dacron Fabric Covering, Rib Stitched and Taped  
PPG Polyurethane Paint  
3-Color standard WACO Paint Scheme

#### **Controls**

Dual Flight Control System  
Control Stick & Rudder Pedals - Rear & Front  
Seat Belts with Shoulder Harness (Hooker brand)  
Second Lap Belt – Rear  
Fuel Valves - Left & Right  
Elevator Trim System with Trim Position Indicator  
Throttle/Mixture /Carb Heat Lever Quadrant – Rear  
Throttle Lever – Front  
Hydraulic Toe-Operated Brakes – Rear Only

#### **Additional Equipment**

**Standard Deluxe Interior (front cockpit only):** Includes: Leather Seats, Single Leather Sidewalls and Trim, Premium Carpeting.  
Basic Interior (no interior panels) for pilot cockpit, map pocket  
Pilots Operating and Service Manuals

Front & Rear Heater  
Dual Cockpit cover, water resistant canvas, black.

#### **Power Plant & Accessories**

Jacobs R-755 B2, 7-Cylinder Radial Engine  
275 HP @ 2200 RPM 1400 Hour TBO  
Oil Filtration with 50-hour oil change interval  
Propeller – Sensenich Fixed Pitch, 2-blade  
All Metal Bumped Cowling  
Oil Tank - 5 US Gal  
Electric Starter  
Oil Cooler  
Induction Air Filter  
Fuel Strainer with Quick Drain  
Dual Magneto Ignition System  
Key Operated Ignition Switch  
Exhaust System, Stainless Steel  
Carburetor Heat  
48 US Gal Fuel Tanks - Upper Wing  
Fuel Quantity Indicators  
Inner Cowl Venting

#### **Electrical**

24 Volt Electric System  
50 Amp Alternator  
Batteries, Sealed G25S, 12 Volt Lead Acid (2)  
Circuit Breakers – Instrument Panel Mounted  
LED Navigation Lights  
LED Strobe Lights & LED Beacon  
Illuminated Placards  
Landing & Taxi Lights – incandescent, Left Side  
Pilot Utility Light - Rear  
Heated Pitot Tube

#### **IFR Instruments & Avionics - Rear Cockpit**

JPI EDM 930 Deluxe Engine Analyzer - Color Display  
Garmin GTR-225 Com Radio (1)  
Garmin GTX-345 ADS-B IN & Out Transponder  
Garmin Aera 660 Touch Screen WAAS GPS in Dock  
Garmin GMA-350 Audio Panel with 3D Audio  
Compass, internally lighted.  
Altimeter, Sensitive  
Airspeed  
ELT 406 MHz  
Compass, internally lighted.

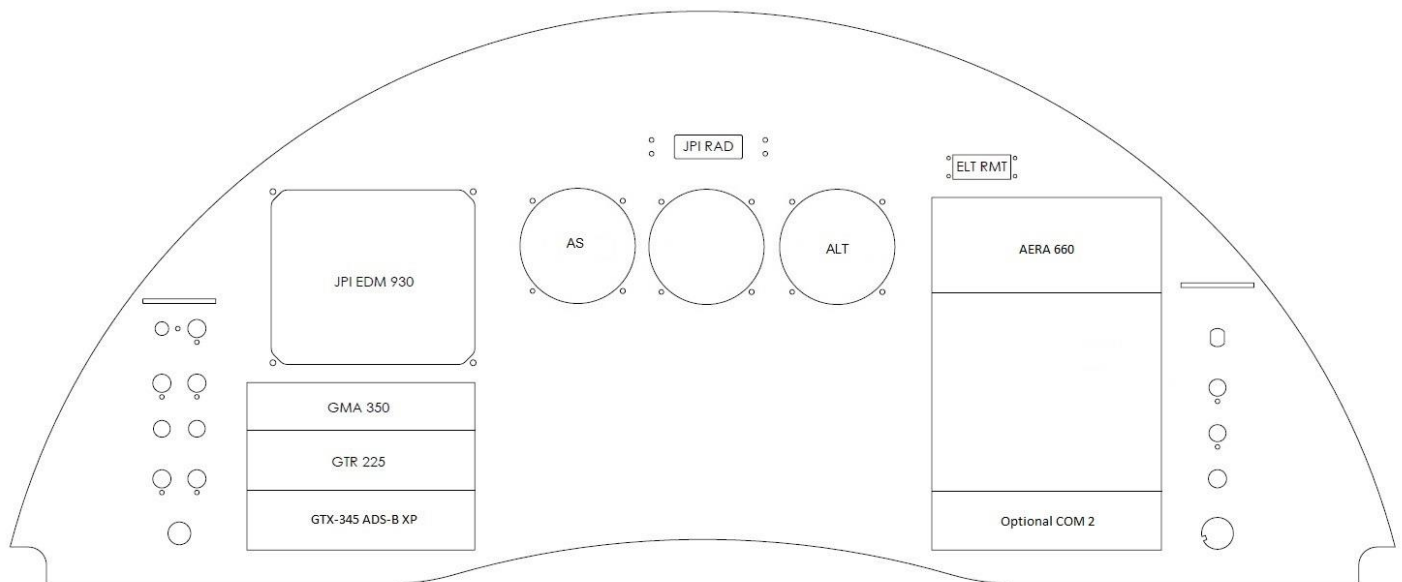


## Optional Equipment and Upgrades

	Price	Note
300 HP Upgrade R-755-A2M (New Production Aluminum Case engine from Air Repair)	\$14,500	1,8
MT Propeller Upgrade (exchange, required with 300 hp engine)	\$3600	1,8
MoGas STC from Petersen	\$595	1,8
Extended Range fuel tanks - Left 12.5 US Gallons	\$4915	1,8
Extended Range fuel tanks - Right 12.5 US Gallons	\$4915	1,8
LED Landing and Taxi light Upgrade, - Left Side (incandescent is standard)	\$825	1,8
LED Landing and Taxi light, - Right Side (left light is standard)	\$1850	
Mirrors (Left or Right) / each	\$190	1,8
Tail Wheel Fairing	\$775	1,8
Wheel Spat Fairings	\$1600	1,8
Water bottle / cup holder (each)	\$95	1,8
Front Cockpit Vinyl Cover	\$785	1,8
Three Color Paint scheme (2 Standard) or custom design (standards is dual stripe scheme)	\$4600	3,8
Coastal Environment Corrosion Protection Package	\$4400	1,8
Banner Kit (includes cockpit release, hook, and two mirror)	\$3850	1,8
Pilot cockpit entry assist bar	\$1240	1,8

### Pilot Cockpit Avionics Options and Upgrades

Standard Garmin Day/Night VFR panel with transponder, audio panel, large screen GPS



- Garmin Aera 660 Touchscreen WAAS GPS
- Garmin GTR-225 Comm Radio (1) (optional second com pictured above)
- Garmin GMA-350 Audio Panel with 3D Sound and Music capability
- Garmin GTX-345 ADS-B Transponder
- Airspeed & Altimeter

## Pilot Cockpit Avionics Options and Upgrades

Gyro Package (Heading Indicator, Turn & Bank, VSI)	\$7600	1,8
Electronic Attitude Indicator, Garmin G5 (includes battery backup)	\$2650	1,8
Millibar Altimeter (non-USA only) - substitution	\$0	3
Southern Hemisphere Compass – substitution	\$0	3
Second Com (Garmin GTR-225, antenna, installation)	\$2450	1,8
Garmin GI-106A VOR/LOC/GS indicator, upgrade com 1 to GNC-255 (Nav/Com)	\$4450	1,8
Exchange GTX-345 to a GTX-327 (Non-ADS-B countries)	\$(1000)	
USB Power Port (Dual Plug)	\$625	1,8
12 Volt plug in Cockpit – automotive style for portable GPS units or Phone Chargers	\$265	1,8
"G" Meter, Analog	\$852	1,8
Wood Grain Instrument panel overlay, center area, Consult factory for wood types / colors.	\$1365	1,8
Ground Start plug, 28V (installed in baggage compartment)	\$1265	1,8

## Front Passenger Cockpit Avionics Options and Upgrades

Garmin Aera 660 GPS, Panel Mounted, installed with remote antenna	\$1375	1,8
Front cockpit brakes and rudder pedals (required for factory training)	\$2730	1,8
USB Power Port (Dual Plug)	\$625	1,8
Airspeed & Altimeter 3"	\$2970	1,8
Wood Grain Instrument panel overlay, center area, Consult factory for wood types / colors.	\$1235	1,8

## Non-Flying Accessories and Options

Trickle charger for batteries, installed harness and temperature sensor.	\$599	1
Tow Bar / Push Bar – Painted to match aircraft with order	\$1525	6
Aircraft disassembly and crating charge for international shipment in shipping container	\$4500	7
EASA documentation and regulatory fee (For aircraft exported to European Union Countries)	\$8500	

### WACO Classic Features Equipment as Standard

All prices are in US Dollars, Fly-Away-Factory, Battle Creek, Michigan, USA

Any applicable state, federal, local taxes or VAT are not included. All prices are subject to change without notice.

Note: \* Optional

Note 1: Installed price when ordered with new Aircraft only.

Note 2: Price is typical and may change slightly depending on avionics installed.

Note 3: Upgrade from standard cost

Note 4: When installed by Engine Manufacturer at time of aircraft purchase.

Note 5: Pending FAA Approval

Note 6: Can be painted to match aircraft for additional charge of \$150 - Safety Yellow is Standard

Note 7: Freight is additional charge and will be billed separately

Note 8: Option equipment can greatly add to empty weight and affect useful load. Standard weight is approximate and based on a basic Day VFR airplane (non-ADS-B) with standard fuel tanks, white in color with no options.

Note 9: Cruise speed is a typical weight, standard fuel tank airplane with a MT or CS prop installed.

