

# Espresso Biplane

The Espresso is a small, maneuverable biplane manufactured as a pleasure craft by [Origin Industries](#). Based on ancient designs found in a swamp on [Kennewes](#), it is slightly updated with modern materials and some engineering updates.

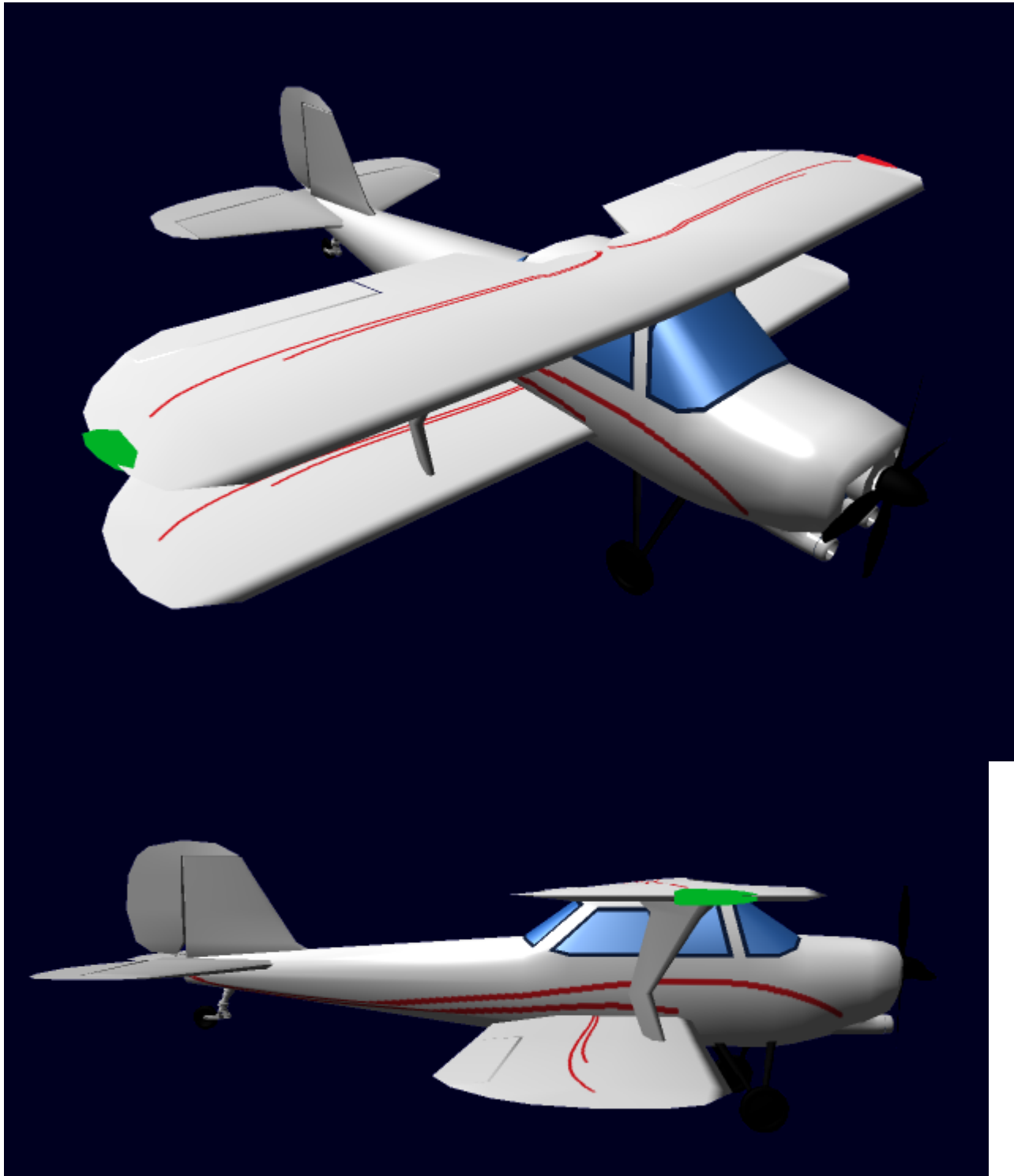
## Features

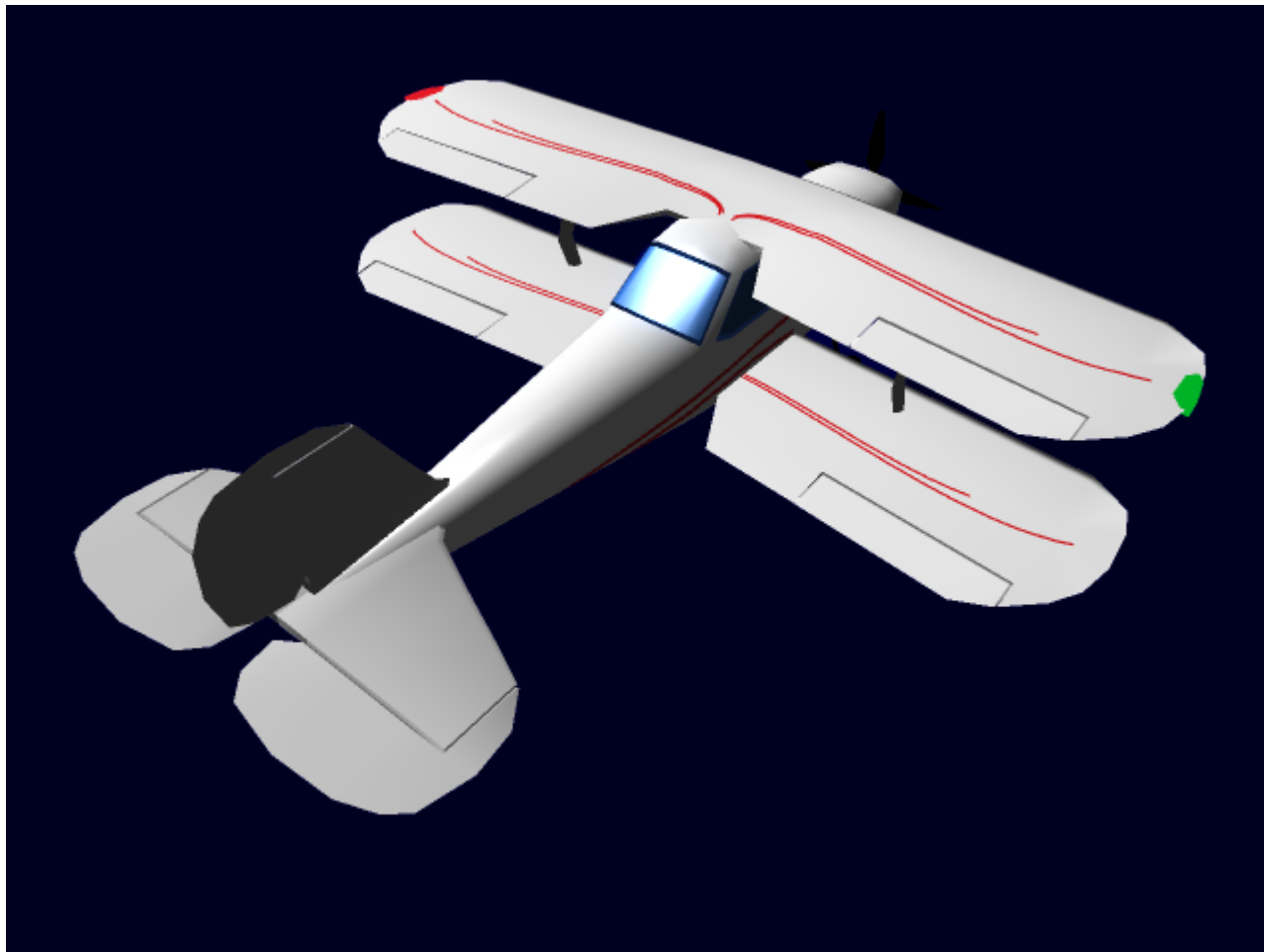
- Watertight cabin
- Leather seating
- All-weather capability
- Extreme Maneuverability

## Price

1,200 KS unassembled 2,500 KS assembled

## Appearance





## Details

The Expresso is powered by a small [Aether Generator](#) powering an electric motor, which drives the propeller. Controls are handled using the standard cable method, but a set of backup wires can electronically control the Expresso if desired. The frame is comprised of lightweight Aluminum coated in carbon fiber, and the skin is carbon fiber fabric. The engine cowling is made out of Aluminum. The windows are made from a tough, scratch-resistant clear Polymer. Propellers are made from [Durandium Alloy](#), as weaker metals warp under the stress of torque from the electric motor. It is a tail-dragger, which means it takes some skill to land.

## Capabilities

- Top speed: 402 kph (250 mph, 217 knots)
- Stall speed: 80 kph (50 mph, 43 knots) forward, 0 MPH vertical
- Range: Limited to atmosphere
- Crew: 1 Pilot, 3 passenger.
- Climb/descent: 90 Degree/-90 Degree
- Maximum G force: The frame can take up to 16 Gs of force. Most pilots Black out at 6.

## Dimensions

- Mass: 881 lbs unloaded
- Length: 12 Meters
- Height: 4 Meters
- Wingspan: 10 Meters

## Systems

### Power

Power is provided by a suitcase-sized [Aether Generator](#) in the engine compartment located just behind the electric motor.

### Communications

A small radio set allows the pilots to communicate with the control towers at airports and spaceports, as well as other craft in the air.

### Storage

There is a 1m x 1m x 3m compartment behind the rear passenger seats, allowing for some storage of gear. It can be accessed both from the cabin and from a panel on the outside.

Products & Items Database	
Product Categories	small craft
Product Name	Expresso Biplane
Manufacturer	<a href="#">Origin Industries</a>
Price (KS)	1,200.00 KS
Star Army Logistics	
Supply Classification	Class B - SMALL CRAFT

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