

RD-1 Tri-plane



The RD-1 [Tri-plane](#) is a small, maneuverable tri-plane created by [Rei Tanaka](#), for personal use, but also for a possible future Rei's Designs corporation, or at least small business. Based on planes she saw in a old vid. She created it using light weight metals. It was created in the year [YE 36](#)

Features

- Open Cockpit
- Leather seating
- Great visibility for sight seeing
- Extreme Maneuverability

Price

1,000 KS unassembled 2,000 KS assembled

Appearance



Details

The Tri-plane's power is derived from a small [Aether Generator](#) feeding an electric motor. Controls are handled using servos with hard wires running the length of the frame from controls to servos. The frame is created with tubed Aluminum, powder coated to help protect from corrosion. The skin of the main fuselage is made from a tine sheet of Aluminum with the wings being covered with carbon fiber cloth with epoxy coating over it.

Capabilities

Top speed: kph (300 mph, knots) **Stall speed:** kph (45 mph, knots) forward, 0 MPH vertical Range: Limited to atmosphere Crew: 1 Pilot, 1 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: 800 lbs unloaded Length: 7 Meters Height: 3 Meters **Wingspan:** 7.3 Meters

Systems



Power

the motor is charged with a small lightweight [Aether Generator](#) attached just behind the electric motor.

Computer

Powered by the [Aether Generator](#) a small computer systems runs navigation, internal system scanners. All data is driven to HUDS on the two windscreens of the cockpits.

Communications

A small radio connects the plane with the ground and other aircraft.

Storage

There is a 1.3m x 1m x 3.6m cargo section behind the rear passenger seat, giving some storage for gear. It can be accessed both from the behind the rear seat and from a carbon-fiber cloth panel on the outside.

Landing Gear

The main gear or fixed legs with tires on the bottom, with minor shock absorbers installed. The rear is a skid plate mounted on a hinge allowing for it to slide to match the angel of attack on landing.

Wings

All three wings disassemble easily so that they can be stored next to the fuselage, great for storing in small starships.

OOO Notes

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