

The AVIAD Zigolo MG12 is an SSSR motor glider designed and manufactured in Italy offering an alternative flying experience.

It has slow flight characteristics and a short landing and takeoff distance of 50 meters.

This is a new departure in the form of a minimal three axis SSSR Motor Glider perfectly suited for fun flying.

Specifically designed for simple construction and low cost of ownership, it has a traditional tubular frame structure and simple bonded fabric covering thus providing a very robust design.

It incorporates several additional novel design features, a forward pilot cockpit protected by the fuselage frame work and providing an exceptionally wide field of view for improved airmanship.

The rear mounted pusher engine with propeller and the fuel tank are also contained within the airframe offering further protection.

The joy stick mounted engine throttle control further simplifies the aircraft's flight controls enabling additional tasks to be achieved by the pilot in flight. Additionally the shock absorbing undercarriage and the impact skid beneath the pilots seat further protects the occupant in cases of heavier than normal landings.

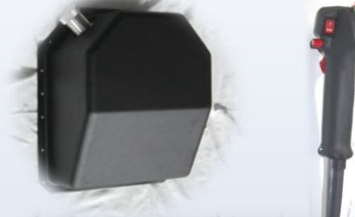
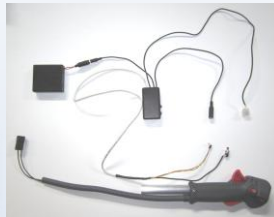
An optional ballistic parachute recovery system is available for ultimate emergency use.

The Zigolos design also provides easily constructed airframe assembly modules and is ideally suited for road trailer transportation.

It can be supplied with a storage racking system design for home use but which may easily be adapted for a transportation trailer.

The aircraft's modular assembly enables a ready to fly aircraft to be achieved within about one hour after reaching the chosen airfield.

Fly with a speed range of 35-75 km \ hr (22-46 m.p.h.) and good stability.



INSPIRED BY THE IDEA OF MIKE SANDLIN



Empty aircraft eight 95 Kg (including ballistic parachute)

Engine Vittorazi MSTER 185 25 hp

hourly consumption 6 l/hr.

Stall speed 35 km/h (22 m.p.h.)

Cruise speed 68km/hr (42.5 m.p.h.)

Vne 95 km/h (60 m.p.h.)

Minimum sink rate 1.4m/s (285 ft/min)

Glide ratio 11:1. (with the engine off)

Load Factors (safety factor 1.5) +4G 2G.

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info@aviad.it

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KIT ZIGOLO MG12

FLIGHT AS YOU NEVER EXPERIENCED BEFORE

THE Zigolo MG12 Kit does not require specialist knowledge or equipment for assembly. The drawings are very detailed and when followed sequentially provide a step by step guide for assembly. The individual drawings contain a parts list of required components, which are easily identified by the initials engraved on them.

There are photos for each step of the assembly stages.

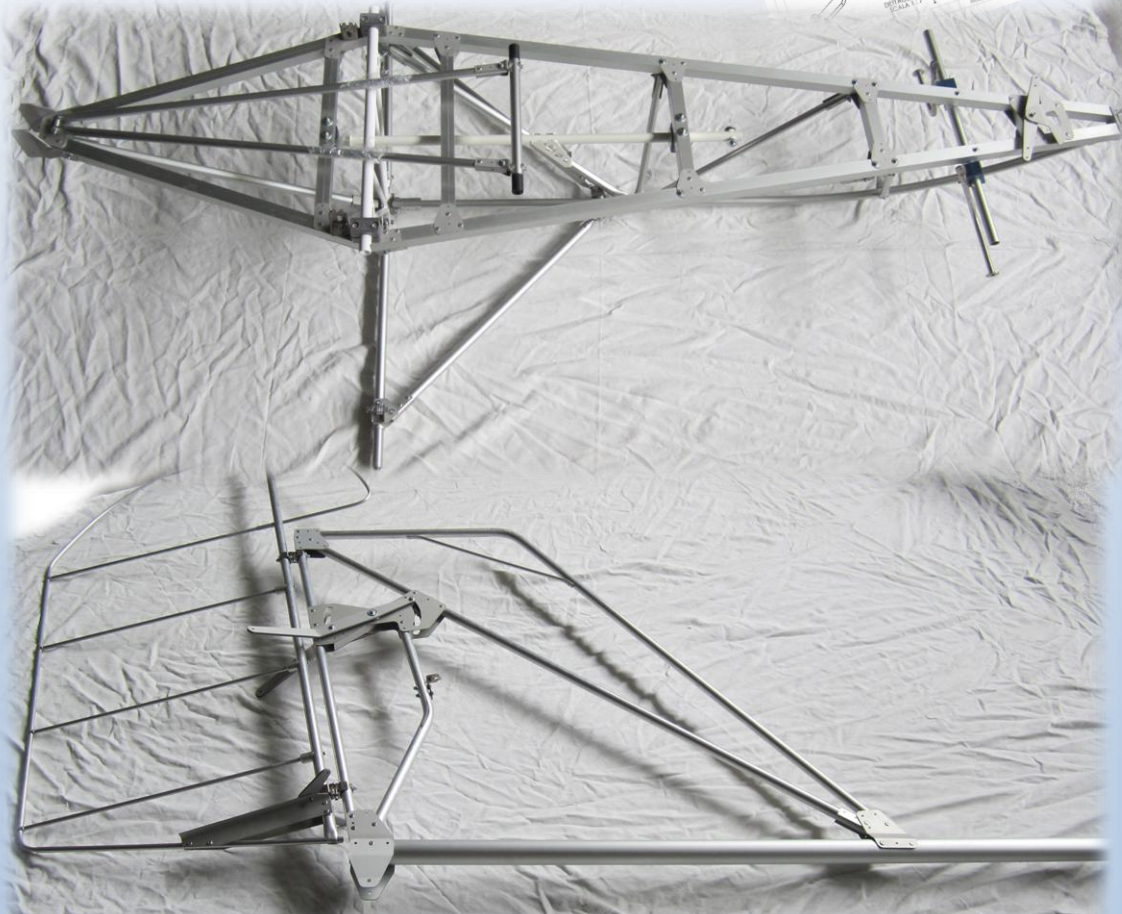
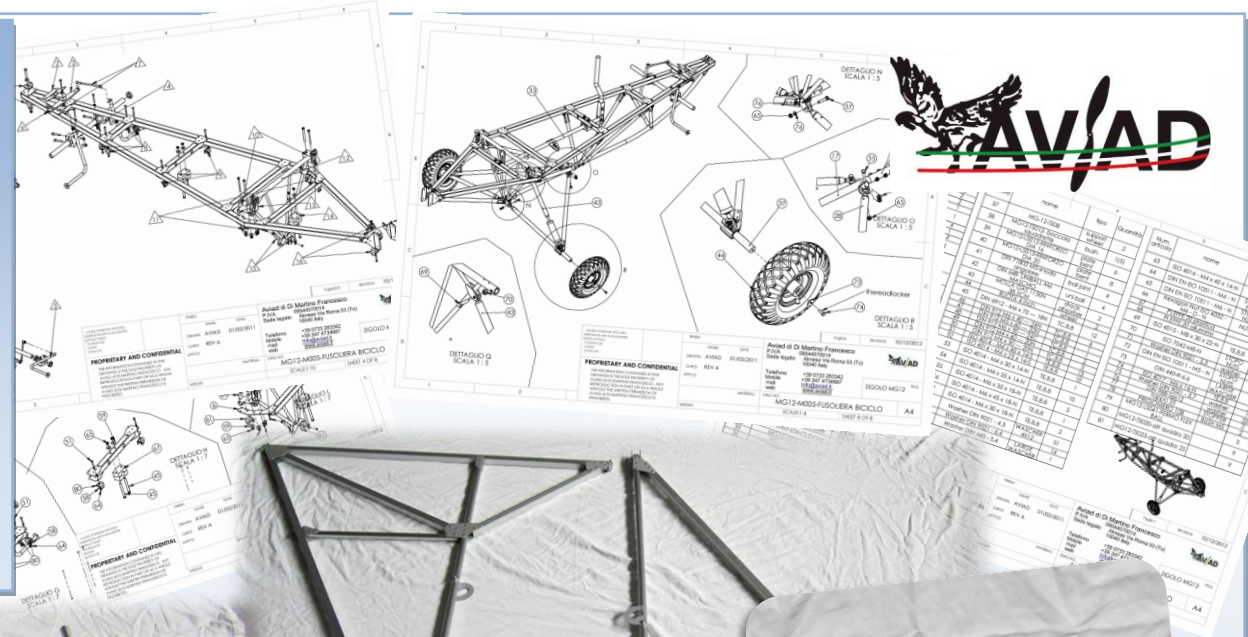
The Design Drawings are shared online and are made easily accessible for kit manufacturers.

All parts are accurately cut, perforated and folded.

The assembly process only requires the correct part selection, correct positioning prior to fixing with either bolt or rivet to complete each sub-assembly / module. The complete aircraft's final assembly can be undertaken either within the workshop or in the hangar and does not require an excessive spaces for construction.

The Zigolo MG12 kit requires less than 100 hours for assembly.

The aircraft modules once completed can be rigged and ready to fly in 1 hour and offer easy transportation by truck, pick-up or trailer.



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