

EGO Electric Ultralight Soaring Trike

This amazing flying machine is the latest technology in design, materials and propulsion. German/Czech engineered and manufactured. The EGO trike was developed by Ultralight Design with collaboration from ATOS gliders and Geiger engineering in Germany. Unfortunately I have had a hard time securing permanent hangar space and an airport to fly from so it's for sale. The aircraft is in excellent condition, with low hours, it can be transported in a moderate size SUV or truck. See items below for details

The EGO was designed for soaring and cruising, with an hour battery capacity you can fly up to the thermals, shut engine down and soar or cruise around and enjoy the scenery. The reliability of electric over 2 strokes enables added safety and confidence.

The wing design is from ATOS in Germany, It is based on the very successful high performance rigid wing hang glider. This particular model, the VR190 was designed for trikes and tandem flying. The wing internal structure is mostly carbon fiber, the sail is mylar with carbon reinforcing. The wing has better than 20/1 glide with spoilers for roll control and weight shift for pitch, flaps and speed brakes are used for improved rate of descent when needed. Climb rates are 600-800 fpm at full power, T/O roll is around 200-300ft. Top cruise speed is 55-60 mph

Some basic information on the glider:

- The composite trike body is from EGO and is 100% carbon and carbon /kevlar. It is in excellent condition, it was one of EGO's demo models and had very little use before I purchased it. I have about 20 hrs in it.
- The ATOS wing is a VR190 designed specifically for trike flying, the wing was a low time demo model from EGO. I had a new technora mylar sail installed when purchased. It also has the full carbon keel option for better stiffness/pitch stability. The wing includes the optional inboard air brakes, these are very effective and can increase rate of descent significantly. It has the 3 spoiler (each side) configuration option for better roll authority.
- For improved visibility to other aircraft, I have added aircraft grade strobes to each side of the trike body; they run on a high capacity LiFe battery which I installed between the engine batteries. They are turned on with a switch that I added on the front dash.
- The trike has a new Galaxy ballistic parachute system
- The engine (16Kw), engine controller, batteries (120Ahr total), display (larger ADI) and folding prop were new from Geiger engineering when I purchased the aircraft, The engine model is HPD16, The engine has performed flawlessly.
- There are 2 new (when I received the glider) Lithium Ion batteries also from Geiger , these have a 120Ah total capacity and offer about 1 hour flying time, includes a 15 amp charger, charge time is about 6 hrs for a 50% pack
- I have added a UHF antenna at the front of the glider near the nose for best reception. I'm using a handheld VHF radio that is mounted to the panel. The radio is connected to my helmet with a push to talk switch on the control bar.

For more information Message or text me at 941-962-3277