

The Butterfly Gyroplane

The Butterfly Gyroplane is a modern design with many safety components available. The components include Centerline Thrust, a large Horizontal Stabilizer, the G-Force Landing Gear, the Metro Launch System, and the Gyro Recovery System. Most of these components are patented or patent pending.

A Centerline Thrust gyroplane has the thrust line of the propeller “Under” the Vertical Center of Gravity which makes it impossible to “Power Push Over” which has caused most of the gyroplane related accidents.

The Large Horizontal Stabilizer is located in the center of the prop blast which makes the craft a very stable flying machine. As the blast of the propeller energizes the true airfoil vertical and horizontal tail surfaces they act twice as large as a flat plate type tail. They dampen out the pitching moment of the gyroplane and make it docile.

The Patented G-Force Landing Gear is a parallelogram design that allows the rear wheels to have a long stroke that keeps the wheels parallel at all times. The dampening of the shocks lets the craft drop in from heights that would destroy most other designs.

The Metro Launch System eliminates the need for a runway. This simple belt system pre rotator lets you bring the rotors to full flight speed before starting the ground roll. You can now “Launch” into the air at full power and a normal takeoff is only 3 or 4 seconds from the time the brakes are released. It is a simple and safe type of takeoff. The gyroplane leaves the ground in normal flight attitude and speed. This system has revolutionized the gyroplane and made it a very useful tool for many purposes.

The Gyro Recovery System is a parachute that will let the whole gyroplane and pilot down under canopy if needed. It is an insurance policy to give the pilot a second chance of walking away from a bad situation if needed.

The patented Super Sky Cycle design takes the gyroplane to a different level giving the owner the capability to Fly through the air, Dive down the road, and Park the three wheeled Fly-Drive Vehicle in the family garage.

The two place Golden and Turbo Golden models are designed as training vehicles to be used to teach students how to fly.

More information can be found at:

www.thebutterflyllc.com