



I have flown this model today on 5.5 m. long “SpiderWire” lines, using the 2S LiPo, 370 brushed 6.6:1 geared motor with the 10x4.7 APC slow flight propeller and 12Amps Eflite ESC for brushed electric motors. The timer: Eflite EFLA172.

The model, having the top wing span with ailerons ~715 mm. And weighting RTF 342 grams, is only capable of level flight having the static thrust of 155 grams at 4200 propeller RPM. Structure is made of balsa covered with Silkspan. Two front fuselage ribs are made of structural “stiff” foam with 0.030” thick hard balsa skins. Graphite composite 0.08” rods are used for the landing gear and the “parasol” style mounting of the top wing. The wheels axis is suspended on thin rubber bands – exactly like in the original Triplane. The “Red Baron” color scheme and the markings are visible.

It would be much better to fly such fragile, light and slow flying model indoors but I could not find suitable place so I flew this mini-Triplane on the East parking area of the Centennial Park early in the morning.

The model has been build from scratch in 1999 as 1: 1.5 replica of my DR-1 Triplane from the sixties and I tried to power it from the 24 V lead acid battery in my backpack, loosing 50% of this voltage on wires that served as control lines (!). 12 V Faulhaber micro electric motor with planetary gears was used at that time. The combination of large resistive voltage losses, relatively heavy wires and overloaded motor did not work too well and the model could not properly take off, doing only a series of stalled jumps.

**You Tube video of the Triplane flight using the current power setup will follow.**