



Modified LGW (top left) with Cobra 2814/12 instead of Cobra 2808/22, larger wings (328 sq.in instead of 286 sq.in.), 9x6 APC pusher, 30 Amps. ESC, KR governor, 3S 2200 mAh. 30C battery. Weight RTF: 795 grams. (28 oz.).

Launch RPM set at ~10,250 at 26 –27 Amps.

Modified LGW flies on 47.5' long, 0.012" dia. steel braided lines and allows me to practice the entire pattern.

New LGW II shown above has: ~400 sq.in. Wings area, PFP fuselage elongated by 3", larger and very light and stiff horizontal stabilizer and elevator (PFP foam core covered with 1.0 mm. medium density Balsa - weight: only 26 grams).

LGW II will use the power plant from Modified LGW with 3S 3,300 or/and 4,000 mAh. Battery.

This will allow for 5-6 minutes flights with Cobra 2814/12 drawing 33-35 Amps. Cobra 40+ ESC will be used. RTF weight: 880-920 grams.

The LGW II PFP fuselage will be closed using the 3mm. thick Depron, resulting in weight saving ~15 grams.

The horizontal tail in the middle of the photo is from my eParrot. It weights as seen above only 34 grams.

More about LGW, LGW II, eParrot and my indoor stunt planes (MP Bee1, 2 and Wasp) in the next installment of MP Design Corner.