Airframe		Results	
Ready-to-fly Weight (gm) Wingspan (mm)	800 600	Flies Like: Power Level: (with white highlighted prop)	Lead sled Excellent. Long vertical lines. Might hover. Thrust/weight about 1.0:1
Total Wing Area (dm ²)	15	Minimum Pilot Skill Needed:	Highly Skilled Expert.
Number of propellers	One	Minimum Flying Field Size:	580 x 420 metres.
Maximum prop size (inches)	7 Run Prop Size Wizard	Minimum Battery Capacity: Suggested ESC Rating:	1200 mAh, 25 C, lithium polymer. 31 A to 37 A.
Flight mission:	Fast racing	Power Into / Out of Motor	202 4 watto in / 226 8 watto
Powertrain		Power To Weight Ratio: Estimated Stall Speed:	378.00 watts/kg. 32.9 km/hr.
Desired top speed (km/hr)	150 Suggest top speed	Wing Loading:	53.3 gm/dm ² .
Desired thrust (gm) Motor efficiency	1000 Suggest thrust Cheap inrunner (75%)	For direct-drive, use prop Adjust current and/or pitcl	18.2 gm/dm ³ . rop Sizes (approx): s with gear ratio 1.00. h speed if necessary to obtain
(%) Cell Type, Count, C-rate:	Lipo 3 S 25 C	this ratio. White: propeller with most thrust. Yellow: best choice for direct-drive.	
Battery voltage (V)	10.80 Run Voltage Wizard	Prop Dia Pitch Type (in) (in)	Vpitch Thrust Thrust Approx (kmph) (gm) Change Ratio
Desired current per motor (A)	28 Run Current Wizard	APC-TE 5.1 4.5 20761 APC-TE 5.5 4.5 23952 APC-TE 6.0 5.5 18930	142.3 827.9 0.0 1.17
Votor Kv (rpm/volt)	3000 Run Kv Wizard		