

Total Weight, lb	4.73
Wing area, sq in	566
Wing loading, oz/sq ft	19.3
Bench tested power, Xoar 11x6 @ 11,900 29.5A @ 22.7V	668
Power loading @ 90% of bench, W/lb	127
Takeoff thrust @ 11,500 rpm, g	2260
Takeoff thrust ratio	105%

Item	Wt, g
Total	2145
battery, Turnigy 6s1p 3000mAh, velcro added, stock connector replaced with Deans Ultraplug	424.6
fuselage, modified: stock tiller tube; custom servo tray, battery tray, battery hatch and nose hatch; cutouts for intake and exit cooling air; nose bay painted	345.5
left wing and aileron	264.1
right wing and aileron	262.4
motor, Firepower 40 from Heads Up RC, retrofitted with Himax 3.5mm bullet connectors	195.2
ESC, Castle Phoenix 50 with heat sink, Deans Ultraplug, Himax 3.5mm bullet connectors	71.4
servos 3x, Ino-Lab HG-D250MG with servo arm	70.7
tailplane and elevators	63.2
pushrods, all found in kit except throttle	58.8
main gear struts 2x	46.6
wheels found in kit, 3x	36.8
wing hold-down plate and dihedral braces, custom aileron servo tray	35.3
nosegear strut	32.2
canopy	31.5
spinner found in kit	29.6
fin and rudder	26.2
nosegear mount cut down from engine mount found in kit, mounting screws, nosegear bracket and tiller	21.2
prop collet, Turnigy extra-long, for 5mm motor shaft, spinner nut replaced with hex nut	19.9
motor mount, custom laser cut, with fastening screws 6x and motor mounting screws 4x	18.7
belly pan	16.8
wheel collars 8x, main gear screws 8x, servo mount screws 6x, screw-lock connector 1x	16.0
receiver, Spektrum AR6210	12.4
propeller, Xoar 11x6 wood	12.3
hinges, horns and plastic hardware	12.3
wing hold-down screws, 2x	7.5
motor disarming switch with faceplate and light servo lead	7.1
aileron servo lead, heavy duty	6.2