Great Planes U-Can-Do 3D .60-.90

We have a number of different motors that would work well in the U-Can-Do model, depending on the performance that you are looking for. For Sport-Pattern, with plenty of power and thrust for unlimited vertical performance our BadAss 3530-570 motor would work very well with either a 13x8 or 14x6 prop, depending on whether you were looking for more speed or more thrust.

I found a review article for this model on RC Universe and the guy that did the review put an OS .91 4-Stroke engine in the plane with a 15x6 prop. The link to that article is listed below.

https://www.rcuniverse.com/articles/review/great-planes-u-can-do-3d-60/

I also saw in his review that the distance from the firewall to the face of the prop adapter was 5-7/8 inches or 150mm.

You would want to to run a 6-cell battery to get the best performance. The BadAss 3530-570 motor with an APC 14x6-E prop on 6 cells will you get the following full throttle performance numbers.

Volts – 22.2
Amps – 51.7
Watts – 1147
RPM – 10,369
Thrust – 168 ounces (10.5 Pounds)
Speed – 59 MPH

If you wanted to trade some of the thrust for more top speed, you could also run a 13x8-E prop on the motor and get these performance numbers at full throttle.

Volts – 22.2
Amps – 62.7
Watts – 1392
RPM – 10,064
Thrust – 153 ounces (9.6 Pounds)
Speed – 76 MPH

If you wanted to do more 3D flying, and was looking for more thrust, this motor would also spin an APC 15x7-E prop on 6 cells and get you these full throttle performance numbers.

Volts – 22.2
Amps – 73.7
Watts – 1635
RPM – 9863
Thrust – 213 ounces (13.3 Pounds)
Speed – 76 MPH

This motor has a max rated current of 75 amps, so you would want to team it up with the BadAss Rebel 80 or Renegade 85 amp ESC, or any other brand ESC 80 amps or higher if you already have one.

Here are links to the items described above.

BadAss 3530-570 Motor: https://innov8tivedesigns.com/badass-3530-570kv-brushless-motor.html

BadAss 80 am Revel V2 ESC: https://innov8tivedesigns.com/badass-rebel-v2-series-brushless-esc-80a.html

BadAss 85 amp Renegade V2 ESC: https://innov8tivedesigns.com/badass-renegade-v2-series-brushless-esc-85a.html

APC 15x7-E Prop: https://innov8tivedesigns.com/apc-15x7e-propeller.html

APC 14x6-E Prop: https://innov8tivedesigns.com/apc-14x6e-propeller.html

APC-13x8-E Prop: https://innov8tivedesigns.com/apc-13x8e-propeller.html

We also have a full line of wood electric props in our BadAss brand. These props work very well, and with their gloss black finish, white painted tips, and red BadAss Power Systems logo stamped on them, they just look very cool on the front of your plane!

These props are available in the same sizes as the APC props shown above, and give similar performance.

BadAss 15x7 Wood Prop: https://innov8tivedesigns.com/badass-wood-electric-propeller-15x7.html

BadAss 14x8 Wood Prop: https://innov8tivedesigns.com/badass-wood-electric-propeller-14x8.html

BadAss 14x6 Wood Prop: https://innov8tivedesigns.com/badass-wood-electric-propeller-14x6.html

BadAss 13x8 Wood Prop: https://innov8tivedesigns.com/badass-wood-electric-propeller-13x8.html