

VecJet & VecJet XT

thrust vectoring aerobatic electric model aircraft by
NewDirectionsRC.com



"FLY-IT-NOW" Combo

Quick Start Instructions

For details, refer to the included **VecJet™** "Final Assembly and Operations Manual".

1. **Install the vertical stabilizer assembly** - Secure the vertical stabilizer to the aircraft with the included lock nut from beneath (tighten securely... this also serves as the middle motor mount fastener). The leading edge of the stabilizer will hold the speed controller hatch cover securely in place.
2. **Attach the rudder control rod** - Connect the clevis to the rudder control horn at the second hole from the rudder. Slide the silicon keeper (if included on the rod) over the link, but keep as far away from the control horn as possible so that it does not interfere with rudder movement to the left.
3. **Install your receiver** - Slide the retaining stick and open the forward compartment. Attach the four exposed connectors to your receiver. The connectors are labeled as follows: LE (left elevon), RE (right elevon), SC (speed controller), TV (thrust vector & rudder). Use Velcro to secure to the rear of the compartment. Slide the antenna through the tube opening (on the right inside wall of the compartment). Set your radio for elevon mixing. A little expo on the elevons makes for smoother flying.
4. **Install LiPo battery** - Slide your 3-cell 1800-2200mAh LiPo battery into the nose of the plane (batteries with a height of 20-22mm and weight of 5-5.5oz work best). Attach battery to compartment floor with a small square of Velcro toward the rear.
5. **Verify initial trim settings & throws** - Unplug one of the motor wires for safety, then turn on your radio and plug in the battery. With your radio trims neutral, the elevons should be up about 1/16" and the rudder and motor neutral. With a programmable radio, adjust end points so that the elevon travel is +/- 1/4" and the motor has maximum movement without binding. Verify the rudder does not bind on the silicon clevis keeper. Unplug the battery and then reconnect the motor wire.
6. **Check the CG** - Place the aircraft on a table top with a sharp edge and pull the nose over the edge until the aircraft just wants to tip over. Measure the CG from the tip of the nose to the edge of the table. It should be adjusted to 8-1/4" for your initial flights.

CONGRATULATIONS! You're ready to fly. Read the launching and flying instructions at the end of the "Final Assembly and Operations Manual". Take particular note on how to avoid common launch problems.

A NOTE ON "ACCIDENT" SURVIVAL... almost any ground encounter is survivable if the throttle is cut before impact. **If it's going in, pull the power!!!** This will greatly reduce the chance of serious damage. Use foam-safe CA for any repairs made to the aircraft.