

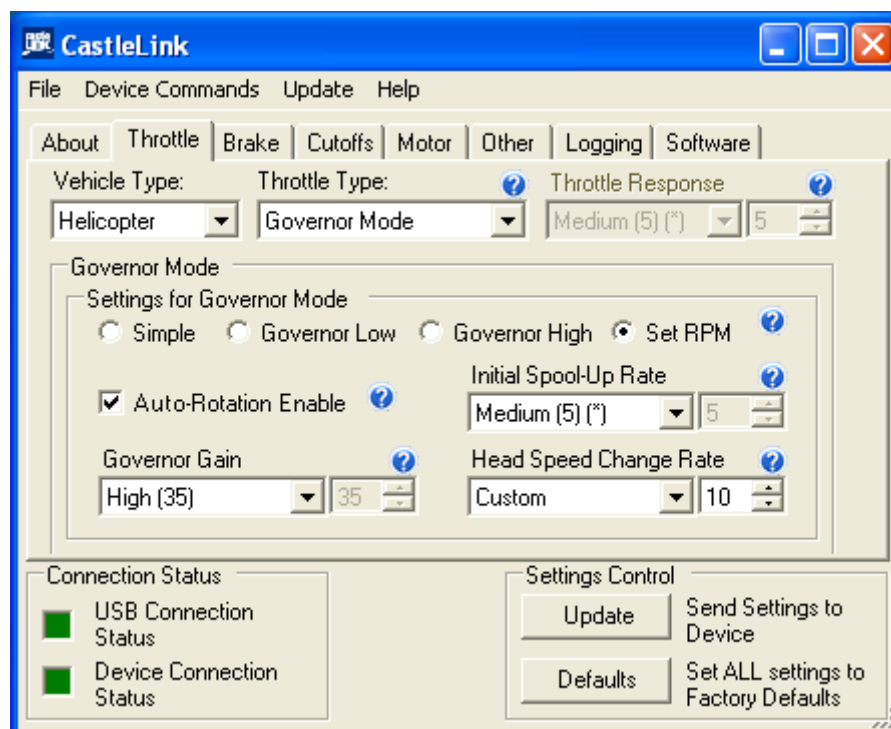
Setting Up The Auto Rotation Enable Function

Setting up the Auto Rotation Mode allows a small window in Throttle Hold where the motor is not powered but the Controller has not seen “Zero” thus allowing you to use the Head Speed Change Rate to give a faster controllable spool up for recovery when bailing out of an auto.

- **Caution – For safety please disengage the motor & pinion from the main gear when setting the Tx. settings in Throttle Hold.**

Using the Castle Link under the Throttle Tab select the Auto-Rotation Enable Tab. As an initial setting 10-14 will be a good starting point but will need to be tailored to your desire.

***If you are just selecting this option please calibrate the ATV or EPA on the throttle channel of your Tx.**



In your Tx. go to the Throttle Hold Screen. Depending on the Tx. you may have to activate the screen. When it is activated the value of the Throttle Hold position will possibly be a negative value. Move this value to its highest positive setting. Now go to the Normal Throttle Curve screen & set all values a zero. We will use this as a safety & controller initializing switch. With the motor disengaged from the driven, throttle hold off and Throttle Hold Screen open on the Tx. initialize the controller. Now switch in to Stunt or Idle 1 and give the motor time to ramp up. Once it is up to speed flip into throttle hold and In the Throttle Hold Screen slowly decrease the value pausing briefly between each point until you hear the motor loose power & begin to slow – go no further! Before the motor stops flip out of throttle hold and the motor should ramp back to its preset speed. Verify the settings a few times by going in & out of throttle hold. You can adjust the rate at which the the head speed will be regained by the “Head Speed Change Rate” on the Castle Link but use caution & work the setting up slowly to suit your self & the models capability.

Re-engage the motor to the main gear & verify once again the throttle hold setting with the model on the ground and zero pitch in the blades. It is also recommended in the first few flights to try the Auto-Rotation function starting from a safe altitude until you learn the best setting for you & the model.

Happy Flying!

Steve

Castle Creations

