



Tips on the use and adjustment of your Novus 200 Helicopter.

Adjusting the Main Blade Tension

Your Novus 200 can fly just fine with free swinging main blades, but if they're adjusted too tightly, the helicopter's performance can suffer. Here is one technique for adjusting proper main blade tension. The only tool needed for this step is a number 1 size Phillips screwdriver.

Start by loosening the two small screws that hold the main blades. There's no need to remove them; just loosen them so the blades swing free.

Next, slowly turn the screw clockwise (tighten) to the point that the head just bottoms out or stops. At this point, check that the blade still moves freely. Repeat with the other blade.

The next part requires only very small movements with the screwdriver. Just "tweak" the screws a very small amount, one at a time until the blade reaches the proper tension. We have found the proper tension to be a blade that does not fall when the helicopter is gently rotated onto its side, but when rotated and stopped abruptly, the blade swings down. Also note, it is better to err on the side of the blade being slightly loose than having the blade too tight. Once you get a feel for how this goes, you can remove the bolts and repeat the above using a small drop of thread locker on the screw threads.



Flying Consideration

Avoid flying your Novus 200 from tall grass. The tail blade can get caught in the grass and bind, causing damage to the tail drive gear set. If your outdoor flying area is covered with grass, consider using a length of carpet remnant, rubber builder's mat or automotive floor mat as your takeoff and landing pad.



Binding the Heli-Max TX450 Transmitter to Your Helicopter

While holding the aileron trim button to the left, turn the transmitter on. You will hear the transmitter emit even beeps. Place the helicopter in close proximity, around 1 to 2 feet from the transmitter. Plug the helicopter's main power battery into the model. An LED in the helicopter's circuit board will begin to flash. If you turn the lights down in the room, you can see the LED glow through the canopy. When the LED stays on, the helicopter is bound to the transmitter and is ready to use.



Changing My Transmitter to Helicopter Mode

If your transmitter shows an Airplane icon (airplane mode) on the screen, here is a very simple explanation of how to change the transmitter to Helicopter mode.

- A. To enter programming mode, turn on the transmitter while holding the throttle trim and elevator trim buttons down.
- B. Click the aileron trim button right two times. The MODE and airplane icon will flash.
- C. Click the rudder trim button right one time. Just the airplane icon will flash.
- D. Click the elevator trim button down one time. The icon will change from airplane to helicopter.
- E. Click the rudder trim button right one time. The MODE and helicopter icon will flash.
- F. Click the rudder trim left to exit the setup. The screen will light up, letting you know you have completed the change. The mode is now changed from Airplane to Helicopter; you may turn the transmitter off without losing the setting.

It's also worth mentioning that when in the programming mode, you also have access to servo reversing, dual rates and any of the transmitter's other adjustments.



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