Almost **R**eady to **F**ly (ARF) Scale Mechanics

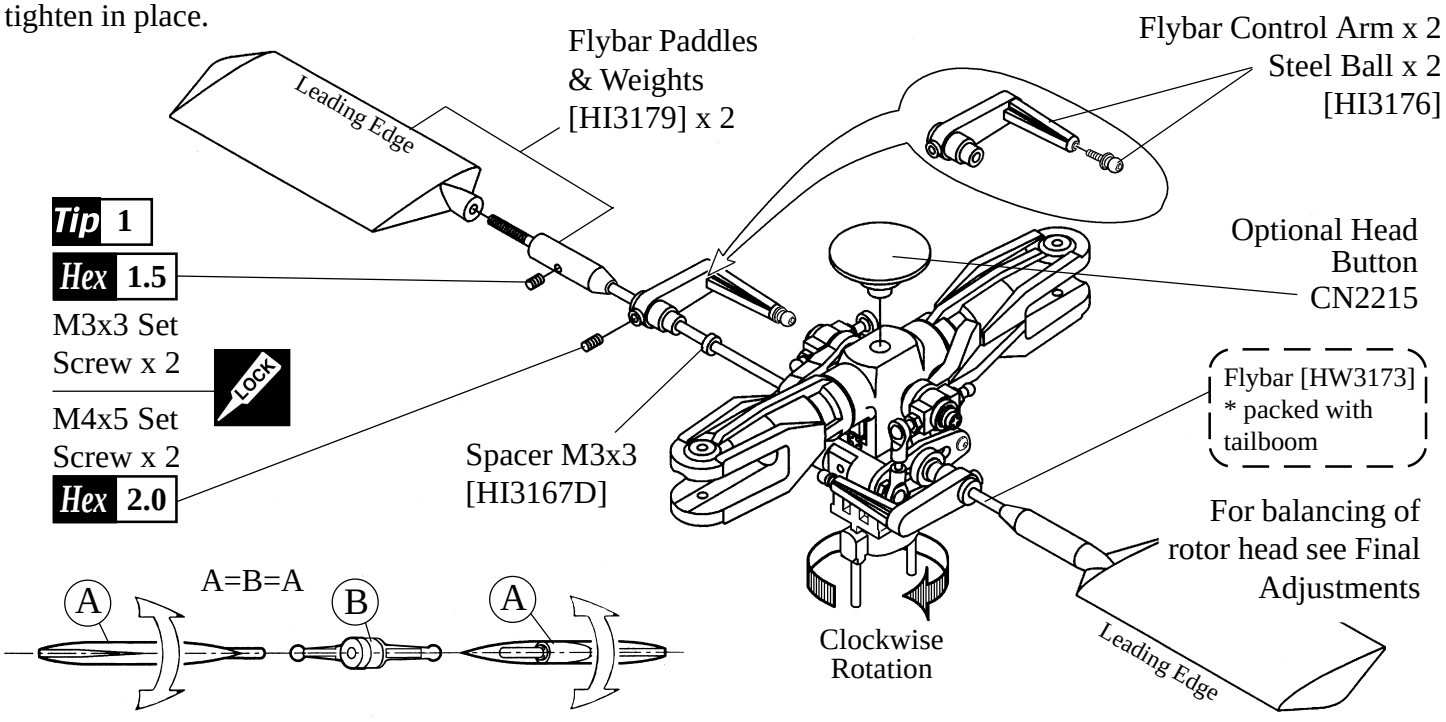
Airwolf	Bell222	Long Ranger	Agusta 109	Bell 47G II	Twinstar
CN1070A	CN1071A	CN1072A	CN1073A	CN1074A	CN1075A

For those that have purchased the pre-painted and ARF mechanics, this is the beginning of a new breed of Almost Ready to Fly helicopters that are simpler to build, easier to see and look fantastic. Whether you are just beginning in helicopters, wanting to start in scale or an accomplished pilot, Century offers a wide selection of scale helicopters to fullfill your dreams in scale. Century has combined their world-class helicopter mechanics with awesome fiberglass fuselages designed to mount directly inside without modification. As you unpack your ARF scale helicopter kit, each major section has been pre-assembled, along with parts bags that contain the remaining items that need to be assembled. All of the steps from the beginning until now are for referrence and apply directly to your helicopter but are necessary for the assembly kit version.

Follow the remaining steps to complete building the helicopter mechanics, read these steps and refer to the detail fuselage manual to complete the fuselage preparation. Lastly, you will bring all the sub-assemblies together when the main mechanics are mounted inside the fuselage and complete your scale helicopter.

STEP 1-7 Flybar, Paddles and Flybar Control Arms **Sub Assembly 1 Main Rotor Head**

From parts bag 1: Slide and center the Flybar through the seesaw arm assembly. Install one Steel ball (**care must be taken when inserting the M2 Steel Ball, it is best to turn 1/2 in then 1/2 turn out, like tapping a hole until the steel ball is fully seated**) onto each flybar control arm. Slide the M3x3 Spacer and Flybar Control Arm onto the flybar. Loosely tighten the control arms with two M4x5 Set Screws. Using a ruler, check the distance between the end of the flybar and the control arm and adjust until the lengths are the same and there is no free play between the control arms and the rotor head. Slide the Flybar Weight (Note: the flat end of the weight faces the paddle) and thread on the Flybar Paddle until all the threads are covered and align the paddles parallel. Again using the ruler, rotate one paddle or the other to get equal distances, remember leading edge of the paddles turn clockwise and finally threadlock on the two M3x3 Set Screws to secure the flybar weights. The last step is to secure the flybar control arms, remove one set screw at a time, apply threadlock (***Tip 1***) and tighten in place.



Align each paddle 'A' to be parallel with the flybar control arms 'B'. This is made very simple with the optional pitch and paddle gauge CN2026.