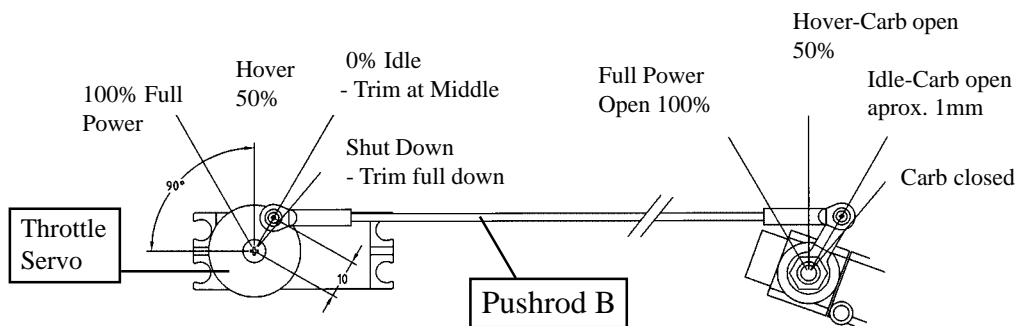


# STEP 42-43 Throttle Linkage & Main Blades

## Step 42

From Bag 4, attach one steel ball one 2mm nut, to both the Throttle servo horn and the Throttle Extension from Step 17 using threadlock. Position the ball at 10mm from the center of the servo and in the outermost hole on the metal throttle arm. With the radio on, and the throttle stick centered and the trim in the center, press the servo horn onto the servo so the ball is at 90 degrees to the servo ( the hovering position ). Move the throttle stick to the low/idle position and press the Throttle Pushrod (B) onto the steel balls. Check that in the low position the carburetor has about a 1mm wide opening for idling and finally as the trim is moved fully down the carburetor closes completely to shut the engine off. Also check that in the high position the carburetor is fully open. The throttle extension nut may have to be loosened and the lever repositioned to operate as recommended.

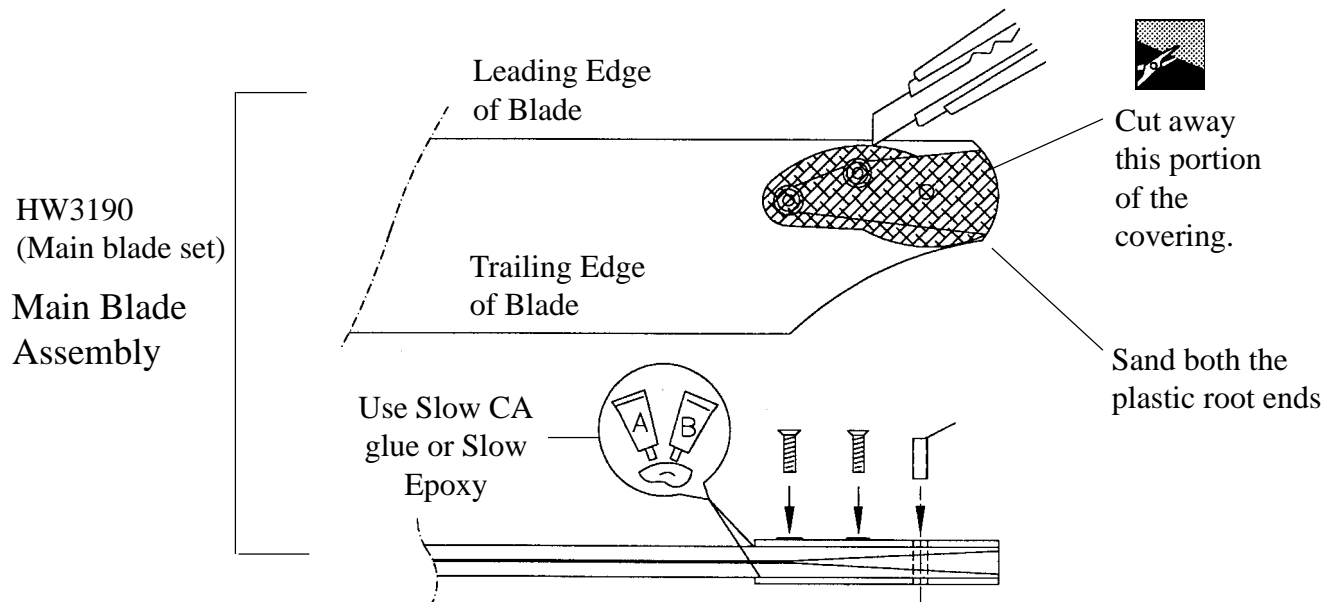


**Airplane Radio Setup**

The only change is to install the steel ball on the servo horn at a distance of 11-15mm from the center of the servo. See Step 40.

## Step 43

The Main Rotor Blades in the Hawk kit are pre-built and balanced, the only work required is to glue the blade grip root ends to the blades ( **Please note that this step is to avoid the blades separating from the helicopter during flight!!** ). Temporarily install the root ends ( see note ) onto the blades by cutting the covering over the holes and mark with a pencil, the outline of the plastic parts on the covering, remove the root ends and mark a second line about 3mm inside the first and trim away this internal portion of the covering with a knife. Using some sandpaper roughen the plastic root ends and glue them in place with Slo CA glue. Install the blades onto the rotor head to dry to make sure the thickness is perfect when finished.



Note: The plastic blade grips have a top and a bottom which are different when viewed from the large end. Test fit the parts to be sure that the total thickness of the blades are 14mm.