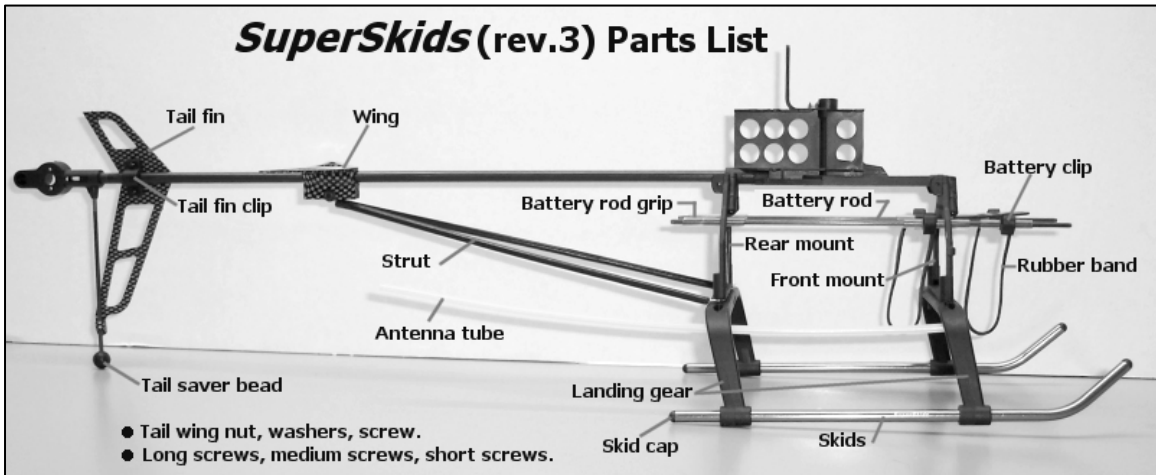


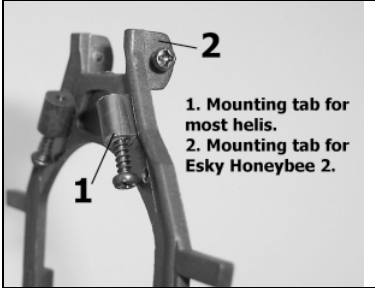
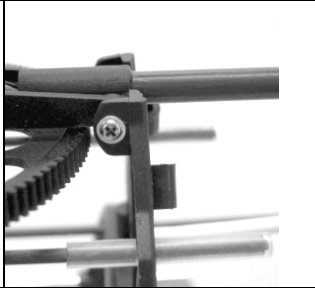
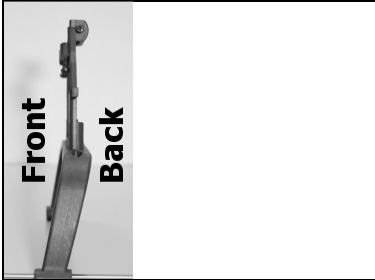
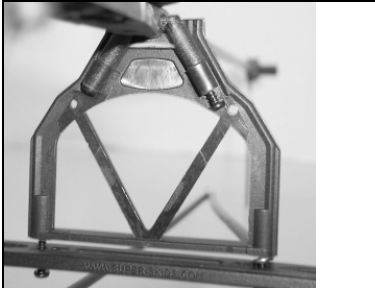

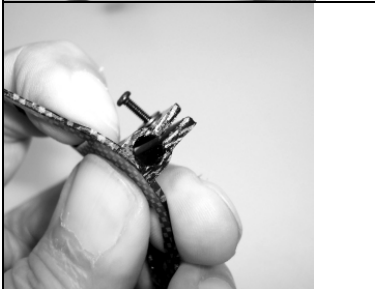

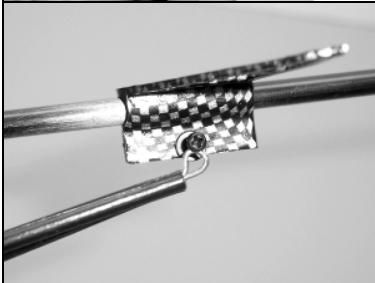
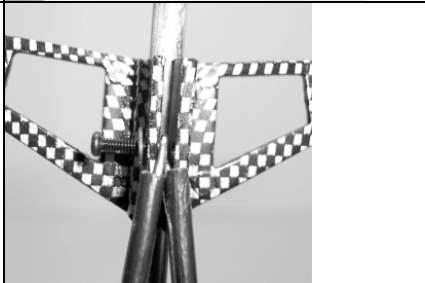
# *SuperSkids*™ Installed on a Micro Helicopter


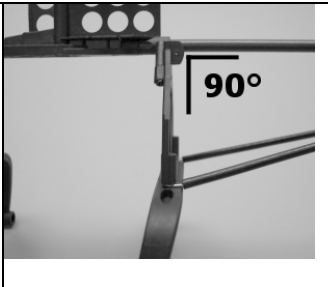
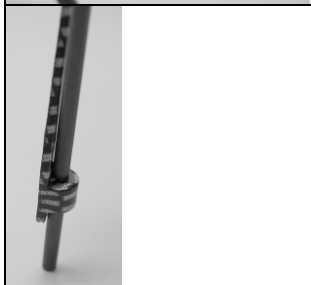
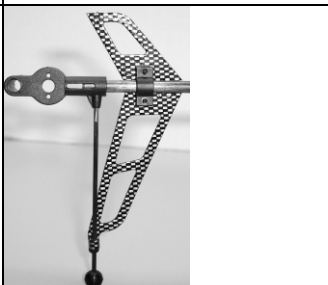

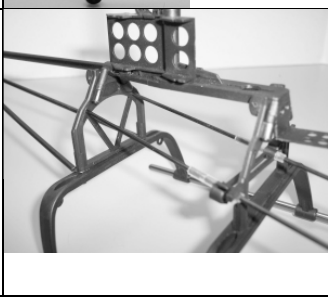

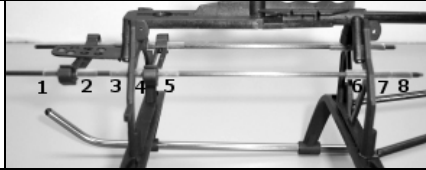
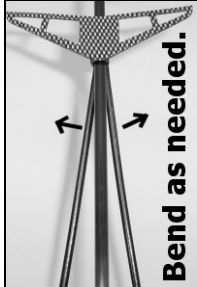
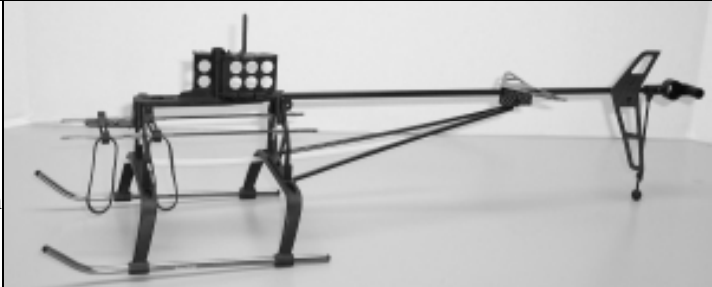
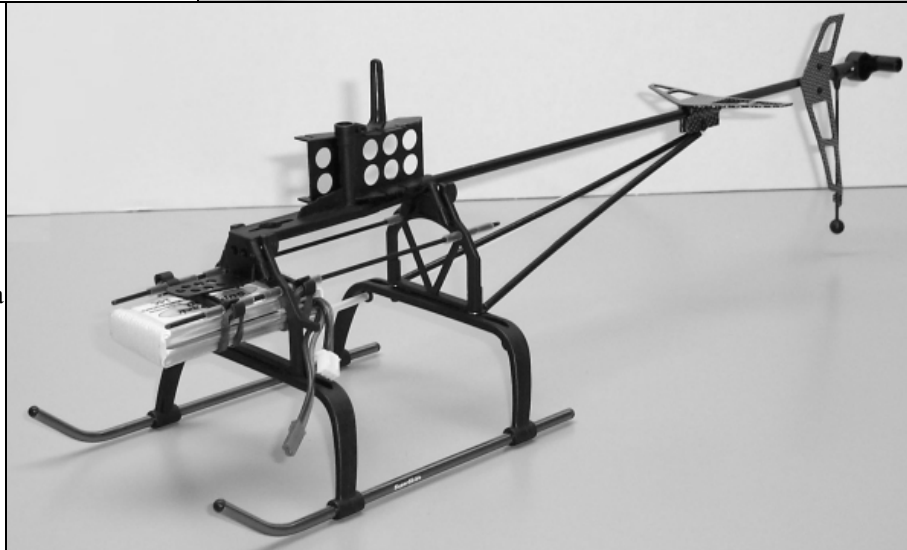


# SuperSkids™ Installation Instructions [www.super-skids.com](http://www.super-skids.com) / [www.act-labs.com](http://www.act-labs.com)

These instructions show the assembly of SuperSkids on a bare frame to make it easier to see the parts in the pictures. Your SuperSkids kit comes partially assembled. Please review all the steps in this manual before you begin installation. You'll need a good screwdriver and maybe a bottle of CA (superglue) glue.

Before you begin, you have to remove your old landing gear and battery tray from your helicopter. The landing gear will slide out of the frame on most models. On Esky Honeybee2 helicopters, you have to unscrew them.

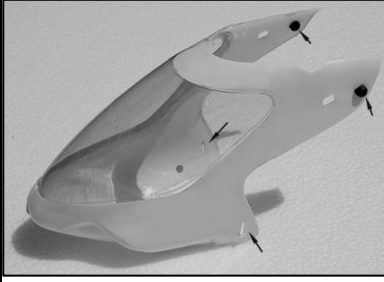

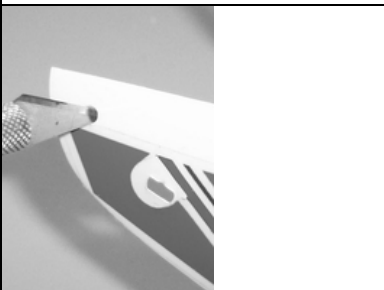
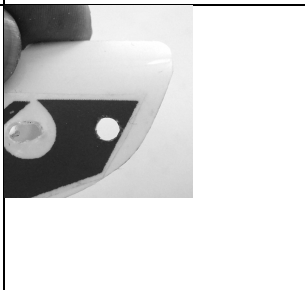

 <p>1. Mounting tab for most helis. 2. Mounting tab for Esky Honeybee 2.</p>	<p>For most helicopters, remove the screws in tab 2 on both front and rear mounts as shown on the left. <u>For Esky Honeybee2 helis, remove the screws in tab 1. Then unscrew the mounts from the landing gear, turn the mounts around so the tabs face the front of the helicopter, and screw the mounts back onto the landing gear as they were before.</u> Honeybee2 mounts attach to the frame as shown in the picture on the right.</p>	
 <p>Front Back</p>	<p>The mounting tabs you use always face the front of the helicopter as shown on the left.</p> <p>In the steps below, it's best to torque the screws. Start one screw and screw it in half way, then screw the other screw in all the way, then finish the first screw. The screws should be snug, but do not over tighten them.</p>	
	<p>Install rear mount as shown on left. Install front mount as shown on right. If your motor is not installed when you attach the front mount, leave the screws out about 1/16" (1.5mm) and tighten them after the motor is installed.</p>	
	<p>Take the nut and washer off the tail wing and unscrew the screw until it's almost out of the hole. Spread the clip apart as shown on the left. Snap it over the tail boom as shown on the right. It's easier to start the clip over the boom if you do it at an angle as shown, then snap it in place.</p>	
	<p>Slide the wing forward or back until it lines up with the loop in the struts, as shown on the left. Push the strut loop into the wing clip as shown on the right, then screw in the screw, install the washer and nut, and finish screwing in the screw, but do not tighten yet.</p>	

	<p>At this point, you still have one side of the strut not attached to the rear mount/landing gear. Back out the screw and slip the strut loop between the mount and landing gear as shown on the left. Screw in the screw again, but don't tighten it yet. Slide the tail wing forward or back until the rear mount is perpendicular (90° angle) to the helicopter frame. Level the wing and tighten the screw until it is snug, but don't over tighten it.</p>	
	<p>Slide the loop on the bottom of the fin over the tail strut as shown on the left. Attach the fin to the tail boom with the fin clip and 2 screws as shown on the right. Make the screws snug, but don't over tighten them. It's OK if the fin rotates around the boom a little. Push the "tail saver bead" onto the bottom of the tail strut.</p>	
	<p>Exactly where the battery clips should be placed will depend on the battery you use, but this will give you a place to start. Cut one of the rod grips (silicon tube) in half as shown on the top, left. Slide a battery clip onto both battery rods. Place 1 short grip in front on each side, and 2 grips in back on each side as shown on bottom, left. Put the assembly around the front mount and into the holes in the rear mount as shown on the right.</p>	
	<p>Push the rods through the rear holes and then into the front holes as shown on the left. Install other grips and battery clip as shown on the right. Position the grips to set the front mount 90° to the frame.</p>	
 <p><b>Bend as needed.</b></p>	<p>Tighten the screws on the rear mount that hold the struts in place. Bend the struts as needed to make their path straight to the screws in the landing gear. Install the aluminum skids into the landing gear so the logo is on the outside of the skid. Insert the antenna tube.</p>	
<p>Use CA glue (superglue) to hold the skid caps and skids if you think it's needed.</p> <p>The preferred method of routing the antenna is to wrap it around a landing gear a few times and then through the antenna tube.</p>		

Completed assembly.

## New Canopy Mounting Holes (optional)

On some model helicopters, like those based on the Walkera Dragonfly #4, the canopy may fit better with new mounting holes. This is the preferred method of mounting on the kit. On other helicopters, no new holes are needed. And with other helicopters like the Blade CP, you can cut the lower tabs off the front mount if you aren't going to use them. When you remount the canopy, it sits slightly forward of the original position so there's less chance of the receiver hitting the windshield and damaging it as the stock helicopter does. It leaves more room for air to circulate around the motor and receiver, and it looks better.

	<p>On a DF#4 canopy, the new top holes should be about 1/2 inch (12.7mm) back from the old holes. The holes can be poked any way you feel comfortable. One way is to use a 5/32 inch (4mm) drill bit held in your fingers. Twist the drill bit back and forth until it pokes through the plastic. Then move the bit in and out to clean the flashing. When you're finished drilling, push the shank of the drill through the hole to clean up even more flashing.</p>	
	<p>An alternate method is to use a razor knife and gently twist it in circles. Don't put much pressure on the knife, it'll quickly make a hole with little or no pressure. This is the method we prefer.</p>	
	<p>Push the rubber grommet through the hole. The tip of a screwdriver can sometimes help, but usually you can just twist the grommet in place once it's started in the hole. When you're done, you can tape the inside or outside of the old holes.</p>	