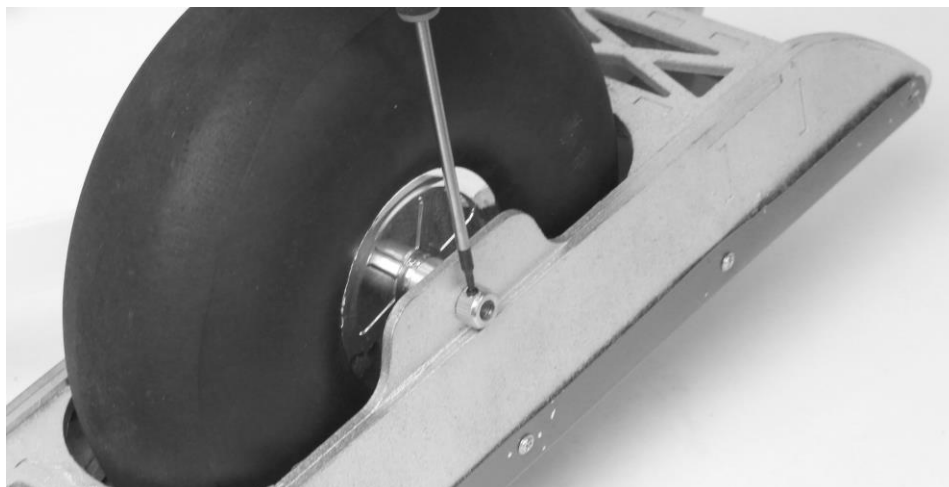


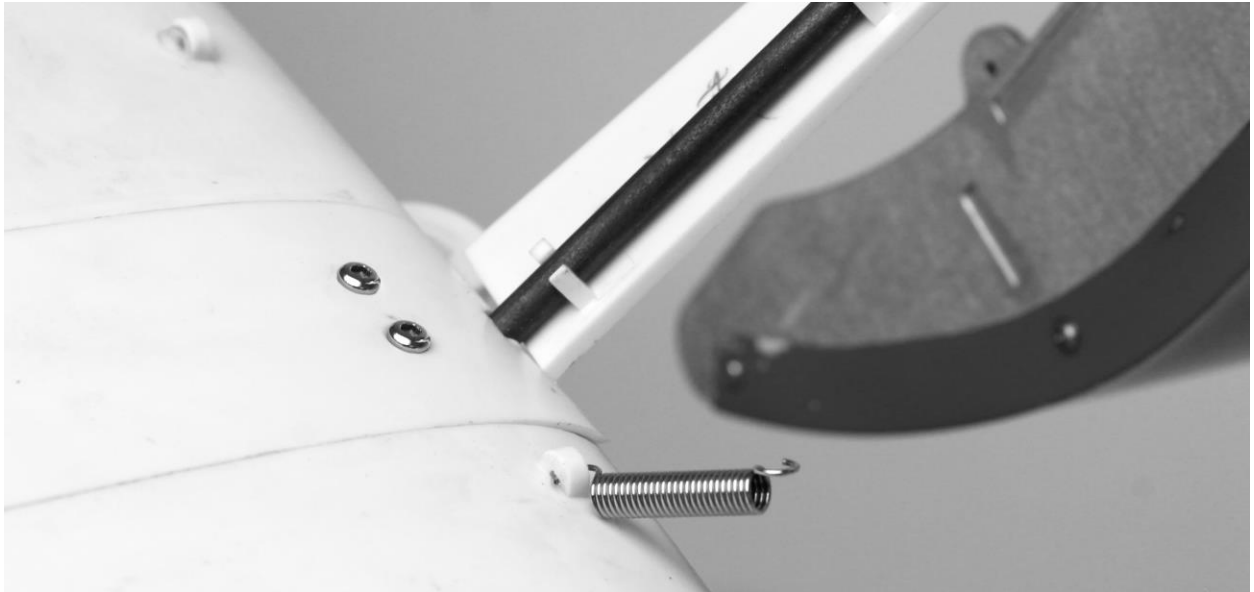
CESSNA 170 SNOW SKI INSTALLATION INSTRUCTIONS

Required Tools/Adhesives: 2mm Hex Driver, 1.5mm Hex Driver, Needle Nosed Pliers, Scissors, Thin CA

1. Remove the landing gear (if installed) from your Cessna 170 fuselage. Remove the wheels, spacers, lock-collars, and plastic fairings from the landing gear. These will be used at a later step. Set the main landing gear wire aside, as they are not needed for the snow skis.
2. The order of components from centerline of fuselage towards the wing tip for the following steps is as follows:
 - a. Snow Ski inside frame
 - b. 5mm Spacer
 - c. Wheel
 - d. 5mm Spacer
 - e. Snow Ski outside frame
 - f. Lock Collar
3. Install the plastic landing gear fairings onto the new snow ski landing gear wire. Note the addendum for the landing gear fairings located at www.flexinnovations.com/product-p/fpm3170.htm. Install the snow ski, spacers, wheel and lock collar in the order mentioned above. Secure the set screw on the outside of the snow ski using blue thread lock and a 1.5mm Hex Driver



4. Repeat steps 2 and 3 for the other snow ski.
5. With the fuselage inverted on your work space, install the landing gear in the fuselage in the same manner the standard landing gear is installed, and a 2mm hex driver. Be sure the landing gear covers and snow skis are oriented in the proper direction (curved side of snow skis forward).
6. Install the two springs on the front two tabs that stick down below the fuselage, just in front of the landing gear. Note that you may need to open the loop in the spring slightly with needle-nosed pliers to allow it to pass through the tabs in the fuselage.



7. Tie a section of string to the rear ski tab on the snow ski, and the rear tab on the fuselage. The assembled or tied length of the extended string should be 8-inches (203mm). For extra security, you can add a drop of thin CA to each of the knots. Remove any excess string as desired. Note that string can stretch in cooler temperatures, so it is best to adjust the length of the string in the temperature you will be using the snow skis.



8. Tie a section of string to the front ski tab on the snow ski, and the spring that is located on the front tab on the fuselage. Be sure to tie the string so that it is approximately 6.5-inches (165mm) in fully extended length. Trim any excess string as desired. Secure the knots with thin CA. There should be a slight amount of tension on the spring, when the tailwheel is on the ground. When the fuselage is level, the front of the snow ski should be angled up.



9. Repeat as necessary for the other snow ski.