

P&M Aviation Australia

Control Bar Tiedown procedure.



What is required?

To tie down your QuiK series aircraft control frame you will need the following items.

1 x loop-strap or a loop of rope.

2 x 3 metre Pull-down or Tie-down straps.

2 x 2 metre Pull-down or Tie-down straps.

I have chosen straps with a soft rubber coating around the metal ends. This will prevent scratching or damage to the fuselage or control bar.



Step one...

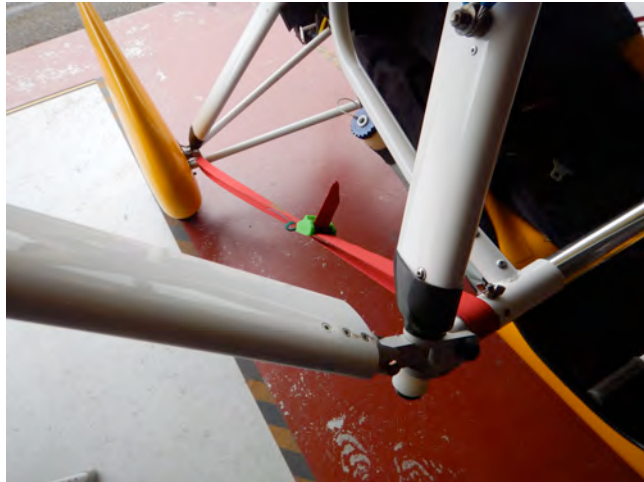
Attach each of the 3 metre Pull-down straps to the main undercarriage drag link. Make sure the pull-down strap goes through the undercarriage leg as shown in the photo.



Next put the other end of the pull-down strap through the control bar as shown. Make sure that the pull-down strap is outside of the A frame and the control bar bolt. This will stop the pull-down strap from moving.



Next connect the two ends of the Pull-down strap together and tighten them. Repeat these steps for the other side.



Once you have both pull-down straps together, step back and look at the wing. Your wing should be horizontal with the Taxiway. If not, adjust the two pull-down straps until the wing is horizontal. If you are not sure the best way to do this, simply look at the wing keel and when it is level with the base of the Trike your wing is level.



Step Two...

Take your loop-strap or rope and place it around the nose wheel upper leg. Make sure that you loop the loop-strap through itself. This will stop the loop-strap from moving, and/or rubbing of the nose wheel leg or the side of the aircraft fuselage.



Step Three...

Connect each of the two 2 metre tie-down straps through the loop strap, as shown in this photograph.



Next place the tie-down strap around the outside of the training bars, if fitted. If there are no training bars fitted, place the tie-down strap on the outside of the control bar bolt. This will work equally as well.



Next tighten up both of the 2 metre tie-down straps. Make sure that they are even on both sides.



Your aircraft is now secured.

If you have a set of Touring or Camp covers you will be able to secure your aircraft in the same way. The P&M Aviation Touring covers are designed with openings to secure your wing in the same way.

Touring Cover
Part number TQB-20150

This photograph was taken with a 20kt Northerly wind blowing over the hangar. The wing and the Trike did not move at all.

