

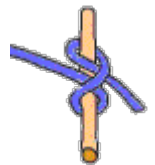
HOW TO HANG AND TAKE DOWN CONTROLS

Also look at the youtube video: https://www.youtube.com/watch?v=SdQ6T_uhBgE

HANGING

In general

- They should be visible for 25m from most directions in daylight *“and shall be between 0.5 and 2 metres above the ground (preferably near eye level) and easily reached. Markers shall be as close as possible to the checkpoint feature. Where it is necessary to place a marker in a position which is either more than 10 metres, or not obviously visible, from the feature then a magnetic bearing and distance to the marker from the feature shall be included in the checkpoint description.”* (The rules).
 - Hang controls in a place and manner that protects them, and the navlight, from damaging winds, water, inquisitive cows and theft. Also avoid areas that are difficult or dangerous for competitors eg in a slippery creek or at the edge of a steep bank.
 - Check with the setters which controls should be locked (ones near tracks etc)
1. Choose a small tree or branch that the control can be ‘wrapped’ around, preferably 1.5m above the ground. This reduces wind damage and twisting of the nylon cords. (Hopefully the setter will have found you one already.) Check that it is visible from most directions and in a safe position.
 2. Wrap the flag around the tree/branch and stick the velcro strips together.
 3. Take the long cord and thread it through the loops on the short cords on the other 2 sides of the flag. You may have to jiggle it around the tree.
 4. Use the rest of the central nylon cord to attach the flag to the tree. Preferably use a clove hitch or similar knot that is sturdy and easy to undo.
 5. Loop the lightweight number through an eyelet that the competitors will see as they approach the control.
 6. Take the navlight (check it’s the correct number) and loop it through another eyelet on the flag. A loop is usually on the end of the navlight cord for this purpose. (If no loop – make one).
 7. Rather than leave it to get knocked around by the wind, tuck the navlight unit in eg between the tree and the flags cords, OR the cord is long enough to loop back over the top of the flag. The first competitor to get to the control will ‘release’ the navlight.
 8. If the control is in an area with cattle, goats or other inquisitive creatures, use the special cover for the navlight.





Yes you can hang them sideways too !

COLLECTING CONTROLS

1. **Quick way in the field** - loosen the cord attaching the whole flag to the tree. Undo the Velcro carefully and put the whole package in your pack / bag. The Navlight, number and wrapping the flag can be done later.
2. **Now or later** -- Remove the navlight by feeding the unit back through its own loop. **Do NOT undo any knots.** Wrap the cord around the unit, and secure by tucking the cord into the small notch on the unit. Store it safely eg zip lock bag. These are expensive units so please don't lose them!!
3. Remove the lightweight number and also bag. (Not so expensive but easy to lose).
4. Undo the knot attaching the flag to the tree. Some controls may be hung in a 'creative' way. However, the only knot you should have to undo is the one around the tree.
5. Release the central cord from the loops on the other 2 sides of the control flag.
6. Carefully release the velcro and remove the flag from around the tree. If it's pulled apart too vigorously the velcro may tear.
7. Fold the 3 sides of the flag up with the shorter side on the inside.
8. Wrap the central cord around the whole flag, starting by going over the top. Feed the cord through one of the small loops and tie up with using a half hitch (a loop that makes it easy for the next user).
9. Cloth shopping bags or a cardboard box are great for transporting them back to the shed or whoever is collecting all the controls.

LOCKING CONTROLS – check with the setter about which ones need to be locked!

Remember the key; Remember the key; Remember the key; Remember the key.

Before you set off to hang the locking controls, the navlights should be already in the metal casing. This means that you will not be able to see the navlight number easily. Make sure you have a system to hang the correct navlight at each control, eg loop the number tag through the Navlight casing.

1. Choose a good sized tree, post or gate – something that is strong enough to avoid the casual thief taking the equipment.
2. Wrap the chain of the metal flag around the tree.
3. Padlock the chain and navlight metal container together. There is a small hole in the top of the casing for the padlock to go through.
4. Attach the lightweight number and the ACTRA business card by looping these through the chain so they can be seen when approaching the control.
5. The metal flags can sometimes be hard to see in the bush. Hang one of the cloth control flags on the same tree. Ignore the number on the cloth flag. It is not possible to lock these, but at least they are not so expensive to replace.

