

PROFI TL SET UP PROCEDURE



Lay the glider on the ground. * Choose the most possibly flat spot for rigging.

Undo the zipper. Remove the battens, the struts from the bag.

Remove the control bar from the bag, turn the glider on one side and spread the downtubes. Install the control bar according to the marking and fix using nuts and safety rings. The nuts should stay on the backside of control bar. *



Flip the glider upright on the control bar. Remove all Velcro ties and spread the wings a little bit. Do not attach the front wires for now.

Lay the struts on the ground as shown on the picture (Fig.1). Fix them to the control frame corners using the clevis pin and the safety ring.

Fig .1

Lift one strut and attach it to the crossbar junction using the clevis pin and safety ring. (Push the glider a bit forward to combine the holes. The center junction, that joins the uprights to the keel tube, should stay symmetrically) Attach the other strut. (Fig2)



Fig.2 (The right wing)



Fix the safety side wire to the bolt of crossbar junction using a nut and safety ring. (Fig. 3)

Fig.3 (The left wing)



By lifting up and back on the nose batten strings, push the nose battens fully into the sail so that the batten tips rest on top of the keel tube. *

Secure the nose catch of the bottom wires on the nose junction channel using the clevis pin and the safety ring. * (Fig. 4)

Fig. 4

Carefully spread the wing by pulling the nose down. It spreads itself. (Fig. 5)



Fig. 5

Remove the protective bag from the hang detail. Roll the trike under the wing.



Fix the trike pylon to the wing hang detail. (Fig. 6)

Fig. 6

Pull the trike a bit backwards. Remove the protective bags from the wing tips. Let the sail to be a little loose. (Fig. 7)



Fig. 7

Remove the batten from the batten bag and check them. *
Install the cambered top surface battens into the sail. *
(Fig. 8)



Fig. 8

The red marked battens go in the left wing and the green (blue) marked battens in the right wing.



Check all wires for twisted thimbles or tangs. *

Attach the shackle of the pullback wire to the hook, which is placed on the keel tube. *

(Fig. 9)

Fig. 9

An in-flight disengagement of this attachment will cause a complete loss of structural support of the glider and a total loss of control. Never attach the pull handle of the shackle to the hook, even temporarily!

Fix the safety wires to the control bar bolts using a nut and safety ring. (Fig. 10)



Fig. 10



Install the bottom surface battens. *
(Fig. 11)

Install the tip battens through the access zipper in the bottom surface or through the hole of the wing. *

Fig. 11

Install the washout struts, just swing them to the right place underneath the corresponding top surface battens through the access zipper in the bottom surface. * (Fig. 12)

Close the access zippers.



Fig. 12

Do a complete preflight inspection of the glider. *

Fit the nose cone and fix it tight with the Velcro. *(Fig. 13)

Never fly without the nose cone!



Fig. 13

Now your glider is ready for final mounting and lifting up on the trike.

Profi TL BREAKDOWN.

Break down of the glider is the reverse of assembly.

Start with removing the nosecone.

Remove the undersurface battens. Unzip the sprog access zippers all the way to the leading edge end of the zippers and put out the inboard and outboard sprogs.

Remove the tip folded battens.

Detach the safety wires from the control bar bolts.

De-tension the crossbar pullback wire and let the wings fold in slightly.

Remove all battens except the top battens #1. Put the battens into the battens bag.

Put the outboard wing tip bags on.

Detach the wing from the trike, put the nose on the ground. Unroll the trike.

Unzip the bottom surface central zipper.

Lift the nose so the wing is in parallel to the ground. Pull the cross bar by hand to fold the wing slightly and let the wingtips stay on the ground. (Fig. 14)



Fig. 14

Detach the front wires at the nose plate.

Fold the wings all the way in to the keel pulling the sail over the top of the leading edges.

Roll the sail tightly to the leading edge.



Fix near the side junctions with straps. (Fig.15)

Fig. 15

Detach the side safety wire from cross bar junction.
Remove the struts.

Secure the sail with the Velcro sail ties.

Install the glider bag. Flip the glider over onto the ground. Detach the control bar and place it between the leading edges in the bag provided. Fold up the downtubes and install the downtubes bags, lay it down against the keel.

Zip up the glider bag.

NOTE: In this position you can store your mickrolight in hangar. (Fig. 16)



Fig. 16

* Look at "PROFI" manual for now.
The "PROFI TL" manual is in progress.