

PARAJET SAFETY ADVISORY BULLETIN

OCTOBER 2018 - FALCO TRIKE ANCHOR STRAP INSTALLATION

WARNING Please read and follow this safety advisory bulletin thoroughly before undertaking further product use or flight. This advisory bulletin contains important safety information and disregarding these precautions could cause serious injury or death.

We have produced the following safety bulletin as part of our commitment to our customers' safety and continued enjoyment of our sport.

To ensure the continued safe operation and optimal configuration of your equipment, please continue reading to the end of this document. By receiving this safety bulletin, you will be taken to have read and understood it in full.

In addition, all pilots are reminded of the importance of carrying out comprehensive pre and post flight checks of their paramotoring equipment and this safety advisory bulletin has been issued to inform pilots of recommended additional safety measures that must be undertaken

PRODUCT

Parajet Falco Trike fitted with Parajet Volution 3 paramotor



SITUATION/CONCERN

The Falco Trike has an additional outer-ring mounted to the rear of the Volution 3 paramotor cage to provide further protection between lines and propeller. Located on this ring are two launch-assist brackets (positioned 2 & 10 o'clock) that hold and support the lines of the glider whilst setting up to launch. This outer-ring section is installed using eight (8) anchor straps riveted onto the outer-ring section and secured to the cage using a plastic square-ring buckle, shown below [Figure 1].

Parajet are aware of a small number of cases where the incorrect installation of these anchor straps and the placement of the attached plastic square-ring buckle has the potential to impinge the glider's lines during launch, thus leading to a failed inflation of the glider and the necessity to abort take-off.



1 Strap & ladder lock buckle used for additional outer-ring installation

SOLUTION/PROCEDURE

- 1) Conduct a full inspection of the paramotor cage and additional outer-ring section for any signs of wear or damage. Ensure the location of the anchor straps are correctly aligned and the rivet attachment is secure.
- 2) Place outer-ring against the rear of the Volution 3 paramotor cage. Ensure that the outer-ring mounts are facing forward and each mount makes a positive fitment over the paramotor's airfoil cage ring.
- 3) Locate one of the launch-assist brackets on either side of the outer-ring section. Disengage the hook and loop of the anchor strap and unthread strap from the square ring buckle. Position the anchor strap underneath and on the outside edge of the launch-assist bracket.
- 4) Making sure the strap is not twisted, loop the loose tail end of the anchor strap around the airfoil paramotor cage. Ensure the anchor strap is located between the upper and lower cage sections of the paramotor, away from the netted sections.
- 5) After routing the loose tail of the strap through the square ring buckle, wrap tail back over itself and pull strap outwards to tighten. Ensure the buckle is located on the inside edge of the airfoil paramotor cage.
- 6) Re-engage hook and loop closure. For secure and even coverage, align the loose tail parallel over the top and spread out evenly across the anchor strap.
- 7) Ensure the anchor strap is taut and secure. If the strap is not threaded or attached properly, the outer-ring may not be fully secured and could detach unexpectedly.
- 8) Repeat attachment process for the anchor strap underneath the second launch-assist bracket. Next, attach the rest of the anchor straps around the outer-ring section.



2 Correct position of anchor strap



3 Incorrect position of anchor strap

MAINTENANCE & REPAIR

Should you need to make a repair or rectifications to the anchor strap alignment, please contact a Parajet Representative or email us direct at: info@parajet.com and ask for a "PJ-A-11139 - Falco Support Kit".

This kit will include seven (7) hook and loop anchor straps with the rivet holes in the optimal location, eight (8) rivets and eight (8) washers to mount the strap to the outer-ring. When you receive the kit, you will need to remove the original rivets from the outer-ring, shown below [Figure 4], before removing the original anchor strap.

You can now attach the new anchor straps with the rivets supplied, in accordance with the positioning, shown above [Figure 2]. Ensure that the plastic square ring buckle locates on the inside edge of the airfoil paramotor cage and that the washer is placed under the rivet to provide a larger contact area on the strap.



4 Removal of the original rivets & anchor strap from the outer-ring

FURTHER ASSISTANCE

If you are ever unsure as to the correct configuration, condition, or safe operation of your equipment please always ensure you seek appropriate advice from us before any further use.

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Having provided you with notice of the required checks and adjustments above, Parajet shall have no liability whatsoever in respect of any subsequent accident or injury resulting from your failure to adhere to the information and instructions provided in this safety bulletin.