

SERVICE INSTRUCTION no. 2021/01 Installation of side skids

Cause: protects the launching/landing side of a basket

With reference to: Kubicek Balloons K-series baskets, all serial numbers

Required material:

Part	Part Number	Quantity
Side Skid	54769.00	1
PES rope dia. 5 mm	3183.00	6 m

Required material, see table above, is for installation of one side skid, for total number of side skid on basket, see table below. Amount of required rope you will receive by multiplication number of skids by 6 m.

Basket	Number of skids	Basket	Number of skids	Basket	Number of skids
K13	2	K28T / K28Y	3	K65TTA	4
K14	2	K32T / K32Y	4	K70	4
K17	2	K32TT	4	K80	4
K19	2	K40T / K40Y	4	K85	6
K19L	2	K40TTA	4	K90	6
K22	2	K50T / K50Y	4	K100	6
K23	2	K50TT	4	K110	6
K25P	3	K60	4		

Procedure:

1. Check that you have all necessary skids and enough rope for assembly.
2. Choose location of each side skid. Skid should be as close as possible to manilla which is connecting upper and lower basket frame (blue line). However, avoid conflict with handles on bottom of the basket, holes for fuel cylinder straps and steps (red circles).

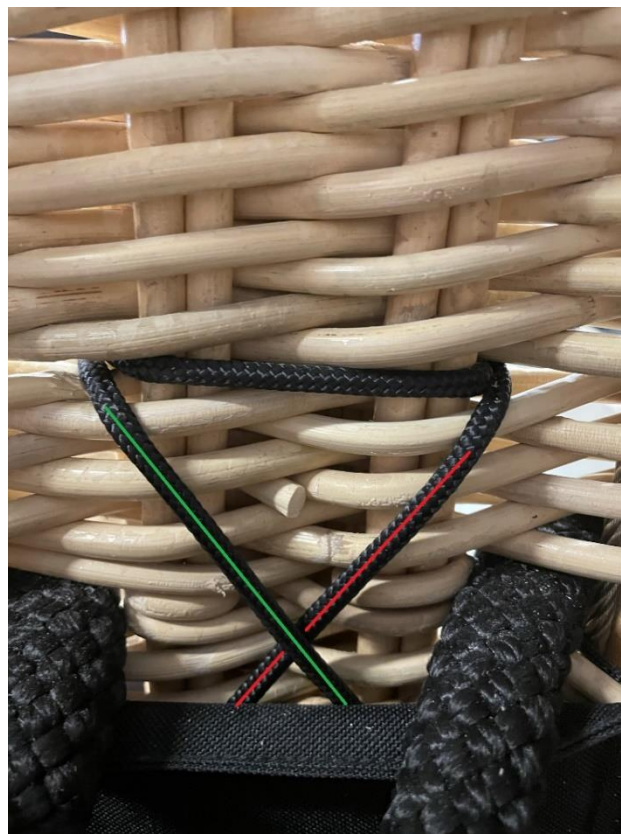


Pic. 1 – Example location of side skid

3. Put side skid on chosen location. Pass rope end through woven wall from inside of basket close to top hole of side skid. Then route rope end through top hole of side skid and pass end of rope through woven wall of basket into inside of basket. Tight up ropes properly. Have equal lengths of rope.
4. Then cross parts of rope and pass them through basket wall outside of basket. Tight up ropes properly.
5. Next is passing both ends of rope through top hole of side skid and then running them again into basket woven wall. Please see pictures below how after steps 3-5 should situation look like. Tight up ropes properly often.



Pic. 2 - View from outside of basket.



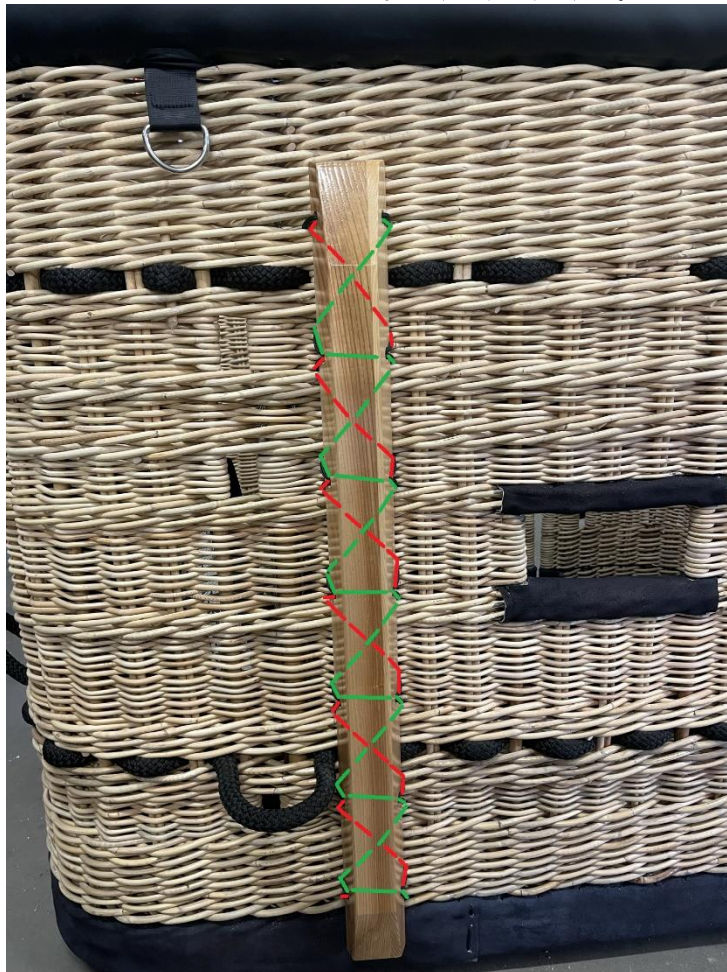
Pic. 3 - View from inside of basket.

6. From inside of basket cross strands of rope as marked on Pic. 3. And pass them through woven wall outside of basket. Tight up ropes properly.



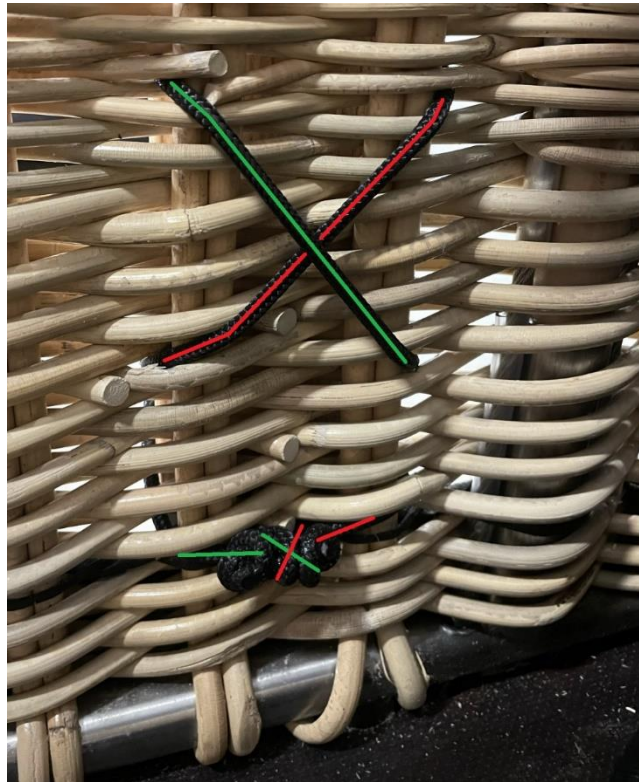
Pic. 4 - View from outside of basket on second top hole in skid.

7. Next step is to put both strands of rope inside second top hole in skid (see Pic. 4) and then through woven wall back inside of basket. Tight up ropes properly.



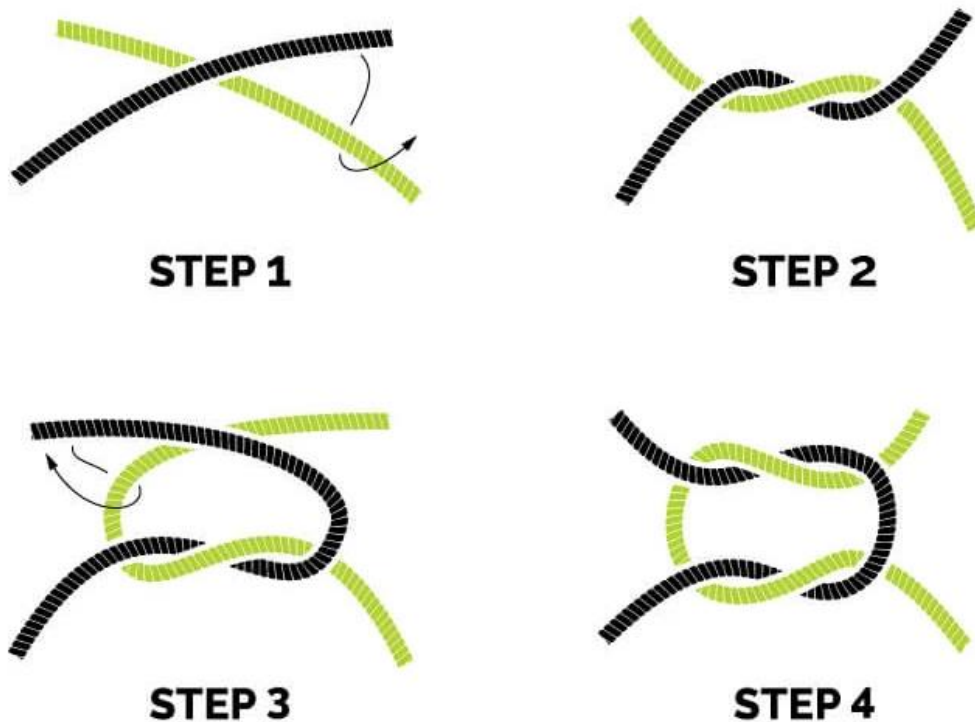
Pic. 5 - Diagram of rope binding.

8. Repeat steps 6. and 7. according to Pic. 5 until you reach bottom hole in skid. After each pass-through woven wall do not forget to tight up ropes properly.



Pic. 6 – Diagram of rope binding end.

9. *Rope binding end is made from Reef knot. Loose ends then secure to continuous rope by suitable knot and heat-melt free ends with lighter or similar device.*



Pic. 7 – Rope binding end knot.



Pic. 8 – Rope binding from inside of basket.

Warning!

The operation may be carried out only by individuals qualified in accordance with Part - M. National aviation authorities may require a higher maintenance standard (e.g. AMO, Part 145).

Should you have any question, please contact the balloon manufacturer at technical@kubicekballoons.cz

Technical content of this document is approved under the authority of DOA No. EASA.21J.277.

On behalf of BALÓNY KUBÍČEK spol. s r.o.

A handwritten signature in blue ink, appearing to read 'Petr Kubíček'.

Ing. Petr Kubíček, technical director

Datum: **21.06.2021**