

MAINTENANCE MANUAL

of the manufacturer of hot air balloons

Schroeder fire balloons GmbH

Gewerbegebiet Am Bahnhof 12
D – 54338 Schweich
Deutschland

Phone +49 6502 930-4
Fax +49 6502 930-500

mail@schroederballon.de
www.schroederballon.de

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Appendix 1 Out of production equipment
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Record of Amendments

Amendment no.	Affected chapter	Amended pages	Date of issue
0	all	all	October 2011, Chapter 2 EASA-appr.: 10036979
1	4	Pages 4.17 to 4.29 inserted due to new burner FB 7	August 2013; EASA approval #10047030
2	3; appendix 1	3-2; 3-3; 3-12; 3-15; 3-17-18; 3-20; App. 1	May 2019 EASA approval #10070119
3	4; 6	4-5; 4-8; 4-13; 4-20; 4-23; 4-26; 6-13	August 2019 EASA approval #10070719
4	4; 6	4-1; 4-13; 6-4	November 2019 EASA approval# 10071812
5	3	3-7; App. 4, App. 5	May 2020 EASA approval# 10073341

tab.0-1: Record of Amendments



If repairs of partial sections are not possible due to the size of the damage, the entire panel must be replaced. This requires the removal of the entire panel to the bordering seams. If the panel is adjacent to a horizontal or vertical load tape, the load tape is to be unstitched and the replacement panel is to be sewn-in together with the neighbouring panel using the double felled seam. Following that, the tape is to be re-sewn on top using the same yarn and the same lengths of stitches.

3.2.3. Repair instructions for Nomex® Fabric

If the scoop or the lower Nomex® gore of the envelope is damaged, the damaged area can be repaired. For this, Nomex® thread is to be used for sewing. The scoop or the Nomex® section is to be replaced if the damage is too large.

3.2.4. Repair instructions for vertical- and horizontal load tapes

Vertical load tapes

A load tape of the same quality is to be used for the repair.
There are two types of load tape repairs:

1) If the load tape is torn or cut, an additional load tape of equal quality is placed on top. The minimum overlap on both sides must be 40 cm. The new load tape is to be sewn-on in parallel. The box section may be made as a cross box section or as a two-needle-box section (pic.3.7 and pic.3.8)

2) If the load tape needs to be replaced because it has been burnt or ripped, the repair must be by load tape overlapping. The new load tape of equal quality is placed on top of the old one with a minimum overlap of 40 cm. The box section is made as in repair type 1) as a cross box section or as a two-needle-box-section (pic.3.7)

3.2.5. Repair and modification of flying wires

If an existing Schroeder fire balloons envelope is combined with a bottom end of a different manufacturer, the flyinf wires of the envelope must be replaced. The lengths of the flying wires must be adapted to the pick-up point geometries of the burner frame. This modification must be conducted in order not to overload the corresponding parts of the envelope. The change will be release to service in the aircraft log book.

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