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Maintenance manual Supplement:

Kevlar Flying Wires

Type: BB

Applicability: Balloons of serial No. 630 and higher equipped with Kevlar flying wires

This Maintenance manual supplement is EASA approved under Approval Number **EASA.BA.C.01165**

Date of approval: 08.Sept. 2008

This balloon is to be preserved in an airworthy condition in compliance with instructions and information containede herein.

0.1 RECORD OF REVISIONS

The new or amended text in the revised page will be indicated by a black vertical line in the left hand margin, and the Revision No. and the date will be shown on the bottom of the page.

Rev. No.	Affected Section	Affected Pages	Date of Issue	Approval	Date of Approval	Date of Insertion	Signature

0.2 LIST OF EFFECTIVE PAGES

Section	Page	Date of Issue
0	KFW-2	15. Aug. 2008
1	KFW-3	15. Aug. 2008
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5	KFW-3	15. Aug. 2008
6	KFW-4	15. Aug. 2008
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1. GENERAL

1.1 Introduction

This Supplement introduces information, limitations and procedures applicable when Kevlar flying wires are used. All information stated in the Maintenance Manual remain effective. If any chapter is influenced by this Supplement, only the respective additional information is stated in this Supplement, all other are without any change.

2. TECHNICAL DESCRIPTION

2.1.1 Envelope body:

As an optional alternative the Kevlar flying wires can be used instead of the stainless steel ones. Kevlar flying wires are made of the Kevlar rope protected by the Nomex cover. They are designed for an easy replacement without any tools.

3. INSPECTIONS AND OPERATING PERIODS

3.4.2 Envelope check:

14. If used, inspect the Kevlar flying wires. Their elasticity must not be reduced along the whole length, all wires must be free of heat or mechanical damage, the Nomex cover must not be excessively worn so that the yellow rope core would be exposed. The thimble must not be slack.

Annual Inspection - Envelope				
3.4.2	Check	Minimum scope	Conducted	Inspected
14.	Kevlar Flying Wires (if fitted)	Condition and slack in thimbles, burn or mechanical damage, wire elasticity and types, state and function of the load-bearing carabiners applied.		

3.5.2 Inspection after contact with electric power lines

Kevlar Flying wires (if fitted): Perform the inspection of the flying wires along their whole length including thimbles. In case any damage is detected, the flying wire must be replaced.

4. AIRWORTHINESS

(Section not affected by the Supplement.)

5. BALLOON HANDLING AND MAINTENANCE

(Section not affected by the Supplement.)

6. REPAIRS

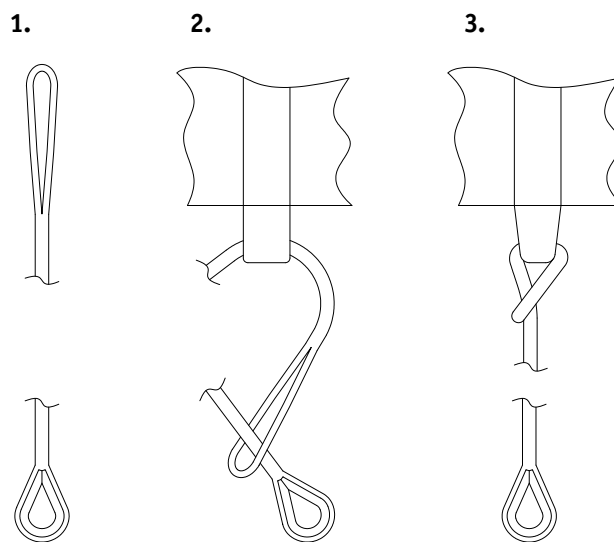
6.3.2.4 Replacing the flying wire

WARNING:

If damaged, the Kevlar flying wires must not be repaired. Always replace them with original ones supplied by BALONY KUBICEK spol. s r.o.

Replacement procedure:

1. Remove the existing cable by loosening the loop passing through the load tape loop at the envelope mouth. Prepare the new cable and check it is of the same length as the removed one.
2. Insert the flying cable loop into the load tape loop, then pass the thimble end through the loop end.
3. Tighten the loop by pulling the cable while arranging the joint of the loops so the bends are as least sharp as possible.



Replacing the of Kevlar Flying Cables

7. INSTRUCTIONS

(Section not affected by the Supplement.)

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