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# Maintenance Manual

## Supplement

*Basket Door, Passenger Seat and  
Removable Partitions*

A full description of the balloon systems and operating procedures is provided in the Kubicek Flight Manual for use with the hot air balloon.

**This balloon is to be maintained in an airworthy condition in compliance with instructions and limitations contained herein.**

### 0.1 RECORD OF REVISIONS

Any revision of the present Supplement, must be recorded in the following table. The new or amended text in the revised page will be indicated by a black vertical line in the margin, and the Revision No. and the date will be shown on the bottom of the page.

All changes to this Maintenance Manual Supplement which were made before the date of the issue stated on the title page have been incorporated into this Manual.

Revision Number	Affected Section	Affected Pages	Date of Issue
1	1 4 7	D&S-3 D&S-4 D&S-4 D&S-5	17 Mar 2011

### 0.3 LIST OF EFFECTIVE PAGES

Section	Page	Date of Issue
0	D&S-2	17 Mar 2011
1	D&S-3	17 Mar 2011
2	D&S-3	15 Mar 2009
3	D&S-3	15 Mar 2009
4	D&S-3 D&S-4	15 Mar 2009 17 Mar 2011
5	D&S-4	17 Mar 2011
6	D&S-4	17 Mar 2011
7	D&S-4 D&S-5	17 Mar 2011 17 Mar 2011
8	D&S-5	17 Mar 2011

## SECTION 1 - GENERAL

### 1.1 INTRODUCTION

This Supplement to the Maintenance Manual provides information and limitations applicable when a basket with door, passenger seat or removable partitions is used. The arrangement and numbering of sections in this Supplement is the same as in the Maintenance Manual. If any section is influenced, only the different or additional information is stated in this Supplement, all other remain without any change.

## SECTION 2 - AIRWORTHINESS LIMITATION

No change

## SECTION 3 - ENVELOPE REPAIR AND MAINTENANCE

No change

## SECTION 4 - BASKET REPAIR AND MAINTENANCE

### 4.13 BASKET DOOR

#### 4.13.1 Door Frame (C)

		C	D
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If the door frame, hinge or hinge pin is damaged then contact KB for advice.

#### 4.13.2 Door Wickerwork (B)

	B	C	D
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Damage to the wicker grater than 6 cm in both horizontal and vertical direction is to be repaired by reweaving.

### 4.14 PASSENGER SEAT

#### 4.14.1 Seat trestle (C)

		C	D
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If the seat structure is damaged or distorted then contact BK for advice.

#### 4.14.2 Basket floor and trestle attachment (B)

	B	C	D
--	---	---	---

Damaged parts on the basket floor (centering nut, corner plates) are to be replaced.

#### 4.14.3 Composite seat and restraint harness (B)

	B	C	D
--	---	---	---

The composite seat is to be replaced when delamination, cracks or damage near bolts occur. Restraint harness is to be replaced when worn or frayed through more than 15% of its original width or when the buckle is damaged.

#### 4.14.4 Seat Upholstery (A)

A	B	C	D
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Use common upholstery techniques to mend worn or damaged upholstery parts.

### 4.15 REMOVABLE PARTITION

#### 4.15.1 Removable Partition Frame and Locks (C)

		C	D
--	--	---	---

If the partition frame attachment elements or floor pins are damaged or deformed then contact KB for advice.

#### 4.15.2 Removable Partition Wickerwork (B)

	B	C	D
--	---	---	---

Damage to the wicker greater than 6 cm in horizontal or vertical direction is to be repaired by reweaving.

## SECTION 5 - BURNER REPAIR AND MAINTENANCE

No change

## SECTION 6 - INSTRUMENTS REPAIR AND MAINTENANCE

No change

## SECTION 7 - INSPECTION SCHEDULE

### 7.12 BASKET

In addition to the standard inspection check the condition of the following basket components:

12	Basket door	
13	Passenger seat	
14	Removable partition	

#### 7.14.4.8 Basket Door

Inspect the door metal parts for cracks, distortion, splits or corrosion. Check condition and function of hinges, hinge pins and securing carabiners.

Check condition of the wickerwork and upholstery. The same criteria as for respective parts elsewhere on the basket apply.

#### 7.14.4.9 Passenger seat

Steel trestle:

Inspect the structure for deformation, cracks and corrosion. Check condition of the corner attachment pins.

Floor attachment parts:

Inspect the condition of corner plates and center nut. Check function of the center bolt.

**Composite seat:**

With the upholstery removed as possible inspect the seat. Pay particular attention to the area near the bolts. Minor surface wear such as scratches are acceptable but not delamination or cracks exposing the glassfibre.

**Restraint harness:**

Check the restraint harness for wear or damage. The buckle must be functioning correctly and straps may not be worn through more than 15% of their original width.

**7.14.4.10 Removable partition**

Inspect the removable partition in the same way as basket door, pay special attention to deformation and function of attachment elements.

Inspect the entire structure of the partition for permanent deformation, mainly the longitudinal partition and upper edges in general. In case of excessive deformation that precludes proper locking of hinges or floor locks the partition needs to be repaired or replaced.

**SECTION 8 - APPENDICES**

No change

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