

The technical content of this document is approved under the authority of DOA nr. UK.21J.0140. (C977)

8.75 SPORTLITE COMPACT BASKET

8.75.1 GENERAL INFORMATION

This supplement shall be inserted in the Flight Manual, in Section 8: 'Supplements' with the revisions record sheet amended accordingly.

Information contained herein supplements, or in the case of conflict, supersedes that contained in the basic Flight Manual. For Limitations, Procedures, and Performance Data not contained in this supplement, consult the basic Hot Air Balloon Flight Manual.

Issue 5 of this supplement consists of 6 pages. Supplement 7.75 to Maintenance Manual Issue 10 is required to ensure continued airworthiness.

8.75.2 LIMITATIONS

No change.

8.75.3 EMERGENCY PROCEDURES

No change.

8.75.4 NORMAL PROCEDURES

8.75.4.2.2.1 Collapsible Basket Assembly

The following steps should be followed to assemble the Sportlite Compact series of collapsible baskets:

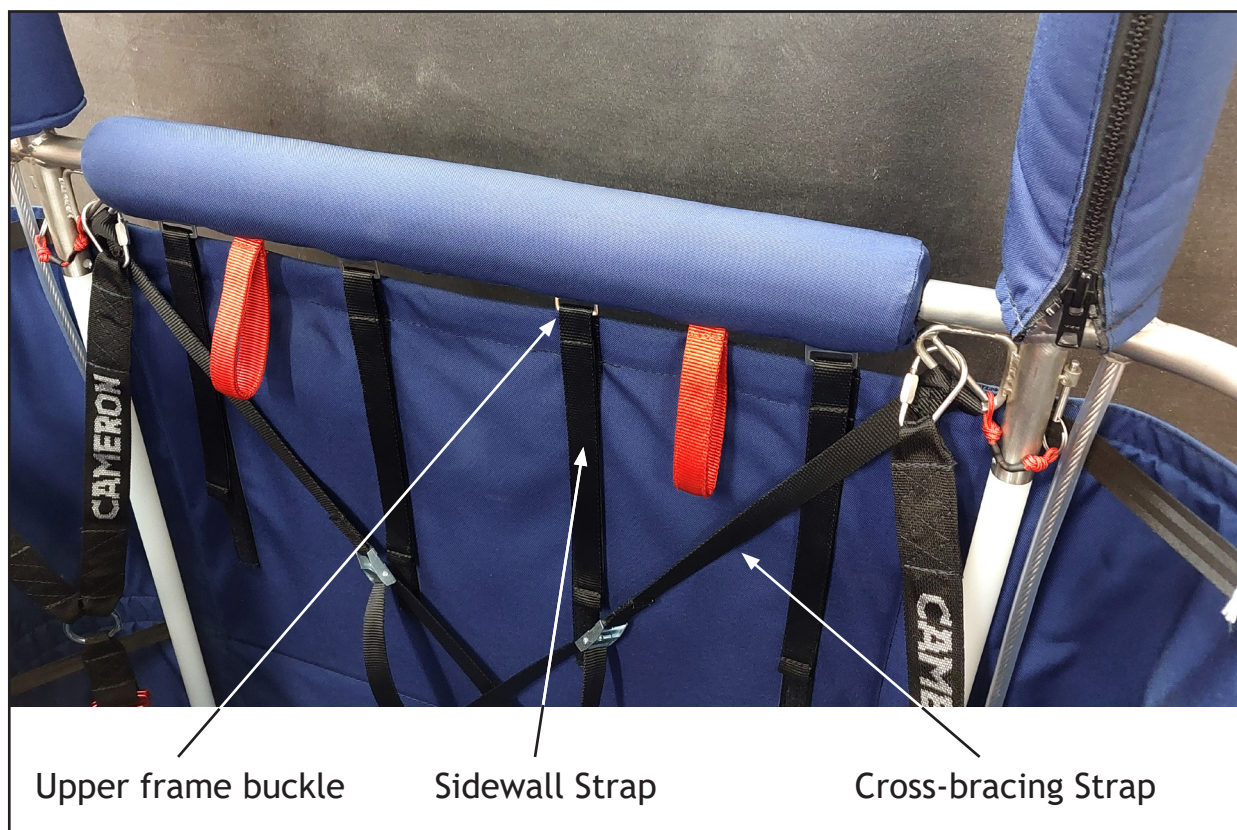
1. Place the basket in an open area that allows the side panels to be spread out from the basket floor.
2. Remove the locking pins holding the upper and lower frames together (if used) and release the upper frame from the lower frame.
3. Insert the eight basket poles into the lower frame of the basket.
4. Lift the upper frame onto the basket poles. Angle the frame so that one long end is located on the poles before the opposing side. Ensure the poles are located fully into their respective sockets.

IMPORTANT: Ensure the basket suspension wires are routed vertically and do not wrap around any of the basket poles. This can be checked by pulling the suspension wires upwards from the top frame to take up slack wire.

5. Spread out the side panels to the outside of the basket.

NOTE: Flight cylinders may be positioned into the basket at this stage for convenience.

6. Gently tighten the eight cross-bracing straps on all sides. These straps do not need to be made tight as modest tension will supply sufficient stiffness to the basket. Over-tightening may cause the upper frame to rotate relative the lower frame.
7. Attach the long-side panels (panels without corners) to the upper frame by inserting the sidewall straps through the upper frame buckles. Pull the straps through and secure on the corresponding velcro strip on the inside of the panel.

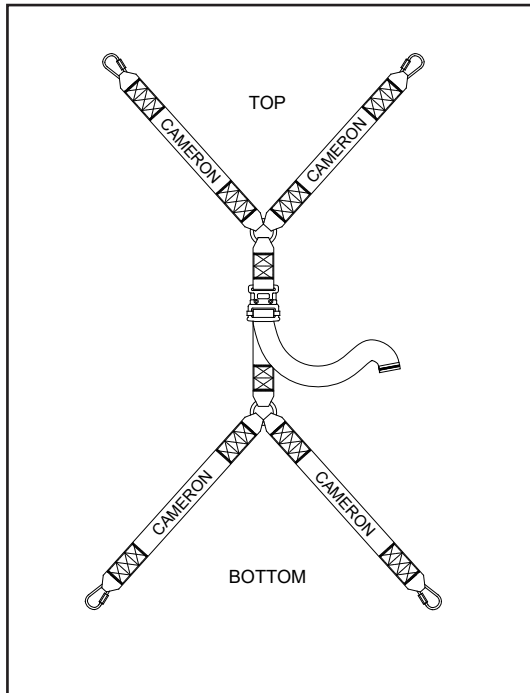


▲ Panel Attachment

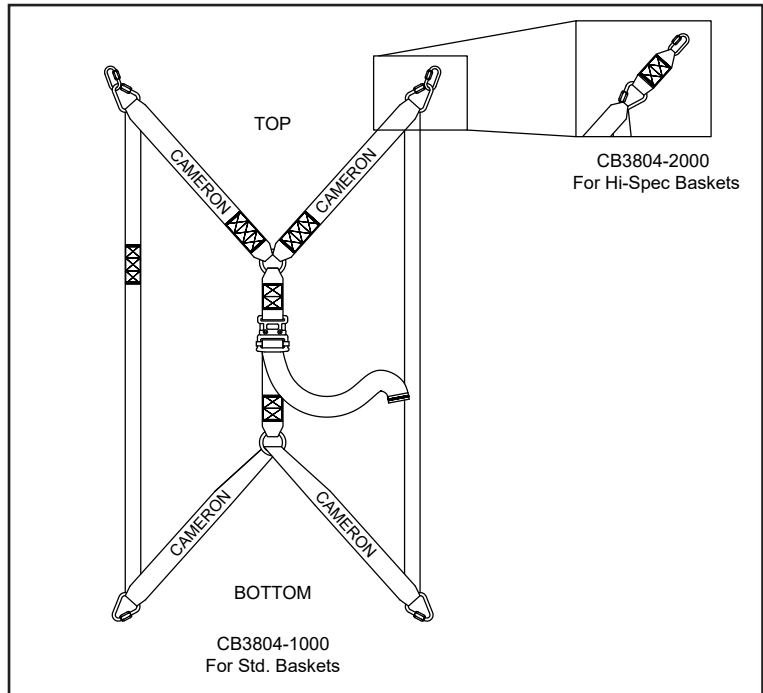
8. Attach the short-side panels (panels with corners) to the upper frame in the same way.

NOTE: Sportlite Compact 4 baskets have additional sidewall straps that are inserted through rectangular buckle rings located on the basket top frame.

9. Fit the corners by first wrapping the bottom horizontal velcro to the base leather. Then fit the vertical velcro between the corner piece and the long-side panel.
10. The basket can be prepared and rigged to the burner frame and envelope in the conventional way.



▲ Cylinder Harness CB3758-0011



▲ Cylinder Harness CB3804

8.75.4.2.2 Collapsible Basket Cylinder Harness

The Sportlite Compact series has a unique cylinder harness. The cylinder harness fulfils the function of two straps via attachment to the upper and lower basket frames. The following steps should be followed to fit Cylinder Harnesses into the basket:

1. Identify the top of the harness (fitted with female buckle part) and attach to the basket corner delta-rings. Ensure that the maillon link does not fret on the cross-bracing when the cylinder is secure. Ensure the harness is not twisted. The strap is orientated correctly when the 'CAMERON' branding is facing the inside of the basket as shown.
2. Identify the bottom of the harness (fitted with male buckle part) and attach to the basket corner delta-rings. Ensure that the maillon link does not fret on the cross-bracing when the cylinder is secure. Ensure the harness is not twisted between the two maillon links. The strap is orientated correctly when the 'CAMERON' branding is facing the inside of the basket as shown above.
3. Tighten the maillon links using light hand force on a small spanner.



▲ Harness top frame attachment



▲ Harness bottom frame attachment

8.75.4.2.2.3 Installation of Cylinders

Ensure the upper and lower yokes of the cylinder harness are arranged so the buckle is positioned on the front of the cylinder facing into the basket. Tighten the strap buckle as normal so that the cylinder is securely located.

Care must be taken to arrange the cylinder so that fuel hoses do not clash with the cylinder harness.

IMPORTANT: Fuel hoses must be routed ABOVE the cylinder harness straps and never below.

8.75.4.2.2.4 Collapsible Basket Disassembly

To disassemble the Sportlite Compact Series the assembly instructions should be followed in reverse.

When packing the short-side panels (panels with corners), fold the corner panels inside so that the whole panel can be placed inside the space of the basket floor.

IT IS CONVENIENT TO KEEP THE CROSS-BRACING STRAPS ATTACHED AND TO SIMPLY LOOSEN THEM DURING DISASSEMBLY.

8.75.4.7 PILOT RESTRAINT HARNESS

8.75.4.7.1 Sportlite Compact Basket Anchor Position

The pilot restraint anchor is located at the lower D-ring on the long side of the basket. The anchor is secured via a larks head knot and is positioned below the cross-brace strap attachment.



▲ Restraint anchor attached to bottom frame.

8.75.6 BALLOON AND SYSTEMS DESCRIPTION

8.75.6.5.7 Sportlite Compact Baskets

Sportlite Compact baskets are a range of collapsible baskets with the same sizes and compatibility as the Sportlite series of conventional wicker baskets.

The Sportlite Compact baskets consist of a regular solid floor, stainless steel upper and lower frames, and fabric side panels. Rigidity is provided by cross bracing on all four sides between the upper and lower frames.

The Sportlite Compact series uses unique cylinder harness. Conventional cylinder straps are not suitable for use with the Sportlite Compact series.

8.75.7 BALLOON MAINTENANCE, HANDLING AND CARE

No change.

8.75.9 EQUIPMENT LIST

8.75.9.1.1 Burner Frame Compatibility

Table 6 lists the compatible burner load frames for each basket type. The burner load frames are divided into two categories:

Applicable Burner Frames (specific):

These are frames design specifically to fit a given basket type.

Applicable Burner Frames (with Assembly check):

These are structurally and dimensionally similar frames which have been designed for similar baskets that incorporate minor design changes (e.g. additional restraint lugs, offset crossbar, changed rod socket angles etc.). These frames may only be combined with the listed basket after an assembly check by a competent person (normally an inspector).

Table 6: Baskets

Basket Cat.	Drawing Number	Basket Description	Applicable Cylinders	Applicable Burner Frames (specific)	Applicable Burner Frames (with Assembly check)
C	CB3759	Sportlite 2 Compact	1a, 1, 2	CB855, CB871, CB925, CB2203(FI), CB2224(FI), CB2231(FI), CB2598 (FI), CB2650, CB2652, CB2857(FI), CB2995, Concept (CB994, CB2000), CB8927†, BA-152-A-002 (LBL)**	CB2203, CB2224, CB2226-1, CB2231, CB2598, CB2857, CB8810, CB8811, CB8820, CB8821, CB8864, CB8894, CB8902, CB8903, CB8905
D	CB3764	Sportlite 3 Compact	1a, 1, 2	CB855, CB871, CB925, CB2203, CB2224, CB2231, CB2598, CQ2018, CQ2028	CB2643, CB2650, CB2652, CB2665, CB2857, CB2874, CB8810, CB8811, CB8820, CB8821, CB8864, CB8894, CB8902, CB8903, CB8905
D	CB3769	Sportlite 4 Compact	1a, 1, 2		

NOTE: Baskets have their part number and serial number engraved on one of the stub tubes where the burner support rods locate. For further information contact Cameron Balloons Ltd.

Burner Frames: ** LBL= Lindstrand. Burner frame part numbers may be appended -1, -2 etc according to detail differences such as fixed/flexi corner brackets.

† = Burner frame requires non-standard burner rods. Contact Cameron Balloons for more information.