

The technical content of this document is approved under the authority of DOA ref. EASA. 21J.140 (C750)

8.31 LITE BASKET

8.31.1 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 1 of this supplement consists of 4 pages. Supplement 7.31 to Maintenance Manual Issue 10 is required to ensure continued airworthiness.

8.31.2 LIMITATIONS

No change.

8.31.3 EMERGENCY PROCEDURES

No change.

8.31.4 NORMAL PROCEDURES

8.31.4.2.2 Basket Rigging

With the basket upright, place the fuel cylinder in position, engaging the "U" Bolt in the hook and tighten the restraining straps around the lower half of the fuel cylinders.

Continue to fit the upper poles and burner in the usual way, connecting the suspension wires to the burner frame by use of karabiners. Fit the pole covers, enclosing the fuel hoses as necessary and connect the hoses to the cylinders.

8.31.4.2.2 Disassembly

Disassembly is an obvious reverse of the step above.

8.31.4.3 INFLATION

Pre-Inflation Checklist

Cylinders Check the U-bolt is securely attached to the cylinder, and that the U-bolt and cylinder guard ring are free from distortion or cracking.

8.31.5 WEIGHT CALCULATIONS

No change.

8.31.6 BALLOON AND SYSTEMS DESCRIPTION**8.31.6.5.7 Lite Basket**

The Lite basket is a light weight 2 person wicker basket. It includes 2 external snap hooks fixed to the basket top frame which supports externally suspended fuel cylinders, one each side of the passenger compartment.

Details of the applicability and usage of the Lite Basket is given in Table 6.

8.31.7 BALLOON MAINTENANCE, HANDLING AND CARE

No change.

8.31.9 EQUIPMENT LIST**8.31.9.1.1 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 designed 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)
B	CB3037	LITE	See Table 7	CB2118, CB2355, CB2356	-

Table 7: Fuel Cylinders

Cylinder Category	Drawing Number	Cylinder Material	Cylinder Description
1a	CB901	Aluminium	Mini Worthington
1	CB250 *	Aluminium	Worthington 40l
2	CB497 *	Stainless Steel	Stainless Steel 40l
2	CB599 *	Stainless Steel	Stainless Steel 45l
2	CB2385S *	Titanium	Titanium 45l
2	CB2900 *	Duplex Stainless Steel	Duplex 45l
1	CB2990 *	Aluminium	Alugas 50l

***Key:** These cylinders must be fitted with the correct “U” Bolt attachment point as indicated in CB2454 – latest issue.

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