

The technical content of this document is approved under the authority of DOA nr. EASA.21J.140 (C644 Iss. 1)

## 8.48 NANO BASKET

### 8.48.1 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 six pages. Supplement 7.48 (two pages) to Maintenance Manual Issue 10 is required to ensure continued airworthiness.

### 8.48.2 LIMITATIONS

No change.

### 8.48.3 EMERGENCY PROCEDURES

No change.

### 8.48.4 NORMAL PROCEDURES

#### 8.48.4.2 Basket Rigging

##### 8.48.4.2.1 Assembly

Position the padded sides of the Nano basket outside the floor and top frame,

Position the top frame on top of the floor, but slightly offset so that all of the pole sockets in the floor are accessible,

Fit the titanium basket poles into the basket floor,

Fit the basket top frame onto the poles,

Fit and tighten the cross-bracing straps of the basket side walls (short padded section) to the top frame,

Fit the side wall Velcro,

**Note:** Pulling upwards on the basket sidewall as you fit the Velcro achieves a neater fit.

Fit and tighten the cross-bracing straps of the basket end walls (long padded section) to the top frame,

Fit the end wall Velcro to the top frame,

Connect the vertical strips of Velcro that connect the side and end walls together.

Pull the basket wires upwards through the top frame until the wires are tight between the basket frame and the floor.

Fit the cylinder straps.

**Note:** The cylinder straps should pass through the loops on the basket end wall and around the OUTSIDE of the basket poles.

The Fire extinguisher pocket and drop line have “belt loops” on their rear faces to allow them to be mounted on the cylinder straps.

#### 8.48.4.2.2 Disassembly

Remove the cylinder straps, fire extinguisher and drop line (if fitted).

Pull the basket wires downwards so that there is slack wire between the basket top frame and the floor.

Slacken all of the cross-bracing straps.

**Note:** Re-assembly is quicker if the straps are left loosely attached to the basket top frame.

Undo the Velcro joining the padded sides to the top frame and to each other.

Lift the basket top frame off the poles, and remove the poles.

Lower the basket top frame onto the floor folding all of the padded side walls into the middle of the basket.

#### 8.48.4.3 INFLATION

### Pre-Inflation Checklist (Additional)

#### *Nano Basket*

**Eye-Bolts**

Check security of fasteners

**8.48.5 WEIGHT CALCULATIONS**

No change.

**8.48.6 BALLOON AND SYSTEMS DESCRIPTION**

**8.48.6.5.6 Nano Basket**

The Nano basket is a collapsible basket with an upper frame, rigid floor assembly and Cordura side-walls (padded). Details of the applicability and usage of the Nano basket is given in Table 6.

**8.48.7 BALLOON MAINTENANCE, HANDLING AND CARE**

No change.

**8.48.9 EQUIPMENT LIST**

**8.48.9.1.1 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)
C	CB3595	Nano (O)	1a, 1, 2	CB855, CB871, CB925, CB2203(Fl), CB2224(Fl), CB2231(Fl), CB2598 (Fl), CB2650, CB2652, CB2857(Fl), CB2995, Concept (CB994,CB2000), BA-152-A-002 (LBL)**	CB2203, CB2224, CB2231, CB2598, CB2857, CB8810, CB8811, CB8820, CB8821, CB8864,CB8894, CB8902, CB8903, CB8905

\* Key: O = Open;

Burner Frames: Fl = Flexi-corner burner frame only; \*\* LBL= Lindstrand.

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