

The technical content of this document is approved under the authority of DOA ref. UK.21J.0140 (C823)

8.21 SPECIAL BASKETS

8.21.1 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 33 of this supplement consists of eight pages. Supplement 7.21 to Maintenance Manual Issue 10 is required to ensure continued airworthiness where baskets are fitted with Easy Access doors.

8.21.2 LIMITATIONS

No change.

8.21.3 EMERGENCY PROCEDURES

No change.

8.21.4 NORMAL PROCEDURES

8.21.4.4 TAKE-OFF

8.21.4.4.1 Pre-Take-off Checks

Pre-Take-Off Checklist (Additional)

Basket

Basket Door: Upper and lower catches secure,
(where fitted) basket trim secure.

OR

Locking pin inserted through all six locking loops (three pairs). Pin restraining lanyard attached.

8.21.5 WEIGHT CALCULATIONS

No change.

8.21.6 BALLOON AND SYSTEMS DESCRIPTION

8.21.6.5.6 Special Baskets

In addition to standard baskets, various special (one-off, customer requested modifications or out of production) basket designs are available. Details of the applicability and usage of these baskets is given in Table 6.

8.21.6.5.6.1 Easy-Access Basket Doors

To facilitate the entry/exit of passengers/ cylinders, baskets can be equipped with a door.

The door is either secured by two catches (at the upper and lower frames); or by a metal locking pin inserted vertically through three pairs of locking loops at the door and door frame.



▲ Easy-Access Basket

8.21.7 BALLOON MAINTENANCE, HANDLING AND CARE

No change.

8.21.9 EQUIPMENT LIST

8.21.9.1.1 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) |
|-------------|----------------|---------------------|----------------------|---|---|
| B | CB3018 | VOYAGER | 1a, 1, 2 | CB871, CB855 | |
| B | CB3116 | VOYAGER 11 | 1a, 1, 2 | CB2235, CB2358, CB2533, CB2859 | |
| B | CB3380 | Lite | 1a, 1 | CB2620 | |
| B | CB3096 | Compact | 1a, 1, 2 | CB855, CB871, CB925 | |
| B | CB3651 | C-60LW | 1a, 1, 2, 3 | CB855, CB871, CB935, CB2203(FI), CB2226(FI), CB2227(FI) | CB2203, CB2226, CB2227 |
| C | CB3144 | 56-65 O Flat | 1a, 1, 2, 3 | CB855, CB871, CB925, CB2203(FI), CB2224(FI), CB2231(FI), CB2598 (FI), CB2643, CB2665, CB2857(FI), CB2874 | CB2203, CB2224, CB2231, CB2598, CB2650, CB2652, CB2857, CB2995, CB8810, CB8810, CB8811, CB8820, CB8821, CB8864, CB8894, CB8902, CB8903, CB8905, Concept (CB994, CB2000), BA-152-A-002 (LBL)** |
| C | CB301-2 | | | | |
| C | CB301-9 | | | | |
| C | CB814 | | | | |
| C | CB660 | | | | |
| C | CB3449 | | | | |
| C | CB994 | C-60 | 1a, 1, 2, 3 | CB855, CB871, CB925, CB2203(FI), CB2224(FI), CB2231(FI), CB2598 (FI), CB2650, CB2652, CB2857(FI), CB2995, Concept (CB994, CB2000), BA-152-A-002 (LBL)** | CB2203, CB2224, CB2231, CB2598, CB2857, CB8810, CB8811, CB8820, CB8821, CB8864, CB8894, CB8902, CB8903, CB8905 |
| C | CB3267 | C-60 "Dante" | | | |
| C | CB3649 | Sportlite 2 | | | |
| C | CB3699 | Sportlite 2 | 1a, 1, 2, 3 | CQ2087 | |
| C | CB3455 | C-60 (Special) | 1a, 1, 2, 3 | CB2956 | |
| C | CB8000 | 56-65 O | 1a, 1, 2, 3 | CB8810, CB8811, CB8820, CB8821, CB8864, CB8894, CB8902, CB8903, CB8905 | CB2203, CB2224, CB2231, CB2598, CB2650, CB2652, CB2857, CB2995, Concept (CB994, CB2000), BA-150-A-001 (LBL)**, BA-151-A-001 (LBL)**, BA-152-A-002 (LBL)** |
| C | CB8005 | 56-65 H O | | | |
| C | CB8010 | 56-65 O | | | |
| C | CB8016 | 56-65 H O | | | |
| C | CB8047 | 56-65 O | | | |
| C | CB8054 | | | | |
| C | CB8075 | | | | |
| C | CB3327 | Voyager III | 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 |
| C | CB3448 | Voyager III-H | 1a, 1, 2, 3 | | |
| D | CB3033 | C-80 | | | |
| D | CB3652 | Sportlite 4 | | | |
| D | CB3665 | Sportlite 3 | | | |
| D | CB301-3 | 77-84 O | | | |
| D | CB301-4 | | | | |
| D | CB3046 | | | | |
| D | CB3093 | 77-84 H O | | | |
| D | CB3497 | 77-84 H O | | | |
| D | CB3173 | 77-84 O | | | |
| D | CB3572 | 77-84 H O | | | |
| D | CB869 | 77-84 O | | | |
| D | CB8021 | 77-84 O | 1a, 1, 2, 3 | CB8810, CB8811, CB8820, CB8821, CB8864, CB8894, CB8902, CB8903, CB8905 | CB2203, CB2224, CB2231, CB2598, CB2650, CB2652, CB2857, CB2995, Concept (CB994, CB2000), BA-150-A-001 (LBL)**, BA-151-A-001 (LBL)**, BA-152-A-002 (LBL)** |
| D | CB8048 | | | | |
| D | CB8055 | | | | |
| D | CB8056 | | | | |
| D | CB8062 | | | | |
| E | CB301-6 | 90-105 H O | 1a, 1, 2, 3 | CB855, CB871, CB925, CB2203, CB2224, CB2231, CB2598, CQ2018, CQ2027 | CB2643, CB2650, CB2652, CB2665, CB2857, CB2874, CB8810, CB8811, CB8820, CB8821, CB8864, CB8894, CB8902, CB8903, CB8905 |
| E | CB947 | | | | |
| E | CB3057 | | | | |
| E | CB3064 | | | | |

* For key see page 7

Table 6: Baskets (continued)

| Basket Cat. | Drawing Number | Basket Description* | Applicable Cylinders | Applicable Burner Frames (specific) | Applicable Burner Frames (with Assembly check) |
|-------------|----------------|---------------------|----------------------|--|--|
| E | CB3085 | 90-105 O | 1a, 1, 2, 3 | CB855, CB871, CB925, CB2203, CB2224, CB2231, CB2309, CB2598, CQ2018, CQ2027 | CB2643, CB2650, CB2652, CB2665, CB2857, CB2874, CB8810, CB8811, CB8820, CB8821, CB8864, CB8894, CB8902, CB8903, CB8905 |
| E | CB3126 | 90-105 H O | | | |
| E | CB3127 | 90-105 H O | | | |
| E | CB3147 | 90-105 O | | | |
| E | CB3156 | 90-105 H O | | | |
| E | CB3204 | 90-105 H O | | | |
| E | CB3207 | 90-105 H O | | | |
| E | CB3214 | 90-105 O | | | |
| E | CB3278 | 90-105 O | | | |
| E | CB3560 | 90-105 O | | | |
| E | CB3605 | 90-105 O | | | |
| E | CB8022 | 90-105 H O | | | |
| E | CB8045 | 90-105 O | 1a, 1, 2, 3 | CB8810, CB8811, CB8820, CB8821, CB8864, CB8894, CB8902, CB8903, CB8905, BA-150-A-001 (LBL)** | CB2203, CB2224, CB2231, CB2598, CB2650, CB2652, CB2857, CB2995 |
| E | CB8051 | 90-105 O | | | |
| E | CB8052 | 90-105 O | | | |
| E | CB8076 | 90-105 H O | | | |
| F | CB8023 | 105-120 H O | 1a, 1, 2, 3 | CB8822, CB8823, CB8824, CB8825, CB8830, CB8831, CB8846, CB8863, CB8865, CQ2002 | CB2203, CB2224, CB2231, CB2598, CB2650, CB2652, CB2857, CB2995 |
| F | CB8044 | | | | |
| F | CB8049 | | | | |
| F | CB8053 | | | | |
| F | CB8060 | | | | |
| F | CB8061 | | | | |
| F | CB8064 | | | | |
| F | CB8067 | | | | |
| F | CB8070 | | | | |
| F | CB8072 | | | | |
| F | CB8227 | 105-120 T | | | |
| G | CB3006 | 120 O | 1a, 1, 2, 3 | CB925 | |
| G | CB3062 | 120 O | 1a, 1, 2, 3 | CB855, CB871, CB925, CB2203, CB2231, CB2273, CB2309, CB2312, CB2540 | CB2293, CB2323, CB2326, CB2364, CB2365, CB2394, CB2410, CB2435, CB2458, CB2464, CB2880 |
| G | CB3062-1 | | | | |
| G | CB3087 | | | | |
| G | CB3243 | | | | |
| G | CB3088 | | | | |
| G | CB3132 | | | | |
| G | CB3136 | | | | |
| G | CB3151 | | | | |
| G | CB3188 | | | | |
| G | CB3244 | | | | |
| G | CB3184 | 120 O | 1a, 1, 2, 3 | CB2410 | |
| G | CB3206 | 120 O | 1a, 1, 2, 3 | CB2293 | |
| G | CB3286 | 120 O | 1a, 1, 2, 3 | CB855, CB871, CB925, CB2203(FL), CB2231(FL), CB2293 | |
| G | CB8070 | 120 O | 1a, 1, 2, 3 | CB8822, CB8823, CB8824, CB8825, CB8830, CB8831, CB8846, CB8863, CB8865, CQ2002 | CB2203, CB2224, CB2231, CB2598, CB2650, CB2652, CB2857, CB2995 |
| G | CB308 | 120 P | 1a, 1, 2, 3 | CB855, CB871, CB925, CB2203, CB2231, CB2293 | CB2323, CB2326, CB2364, CB2365, CB2394, CB2410, CB2435, CB2458, CB2464, CB2880 |
| G | CB310-5A | 120 P | 1a, 1, 2, 3 | CB871, CB855, CB925, CB2309, CB2310 | |
| G | CB867 | 120 P | 1a, 1, 2, 3 | CB855, CB871, CB925, CB2203(FL), CB2231(FL), CB2293 | CB2323, CB2326, CB2364, CB2365, CB2394, CB2410, CB2435, CB2458, CB2464, CB2880 |
| G | CB819 | | | | |
| G | CB950 | 120 P | 1a, 1, 2, 3 | CB697, CB855, CB871, CB925, CB2293, CB2295, CB2323, CB2364, CB2394, CB2870 | |

* For key see page 7

Table 6: Baskets (continued)

| Basket Cat. | Drawing Number | Basket Description* | Applicable Cylinders | Applicable Burner Frames (specific) |
|-------------|----------------|---------------------|----------------------|---|
| G | CB3231 | 120P | 1a, 1, 2, 3 | CB697, CB855, CB871, CB925, CB2293, CB2295, CB2323, CB2364, CB2394 |
| G | CB3135 | | | |
| G | CB3150 | | | |
| G | CB3153 | | | |
| G | CB3541 | | | |
| G | CB3555 | | | |
| G | CB3009 | 120 T | 1a, 1, 2, 3 | CB855, CB925, CB2309, CB2312 |
| G | CB3022 | | | CB697, CB2293, CB2295, CB2364 |
| G | CB3025 | | | CB2078 (FL), CB2102(FL), CB2273(FL), CB2365(FL), CB2435(FL), CB2870(FL), CB2880(FL), CQ2055(FL) |
| G | CB3056 | | | CB855, CB925 |
| G | CB3068 | | | CB2174 |
| G | CB3130 | | | CB855, CB925, CB2293, CB2295 |
| H | CB986 | 140T | 1a, 1, 2, 3 | CB983 |
| H | CB3000 | | | |
| H | CB3007 | | | |
| H | CB3091 | | | |
| H | CB3340 | | | CB697, CB2174, CB2078, CB2102, CB2365, CB2435, CB2540 |
| H | CB8201 | | | CB2921 |
| H | CB3537 | | | CB8824, CB8825, CB8831 |
| H | CB3688 | | | CB2648, CB2470 |
| H | CB992 | | | CB983, CB2263, CB2264 |
| I | CB302-1 | 160-180 T | 1a, 1, 2, 3 | CB983, CB2263, CB2264, CB2470 |
| I | CB943 | | | CB430, CB2100 |
| I | CB3175 | | | CB2415, CB2445 |
| I | CB8202 | | | CB2415, CB2445 |
| I | CB8244 | | | CB2339, CB8827, CB8833, CB8841 |
| I | CB8203 | | | CB8826, CB8836 |
| I | CB8280 | | | CB2339, CB8827, CB8833, CB8841 |
| I | CB8245 | | | CB2339, CB8827, CB8833, CB8841 |
| I | CB755 | 160-180 TT | 1a, 1, 2, 3 | CB8826, CB8836 |
| I | CB8282 | 8 Pax TT | 1a, 1, 2, 3 | CB2420, CB2411, CB2261 |
| I | CB802 | 180-210 T | 1a, 1, 2, 3 | AO/BF 1 /3200/A |
| I | CB862 | 160-180 T | 1a, 1, 2, 3 | CB803 |
| I | CB3187 | | | CB2268, CB2881, CB2267 |
| I | CB3505 | | | CB2415 |
| J | CB302-2 | | | CB2634 |
| J | CB624 | 180-210 T | 1a, 1, 2, 3 | CB726, CB2591 |
| J | CB860 | | | CB622 |
| J | CB977 | | | CB2888, CB2262 |
| J | CB8232 | 180-210 TT | 1a, 1, 2, 3 | CB726 |
| J | CB8247 | | | CB8826, CB8832, CB8840 |
| J | CB8257 | 210 T | 1a, 1, 2, 3 | CB8826, CB8832, CB8840 |
| J | CB8260 | | | CB8828, CB8836 |
| J | CB3027 | | | CB8828, CB8836 |
| J | CB3585-1 | | | CB2097 |
| J | CB3073 | | | CQ2024 |
| J | CB3232 | 180-210 TT | 1a, 1, 2, 3 | CB2420, CB2411, CB2261 |
| J | CB3084 | | | CB2420, CB2411, CB2261 |
| J | CB8204 | | | CB2420, CB2411, CB2261 |
| J | CB8205 | 180-210 T | 1a, 1, 2, 3 | CB8827, CB8833, CB8828, CB8836 |
| L | CB3020 | 250 T | 1a, 1, 2, 3 | CB8827, CB8833, CB8828, CB8836, CB2475 |
| L | CB3075 | | | CB726 |
| L | CB3196 | | | CB2190 |
| | | | | CB2419 |

Table 6: Baskets (continued)

| Basket Cat. | Drawing Number | Basket Description* | Applicable Cylinders | Applicable Burner Frames (specific) |
|-------------|----------------|---------------------|----------------------|---------------------------------------|
| L | CB3250 | 250 T | 1a, 1, 2, 3 | CB2505 |
| L | CB3257 | 250 T | 1a, 1, 2, 3 | CB2505 |
| L | CB3274 | 210-250 T | 1a, 1, 2, 3 | CB2528 |
| L | CB3333 | | 1a, 1, 2, 3 | CB726, CB2262 |
| L | CB3625 | | 1a, 1, 2, 3 | CB2281 |
| L | CB3305 | | 250 T | 1a, 1, 2, 3 |
| L | CB3543 | 250 T | 1a, 1, 2, 3 | CB726, CB2262, CB2888 |
| M | CB3017 | 250 TT | 1a, 1, 2, 3 | CB970 |
| M | CB3097 | | | CB2197 |
| M | CB3139 | | | CB2050, CB2250, CB2283, CB2303 |
| M | CB3157 | | | CB2382 |
| M | CB3263 | | | CB2050, CB2250, CB2283, CB2303 |
| M | CB3642 | | | CB2050, CB2250, CB2283, CB2303 |
| M | CB3545 | | | CB2613, CB2614 |
| M | CB3525 | 250TTS | 1a, 1, 2, 3 | CB750, CB2261, CB2371, CB2411, CB2420 |
| M | CB3528 | | | CB2613, CB2614 |
| M | CB8207 | 250 TT | 1a, 1, 2, 3 | CB8832, CB8835 |
| M | CB8208 | 250 TT | 1a, 1, 2, 3 | CB8842, CB8843, CB8840 |
| M | CB8235 | 250 TT L | 1a, 1, 2, 3 | CB8832, CB8835, CB8840 |
| M | CB8270 | | | CB8832, CB8835, CB8840 |
| M | CB8229 | | | CB8832, CB8835, CB8840 |
| N | CB3182 | | | 275 TT Os |
| N | CB3209 | 275 TT L | 1a, 1, 2, 3 | CB2427, CB2450 |
| O | CB3077 | 300 TT S | 1a, 1, 2, 3 | CB2191 |
| O | CB3032 | 300 TT S | 1a, 1, 2, 3 | CB2050, CB2250, CB2283, CB2303 |
| O | CB3079 | 300-315 TT | 1a, 1, 2, 3 | CB2192 |
| O | CB3120 | 300-315 TT | 1a, 1, 2, 3 | CB2144 |
| O | CB3100 | 300-315 TT | 1a, 1, 2, 3 | CB2144 |
| O | CB3394 | 300TT S | 1a, 1, 2, 3 | CB2447, CB2269 |
| O | CB3121 | 300 TT S | 1a, 1, 2, 3 | CB2447 |
| O | CB3134 | 300 TT | 1a, 1, 2, 3 | CB2144, CB2271 |
| O | CB3167 | 300-315 TT | 1a, 1, 2, 3 | CB2390 |
| O | CB3225 | 300 TT | 1a, 1, 2, 3 | CB2457 |
| O | CB8209 | 300 TT | 1a, 1, 2, 3 | CB8842, CB8843 |
| O | CB3482 | 350 TT | 1a, 1, 2, 3 | CB2192, CB2274, CB2418, CB2562 |
| O | CB8240 | 350 TT L | 1a, 1, 2, 3 | CB8842, CB8843 |
| O | CB3670 | 12/16 Pax TTS | 1a, 1, 2, 3 | CB2192, CB2274, CB2418, CB2562 |
| P | CB3707 | 20 Pax TT | 1a, 1, 2, 3 | CB2144, CB2259, CB2271 |
| P | CB3194 | 400 TT | 1a, 1, 2, 3 | CB2192, CB2274, CB2418, CB2562 |
| Q | CB3219 | 400-410 TT | 1a, 1, 2, 3 | CB2192, CB2274, CB2418, CB2562 |
| Q | CB3224 | | | CB2192, CB2274, CB2418, CB2562 |
| Q | CB3236 | | | CB2192, CB2274, CB2418, CB2562 |
| Q | CB3412 | | | 425 TT |
| Q | CB8252 | 400 - 410 TT | 1a, 1, 2, 3 | CB8842, CB8843 |
| Q | CB3355 | 450TTS | 1a, 1, 2, 3 | CB2192, CB2274, CB2418, CB2562 |
| Q | CB3671 | 16/20 Pax TTS | 1a, 1, 2, 3 | CB2192, CB2274, CB2418, CB2562 |
| Q | CB3720 | 16/20 Pax TT Wide | 1a, 1, 2, 3 | CQ2099 |
| R | CB3672 | 20/24 Pax TTS | 1a, 1, 2, 3 | CQ2064, CB2957 |
| R | CB3700 | 28 Pax TTS | 1a, 1, 2, 3 | CQ2090 |
| R | CB3501 | 500TTS | 1a, 1, 2, 3 | CB2957, CQ2064 |
| R | CB3640 | 500TTS | 1a, 1, 2, 3 | |
| R | CB3490 | 600TTS | 1a, 1, 2, 3 | CB2953 |

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.

* **Key:** H= Hi-Spec; L= Asymmetric pilot compartment; O = Open; P= single partition; T = T partition; TT = double T partition; Os = offset; D = designed for use in Germany; S = Safari (tough terrain); W = wheelchair access; Fl = Flexi-corner burner frame only;

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

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