Record of Amendments

Amendment Number	Description	Pages Affected	Date	Approval
8	Record of Amendments updated, List of effective pages updated, Section 2: 2.10 Abiguity for 340 000 corrected Section 9: Burner Frame CB2371 added to basket CB754. Supplement 8.1: Colt Beer Glass, Colt Flying Kiwi and Super FMG-100 Special Shape added. Supplement 8.21: CB3157 Description corrected, CB947 and CB3505 added, burner frame CB2269 added to basket CB3394	i-v, i-vii, 2-4, 9-6, Supp 8.1: All, Supp 8.21: All,	14:07:2010	Approved by EASA under Approval Number 10030936

Note: Any new or amended text in the revised page will be indicated by a black vertical line in the right hand margin, and the Amendment Number and the date will be shown at the bottom of the page.

Intentionally Blank Page

List of Effective Pages

Section	Page	Date	Section	Page	Date
i	i-i	31 July 2008	4	4-15	29 April 2010
	i-ii	10 April 2006	(cont)	4-16	29 April 2010
	i-iii	03 March 2008		4-17	29 April 2010
	i-iv	29 April 2010		4-18	29 April 2010
	i-v	14 July 2010		4-19	29 April 2010
	i-vi	10 April 2006		4-20	29 April 2010
	i-vii	14 July 2010		4-21	Deleted
	i-viii	29 April 2010		4-22	Deleted
	i-ix	Deleted		4-23	Deleted
	i-x	Deleted		4-24	Deleted
	i-xi	29 April 2010		4-25	Deleted
	i-xii	29 April 2010		4-26	Deleted
	i-xiii	29 April 2010		4-27	Deleted
	i-xiv	29 April 2010		4-28	Deleted
	i-xv	29 April 2010			
	i-xvi	29 April 2010	5	5-1	29 April 2010
				5-2	10 April 2006
1	1-1	31 July 2008		5-3	10 April 2006
	1-2	31 July 2008		5-4	29 April 2010
	1-3	10 April 2006		5-5	29 April 2010
	1-4	10 April 2006		5-6	17 December 2007
2	2-1	29 April 2010	6	6-1	25 June 2009
	2-2	31 July 2008		6-2	25 June 2009
	2-3	29 April 2010		6-3	10 April 2006
	2-4	14 July 2010		6-4	29 April 2010
	2-5	29 April 2010		6-5	29 April 2010
	2-6	25 June 2009		6-6	10 April 2006
	2-7	29 April 2010		6-7	10 April 2006
	2-8	10 April 2006		6-8	10 April 2006
				6-9	10 April 2006
3	3-1	29 April 2010		6-10	17 December 2007
	3-2	29 April 2010		6-11	17 December 2007
	3-3	10 April 2006		6-12	10 April 2006
	3-4	10 April 2006		6-13	10 April 2006
	3-5	10 April 2006		6-14	10 April 2006
	3-6	10 April 2006			
			7	7-1	17 December 2007
4	4-1	29 April 2010		7-2	17 December 2007
	4-2	29 April 2010		7-3	17 December 2007
	4-3	29 April 2010		7-4	17 December 2007
	4-4	29 April 2010			
	4-5	29 April 2010	8	8-1	31 July 2008
	4-6	29 April 2010		8-2	31 July 2008
	4-7	29 April 2010			
	4-8	29 April 2010	9	9-1	29 April 2010
	4-9	29 April 2010		9-2	25 June 2009
	4-10	29 April 2010		9-3	29 April 2010
	4-11	29 April 2010		9-4	29 April 2010
	4-12	29 April 2010		9-5	29 April 2010
	4-13	29 April 2010		9-6	14 July 2010
	4-14	29 April 2010		9-7	10 April 2006

Section	Page	Date	Section	Page	Date
9	9-8	31 July 2008			
Appendices	A1-1 / A1-2	10 April 2006			
	A2-1 / A2-2	31 July 2008			
	A3-1 / A3-2	10 April 2006			
	A4-1 / A4-2	10 April 2006			
	A5-1 / A5-2	29 April 2010			
	A5-3 / A5-4	29 April 2010			

2.6 SAFETY EQUIPMENT (MINIMUM EQUIPMENT)

The following minimum equipment must be carried:

1. Protective gloves must be available to the pilot.
2. Matches or other independent means of ignition in addition to any igniters built into the burner.
3. A Halon 1211 or powder fire extinguisher of minimum size 1kg and conforming to EN3.
4. A rate of climb and descent indicator (variometer) where required (R efer to Section 2.10) .
5. An envelope temperature indicator which may either be of the continuous reading type or a type which gives a warning signal.
6. A time piece.

All minimum equipment must be functional.

2.7 CREW

1. The minimum crew is one pilot.
2. The maximum number of occupants (consisting of crew and passengers) is determined by Sections 2.8, 2.9 and 2.15 below.

2.8 ENVELOPE TEMPERATURE AND LOADING

1. The envelope temperature must not exceed 120°C, (250°F).
2. The envelope temperature must be controlled either by use of the envelope thermometer, or by loading according to the loading chart in Section 5.

2.9 WEIGHT RANGE

1. The take-off Mass (TOM) of the balloon must never exceed the Maximum TOM (MTOM) shown in table 1. The applicability of the MTOM, either Standard or Reduced is given on page i-i.
2. If it is desired, for operational or insurance reasons, to alter the MT OM of the balloon, either the Standard or Reduced MTOM, appropriate to the balloon model, may be selected. These permitted MTOM values are shown in Section 2 Table 1. The MTOM in use must be entered as an amendment on page i.i and used for loading calculations.

3. For balloons of 105,000 cu. ft (2975 m^3) and above, the Minimum Landing Mass (MLM) for normal operation must not be less than 50% of the Standard MT OM. For special flights, record attempts etc., with only necessary crew on board, lower masses may be used at the pilot's discretion.

2.10 RATES OF CLIMB AND DESCENT

2.10.1 Conventionally Shaped Balloons (excluding TR Types)

1. For balloons with a volume of 105,000 cu.ft or less, extreme rates of climb, sufficient to cause a relative wind at basket level, should be avoided unless an envelope temperature gauge is fitted.

2. The maximum rate of climb and descent for balloons with a volume of greater than 105,000 cu.ft and less than 340,000 cu.ft is 1000 ft/min (5 m/sec).

3. The maximum rate of climb and descent for balloons with a volume of between 340,000 and 600,000 cu.ft is 800 ft/min (4m/sec).

2.10.2 TR Type Balloons

1. The maximum rate of climb and descent for 'TR' Type balloons is 1700 ft/min (8.5m/sec), except where the RDS is fitted, when the maximum rates of climb and descent are limited to 1000 ft/min (5 m/sec).

2.11 PARACHUTE VALVE

1. The parachute valve must not be held open for periods longer than 3 seconds during flight. The envelope must be allowed to re-inflate fully and the envelope mouth must be seen to be fully open before subsequent operations of the vent.

2. 'TR' Type balloons must not have the parachute valve opened at rates of descent greater than 500ft/min (2.5m/sec).

2.12 RAPID DEFLATION SYSTEMS

1. The parachute valve of the rapid deflation system, when used for the controlled release of hot air during flight, must not be held open for periods longer than 3 seconds. The envelope must be allowed to re-inflate fully between operations of the vent.

2. Use of the rip line is not permitted at heights greater than 2m (6ft) above ground level, except in an emergency.

2.13 DELETED

Table 6 - Baskets

Basket Category	Drawing Number	Basket Description*	Applicable Cylinders	Applicable Burner Frames
A	CB8320	HOPPER	1, 2, 3	-
A	CB8310	SINGLE AIRCHAIR	4	SINGLE AIRCHAIR
B	CB8340	DUO AIRCHAIR	5	DUO AIRCHAIR
B	CB3116	VOYAGER 11	1, 2	CB2235, CB2358, CB2533
B	CB3037	LITE	1	CB2356
B	CB310-1A	31 - 42 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB871
C	CB300-2A	56 - 65 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB871,
C	CB310-2A	56 - 65 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB871
C	CB3050-2	56 - 65 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
C	CB3115-2	56 - 65 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
C	CB3011-2A	56 - 65 H O	1a, 1, 2, 3	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB925, CB2665
C	CB3023-2	56 - 65 H O	1a, 1, 2, 3	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB925, CB2665
C	CB3011-2B	56 - 65 H O	1a, 1, 2, 3	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB925, CB2665
C	CB3051	C 60 / 70 O	1a, 1, 2	CB2203, CB2598, CB2562, CB2224, CB2560, CB2231, CB2874, CB2226
D	CB300-3A	77 - 84 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB871
D	CB310-3A	77 - 84 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB871
D	CB3050-3	77 - 84 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
D	CB3115-3	77 - 84 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
D	CB3011-3A	77 - 84 H O	1a, 1, 2, 3	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
D	CB3023-3	77 - 84 H O	1a, 1, 2, 3	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
D	CB3011-3B	77 - 84 H O	1a, 1, 2, 3	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
D	CB3052	C 80 / 90 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
D	CB8012	65 - 77 O	1a, 1, 2	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
D	CB8017	65 - 77 H O	1a, 1, 2, 3	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
D	CB8001	65 - 77 O	1a, 1, 2	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
D	CB8006	65 - 77 H O	1a, 1, 2, 3	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
D	CB8013	77 - 90 O	1a, 1, 2	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
D	CB8018	77 - 90 H O	1a, 1, 2, 3	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
D	CB8002	77 - 90 O	1a, 1, 2	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
D	CB8007	77 - 90 H O	1a, 1, 2, 3	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
E	CB300-4A	90 - 105 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB871
E	CB310-4A	90 - 105 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB871
E	CB3050-4	90 - 105 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
E	CB3115-4	90 - 105 O	1a, 1, 2	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226
E	CB3011-4A	90 - 105 H O	1a, 1, 2, 3	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB925
E	CB3023-4	90 - 105 H O	1a, 1, 2, 3	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB925
E	CB3011-4B	90 - 105 H O	1a, 1, 2, 3	CB2598, CB2224, CB2203, CB2231, CB2874, CB2226, CB925
E	CB8014	90 - 105 O	1a, 1, 2	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
E	CB8019	90 - 105 H O	1a, 1, 2, 3	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
E	CB8003	90 - 105 O	1a, 1, 2	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
E	CB8008	90 - 105 H O	1a, 1, 2, 3	CB8810, CB8811, CB8020, CB8021, CB8902, CB8903, CB8894, CB8821
F	CB3320	105 - 120 P W	1a, 1, 2	CB3321, CB3322
F	CB8015	105 - 120 O	1a, 1, 2	CB8822, CB8823, CB8824, CB8825, CB8830, CB8831
F	CB8020	105 - 120 H O	1a, 1, 2, 3	CB8822, CB8823, CB8824, CB8825, CB8830, CB8831
F	CB8004	105 - 120 O	1a, 1, 2	CB8822, CB8823, CB8824, CB8825, CB8830, CB8831
F	CB8009	105 - 120 H O	1a, 1, 2, 3	CB8822, CB8823, CB8824, CB8825, CB8830, CB8831
F	CB8200	105 - 120 T	1a, 1, 2, 3	CB8822, CB8823, CB8824, CB8825, CB8830, CB8831

* For key see page 9-6

Table 6 - Baskets (continued)

Basket Category	Drawing Number	Basket Description*	Applicable Cylinders	Applicable Burner Frames
G	CB303	120 - 133 O	1a, 1, 2, 3	CB2309, CB2312
G	CB3238	120 - 133 P	1a, 1, 2, 3	CB2470, CB2468
G	CB3233	120 - 133 T	1a, 1, 2, 3	CB2470, CB2468
H	CB991	140 T	1a, 1, 2, 3	CB2264, CB2263
H	CB3060	140 T W	1a, 1, 2, 3	CB2266, CB2265
H	CB3376	140 T	1a, 1, 2, 3	CB2264, CB2263
H	CB8266	120 - 160 T	1a, 1, 2, 3	CB8900, CB8901
I	CB3310	160 - 180 T	1a, 1, 2, 3	CB2590, CB2591
I	CB8206	180 - 210T	1a, 1, 2, 3	CB8826 CB8832, CB8840
J	CB754	180 - 210 TT	1a, 1, 2, 3	CB2420, CB2411, CB2261, CB2371
K	CB3164	210 TT Os	1a, 1, 2, 3	CB2250, CB2303
L	CB3314	210 - 250 T	1a, 1, 2, 3	CB2505, CB2592
L	CB3081	210 - 250 TT W	1a, 1, 2, 3	CB2260, CB2304
M	CB3004	250 TT	1a, 1, 2, 3	CB2250, CB2303
M	CB971	250 TT D	1a, 1, 2, 3	CB2260, CB2304
M	CB3387	250TT	1a, 1, 2, 3	CB2613, CB2614
N	CB3200	275 TT Os	1a, 1, 2, 3	CB2427, CB2447
O	CB3042	300 TT	1a, 1, 2, 3	CB2270, CB2258
O	CB3040	300 TT D	1a, 1, 2, 3	CB2271, CB2259
O	CB3049	300 TT S	1a, 1, 2, 3	CB2272, CB2269
O	CB3235	300 TT	1a, 1, 2, 3	CB2390
O	CB3223	300 TT S	1a, 1, 2, 3	CB2427, CB2447
O	CB8250	350 TT	1a, 1, 2, 3	CB8842, CB8843
O	CB3360	350 TT	1a, 1, 2, 3	CB2418
P	CB3205	400 TT S	1a, 1, 2, 3	CB2418
Q	CB3288	400 - 410 TT S	1a, 1, 2, 3	CB2418
R	CB3370	600 TT S	1a, 1, 2, 3	CB2376

*** 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 .