Record of Amendments

Amendment Number	Description	Pages Affected	Date	Approval
16	Table 4 moved to Page i-iii and renamed Table 1. Tables 1,2,3 renumbered as 2,3,4. Sirocco burner deleted from 6.3.10 and 6.3.11. Cameron 'V' (Viva), Cameron 'GP', Colt 'A', Thunder Series I and Thunder Series II deleted from 6.2 and Table 5. Paragraph 3.8 wording revised.	i-iii to i-viii, i-xi to i-xx, 1-2, 2-3, 2-4, 2-6, 2-7, 3-3, 5-1, 5-2, 5-4 to 5-6, 6-1, 6-8, 6-9, 9-3, 9-4, 9-7, 9-8, A3-1, A3-2, Supp 8.12: All, Supp 8.22: All	14:03:2018	Approved under the authority of DOA nr EASA.21J.140
	Cameron 'Sport' type added to 6.2, Sport-50, Sport-60, Sport-70, Sport-80, Sport-90 added to Table 5.	6-1, 9-2	14:03:2018	Approved by EASA under Approval Number 10025916
	TR-65 16 gore added to 6.2. TR-65 added to Table 5.	6-1, 9-2	14:03:2018	Approved by EASA under Approval Number 10064545
17	Limitation 2.10.1 revised	i-xi, i-xiii, 2-4	12:11:2020	Approved by EASA under approval number 10074820

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.

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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 hand fire extinguisher.

4. A rate of climb and descent indicator (variometer) where required (Refer 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. For baskets having a separate pilot compartment, there must be a suitable restraint for the pilot.

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 2. 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 MTOM 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 2. The MTOM in use must be entered as an amendment on page i.i and used for loading calculations. The MTOM change must be notified to the relevant National Aviation Authority, if their regulations require this.

3. The Minimum Landing Mass (MLM) for normal operation is given in Table 2.

4. 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 140,000 cu.ft. or less. If a rate of climb instrument is not fitted, rates of climb sufficient to cause a relative wind at basket level, must be avoided. If a rate-of-climb indicator (variometer) is fitted the maximum rate of climb is 1000 ft/min (5 m/sec). Cold descents are permitted.

2. The maximum rate of climb and descent for balloons with a volume of greater than 140,000 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 750,000 cu.ft is 800 ft/min (4 m/sec).

2.10.2 TR Type Balloons

1. The maximum rate of climb and descent for 'TR' Type balloons is 1700 ft/min (8.5 m/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 500 ft/min (2.5 m/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 2 m (6 ft) above ground level, except in an emergency.

2.13 DELETED