

The technical content of this document is approved under the authority of DOA nr. EASA.21J.140 (C642 Iss. 1)

8.45 SHADOW MINI BURNER

8.45.1 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 two pages and incorporates previously approved data for the original MKIV Mini burner which is identical. Throughout the supplement the term "Shadow Mini" also applies to the MKIV Mini. here are no additional continued air-worthiness instructions associated with this supplement.

8.45.2 LIMITATIONS

8.45.2.4 Minimum burner Requirements

1. A Shadow Mini burner may only be used with envelopes of volumes up to and including 84,000 cu.ft. (2379 m³).

8.45.3 EMERGENCY PROCEDURES

No change

8.45.4 NORMAL PROCEDURES

No change.

8.45.5 WEIGHT CALCULATIONS

No change.

8.45.6 BALLOON AND SYSTEMS DESCRIPTION

8.45.6.3.20 Shadow Mini Burner

The Shadow Mini Burner uses the same dual feed manifold block as the Shadow Single burner mated to a scaled down can and coil assembly.

8.45.7 BALLOON MAINTENANCE, HANDLING AND CARE

No change.

8.45.9 EQUIPMENT LIST

Table 8: Burners (additional)

Burner Category	Drawing Number	Burner Description
A	CB2233	Burner Assembly, Shadow Mini, Single, Fixed Height
A	CB2538	Burner Assembly, Shadow Mini, Single, Removable
A	CB2570	Burner Assembly, Shadow Mini, Single, Removable (Obs)
A	CB2577	Burner Assembly, Shadow Mini, Single, Removable (Special)

Note:

1. Shadow Mini burners have their pilot light configuration denoted, with the following drawing numbers being appended with -1 for vapour, -2 for liquid or -3 for mixed vapour and liquid.