

The technical content of this document is approved under the authority of DOA nr. EASA.21J.140 (C810)

8.43 OVERFILL PROTECTION DEVICE (OPD)

8.43.1 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 2 of this supplement consists of two pages.

There are no additional continued airworthiness requirements associated with this supplement.

8.43.2 LIMITATIONS

No change.

8.43.3 EMERGENCY PROCEDURES

No change.

8.43.4 NORMAL PROCEDURES

8.43.4.9.3 Refuelling: Overfill Protection Device

The cylinder is filled through the OPD with all other valves shut. The OPD will shut-off automatically when the cylinder is 80% full. The OPD safety cap (yellow) should be refitted after each filling.

Once the cylinder has been filled, the FLLG shall be briefly opened to check the liquid level in the cylinder.

8.43.5 WEIGHT CALCULATIONS

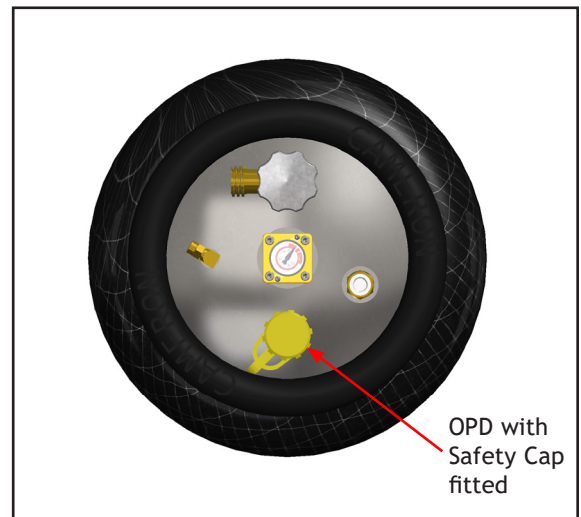
No change.

8.43.6 BALLOON AND SYSTEMS DESCRIPTION

8.43.6.4.7 Overfill Protection Device

Cylinders can be fitted with a overfill protection device (OPD) to allow them to be filled without opening the Fixed Liquid Level Gauge (FLLG or Bleed Valve).

The OPD has a 1¼ ACME thread inlet thread and can be fitted to the unused boss on standard configuration Duplex cylinders CB2901/CP2902 / CB2903.



▲ Fig 1: Cylinder with OPD fitted

8.43.7 BALLOON MAINTENANCE, HANDLING AND CARE

No change.

8.43.9 EQUIPMENT LIST

No change.