

Approved by EASA under Approval Number 10038169

### **8.30 ENVELOPE LASER DISPLAY SYSTEM**

#### **8.30.1 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.

Supplement 7.30 (two pages) to Maintenance Manual Issue 10 is required to ensure continued airworthiness.

This system projects a laser graphic display on to the inside of the balloon envelope.

The laser must be operated and maintained in accordance with the manufacturers Operating Manual.

#### **8.30.2 LIMITATIONS**

##### **8.30.2.7 CREW**

4. The occupants of the basket shall be limited to persons involved in the safe operation of laser system and the safe operation of the balloon.

##### **8.30.2.18 LASER SYSTEM**

1. The laser system must only be used during tethered flight.
2. The laser projection area must be constructed of white fabric and load tapes.
3. The use of the laser system must be recorded in the aircraft log book.
4. Any envelope in which the laser has been used must be considered as not airworthy until it has been inspected in accordance with Maintenance Manual Supplement 7.30.6.2.
5. The generator must be mounted so that the fuel cut-off is accessible to the operator.

**8.30.3 EMERGENCY PROCEDURES**

No change

**8.30.4 NORMAL PROCEDURES****8.30.4.3.2 Basket Rigging**

The generator mounting plate is strapped to the inside of the basket. The generator exhaust must be fed through the basket wall by the shortest route possible, and the exhaust must not pass within 100 mm of any fuel cylinder.

The case containing the laser equipment must be strapped to the basket sidewall.

**8.30.5 WEIGHT CALCULATIONS**

No change.

**8.30.6 BALLOON AND SYSTEMS DESCRIPTION**

No change.

**8.30.7 BALLOON MAINTENANCE, HANDLING AND CARE**

No change.

**8.30.9 EQUIPMENT LIST**

No change.