Approved by EASA under Approval Number 10038169

8.26 SHADOW / STEALTH ELECTRIC (SOLENOID VALVE) BURNERS

8.26.1 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 7.26 (two pages) to Maintenance Manual Issue 10 is required to ensure continued airworthiness.

8.26.2 LIMITATIONS

8.26.2.3 FUEL

The system is designed to operate over the recommended pressure range of the burner (3 bar to 10 bar). Caution should be exercised at the extremes of the operating range as the response time will increase.

Electric operation is intended for cruise only and must not be used during inflation, take-off or landing.

8.26.3 EMERGENCY PROCEDURES

8.26.3.10 Burner Failure

Should the solenoid valve fail to operate or leak, close the ball valves upstream and downstream to completely isolate it and revert to manual burner operation.

8.26.4 NORMAL PROCEDURES

No change.

8.26.5 WEIGHT CALCULATIONS

No change.

8.26.6 BALLOON AND SYSTEMS DESCRIPTION

8.26.6.3 BURNER

8.26.6.3.9 Shadow and Stealth Solenoid Burners

The burner can be operated via a simple hand held control box containing a rechargeable battery. This powers a solenoid valve allowing operation of either or both burner units. Ball valves upstream and downstream can be set to direct the flow or completely isolate the solenoid valve to allow manual burner operation.

8.26.7 BALLOON MAINTENANCE, HANDLING AND CARE

No change.

8.26.9 EQUIPMENT LIST

TABLE 8: BURNERS

Burner Category	Drawing Number	Burner Description
B	CB2433	Shadow Double, Solenoid Valve
B	CB2251	Shadow/Stealth Double, Solenoid Valve