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8.26 SHADOW / STEALTH ELECTRIC (SOLENOID VALVE) BURNERS

8.26.1 GENERAL INFORMATION

Issue 1 of this supplement has two pages.

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

This supplement was originally approved by UK.CAA as Supplement 14 to Flight Manual, Issue 9 on 15 January 2003.

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 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

No change.

7.26 SHADOW / STEALTH ELECTRIC (SOLENOID VALVE) BURNERS

7.26.1 GENERAL

No change.

7.26.2 ENVELOPE REPAIRS

No change.

7.26.3 BASKET REPAIRS

No change.

7.26.4 FUEL SYSTEM REPAIRS

No change.

7.26.5 INSTRUMENT REPAIRS

No change.

7.26.6 INSPECTION SCHEDULE

7.24.6.13 BURNER AND FUEL SYSTEM		
6.	Shadow Stealth Electric Burner- Check operation of burner using solenoid valve.	
7.	Shadow Stealth Electric Burner- Check solenoid valve for leaks	

7.26.6.17.3 Burner And Frame

Burner functional check-- Check the burner for correct operation of the solenoid valve. Check the solenoid valve for leaks.

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