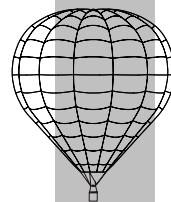


## 9.21 FLIGHT MANUAL SUPPLEMENT – MK21 BURNER, VAPOUR PILOT VALVE OPTION



### 9.21.1 General Information

This supplement details the instructions and limitations necessary to ensure the safe operation, maintenance and continued airworthiness of the Ultramagic MK 21 Burner when fitted with the Vapour Pilot Valve option.

When fitted, the Vapour Pilot Valve replaces the standard pilot regulator valve, located in the side of the burner valve block. Fuel is supplied to the valve via a dedicated hose connected to a regulator mounted on the fuel cylinder. The flow of fuel to the pilot light may be enabled or disabled by operating the ball valve fitted to the assembly inlet.

The vapour pilot valve may be seen in Figure 1.

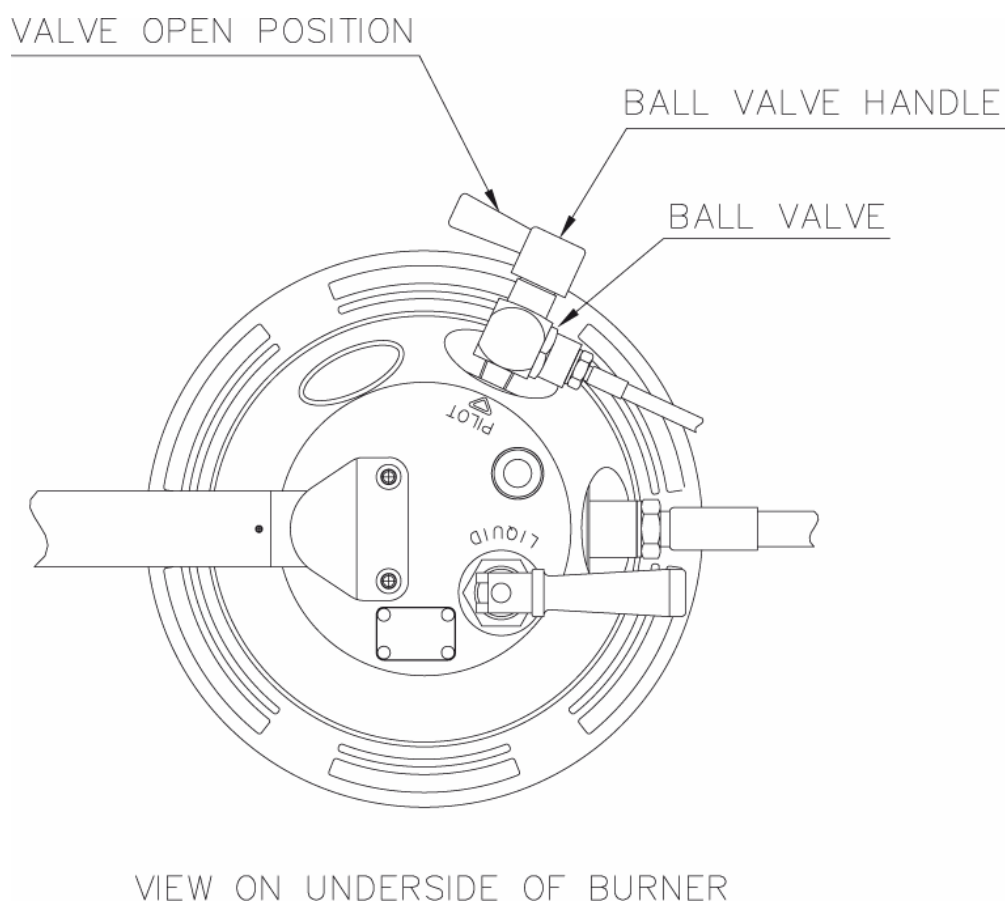


Figure 1

### 9.21.2 Operational Limitations

When using the Vapour Pilot Valve, do not pressurise the fuel cylinder with nitrogen or any other gas.

### 9.21.3 Emergency Procedures

No change.

### 9.21.4 Normal Procedures

To enable or disable the flow of fuel to the pilot light, rotate the ball valve handle in the appropriate direction. To ignite the pilot light, operate the ball valve handle to the valve ON position and use the piezo igniter in the usual fashion. To extinguish the pilot light, rotate the ball valve handle to the OFF position.

### 9.21.5 Loading

No change.

### 9.21.6 Balloon and Systems Description

No change.

### 9.21.7 Balloon Maintenance, Handling and Care

No change.

### 9.21.8 Other Manufacturers Equipment

No change.

