

**Operations Group Chairman Factual Report**  
**Attachment 4 - Emergency Procedures - Fuel System**

*WPR09MA159*

### 3.17 FUEL SYSTEM

#### 3.17.1 LOW FUEL PRESSURE

**Indication:** FUEL PRESS CAWS CAUTION

- |               |                                     |
|---------------|-------------------------------------|
| 1. Power      | Reduce to minimum to sustain flight |
| 2. Fuel pumps | ON                                  |

**NOTE**

Monitor the fuel state if the LH and RH FUEL PUMPS are set continuously on. If necessary, set the FUEL PUMPS on the emptier side to AUTO.

If FUEL PRESS caption remains ON:

- |             |                          |
|-------------|--------------------------|
| 3. Aircraft | Land as soon as possible |
|-------------|--------------------------|

Retain glide capability to landing area if possible.

**NOTE**

Fuel low pressure will normally cause the fuel pumps to come on automatically.

In this case the Indication are both FUEL PUMPS running continuously, cycling OFF/ON every 10-15 secs.

L FUEL PUMP	R FUEL PUMP
-------------	-------------

- |               |  |
|---------------|--|
| 4. Fuel Pumps | ON   |
| 5. Aircraft   | Descent to warmer air:<br>(A possible cause is the fuel filter blocked with <b>ice crystals</b> ). |

#### 3.17.2 FUEL PUMP FAILURE

**Indication:** No FUEL PUMP advisory when fuel pump(s) ON.

- |   |       |
|---|-------|
| 1. Fuel pump(s)   | AUTO  |
| 2. FUEL PUMP LH circuit breaker<br>(Battery busbar)     | Reset |
| 3. FUEL PUMP RH circuit breaker<br>(Generator 1 busbar) | Reset |
| 4. Fuel pump(s)   | ON    |
| 5. L and R FUEL PUMP advisory                           | Check |

**SECTION 3  
EMERGENCY PROCEDURES**



6. Fuel pump(s) AUTO

If not successful monitor fuel state. For fuel imbalance refer to 3.17.3.

**3.17.3 AUTO FUEL BALANCING FAILURE**

**Indication:** EIS analogue fuel gauges indicate 3 segments or more difference between left and right without automatic activation. Possibly aileron deflection required for wings level flight, especially at low speed.

- |                            |  |
|----------------------------|--|
| 1. Fuel Pump (fuller side) | ON   |
| 2. Fuel state              | Monitor. If difference cannot be balanced, land as soon as practical |
| 3. When fuel balanced      | Fuel Pump AUTO   |

**3.17.4 SUSPECTED FUEL LEAK**

- |   |         |
|---|---------|
| 1. Fuel pump (on leaking side)                                    | ON      |
| 2. FUEL PUMP CB (on good side)<br>(Battery or Generator 1 busbar) | Pull    |
| 3. Fuel state   | Monitor |

Land as soon as practical.

**3.17.5 LOSS OF FUEL QUANTITY INDICATION**

**Indication:** EIS display goes blank.

The automatic fuel balancing system will be inoperative.

Land as soon as practical.