

### 03.121 TCCS Fan Dampener Assembly Rate Change (03. ECLSS)

#### OBJECTIVE:

To modify the airflow rate of the Fan Dampener Assembly (FDA) on the Trace Contaminant Control Subassembly (TCCS) panel.

#### EQUIPMENT:

PPE safety glasses  
PPE Kobalt work gloves  
PPE static wrist tether  
Orange caution cone

#### NOTE

The TCCS Fan Dampener Assembly (FDA) has variable speeds. It can be used to increase or decrease air flow throughout the Environmental Control and Life Support System (ECLSS) during nominal and off-nominal operations.

L1D Subf

#### 1. MODIFY TCCS FDA AIRFLOW RATE

- 1.1 Don PPE gloves and safety glasses
- 1.2 Remove floor panel 1D and temp stow.

FDA Pump Power Dial



**Figure 1.** Fan Dampener Assembly (FDA) Pump

- 1.3 Place orange caution cone next to open work area L1D subfloor to warn other crewmembers.

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- 1.4 Don static wrist tether and attach to any unpainted metallic surface.
- 1.5 Call MCC to verify airflow rate change.
- 1.6 Based on MCC direction, turn FDA Pump Power Dial counterclockwise to **“increase”** or clockwise to **“decrease”** airflow.
- 1.7 Replace floor panel 1D and safely latch.
- 1.8 Doff gloves, glasses, and stow all equipment including orange caution cone.