

**For Questions: Call Mike Reynolds 253-222-7086**

**Purpose:** The purpose of this test is to provide a method for the ATU to check the respective connections to the ship side systems. When power is applied, the ATU will “sniff” each pin and report the pin or system status on the SD card.

**SD Card Location:** The SD card is located on the side of the ATU within the narrow slot in the enclosure. Remove the SD card by depressing the card and allowing it to snap back. Remove with tweezers or another tool. Replace the SD card by placing in SD card holder and depressing in, with small snap back.

Test and Results																			
Date: _____ Aircraft N: _____ ATU SN: _____	<b>SAMPLE ONLY. Contact us for specific tests for your</b> . . .																		
<ol style="list-style-type: none"> <li>1. Aircraft Power Off _____</li> <li>2. Put the 1.5V battery in the C-39 (pin G+ F-) connector _____ (see Figure 1 below)</li> <li>3. Activate Bucket open switch _____ (keep holding switch)</li> <li>4. Apply aircraft power _____</li> <li>5. Wait about 60 seconds _____ Release switch</li> <li>6. Shut off power _____</li> <li>7. Remove SD card _____ Place into computer SD card reader. Go to the last entry in the excel file</li> </ol>																			
<p><b><u>DATA ON SD CARD (format may vary)</u></b></p> <p>Column A: Power On Test and Software MOD Number                      Column B: Pin C state 0 = open, 1=GND                      Column C: C-39 voltage (will read voltage applied to C-39 shown below 1.5V applied)                      Column D: Bucket Door State: 1=OPEN, 0=CLOSED                      Column E: Spider Handshake: 1=PASS, 0=FAIL</p>																			
<table border="1" style="width: 100%; border-collapse: collapse; background-color: #f2f2f2;"> <thead> <tr> <th style="width: 5%;"></th> <th style="width: 20%;">A</th> <th style="width: 15%;">B</th> <th style="width: 15%;">C</th> <th style="width: 15%;">D</th> <th style="width: 15%;">E</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">PWR ON TEST SW: MODXXX</td> <td style="text-align: center;">Pin C:1</td> <td style="text-align: center;">Volts:1.5</td> <td style="text-align: center;">Door:1</td> <td style="text-align: center;">Spider:1</td> </tr> <tr> <td style="text-align: center;">2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			A	B	C	D	E	1	PWR ON TEST SW: MODXXX	Pin C:1	Volts:1.5	Door:1	Spider:1	2					
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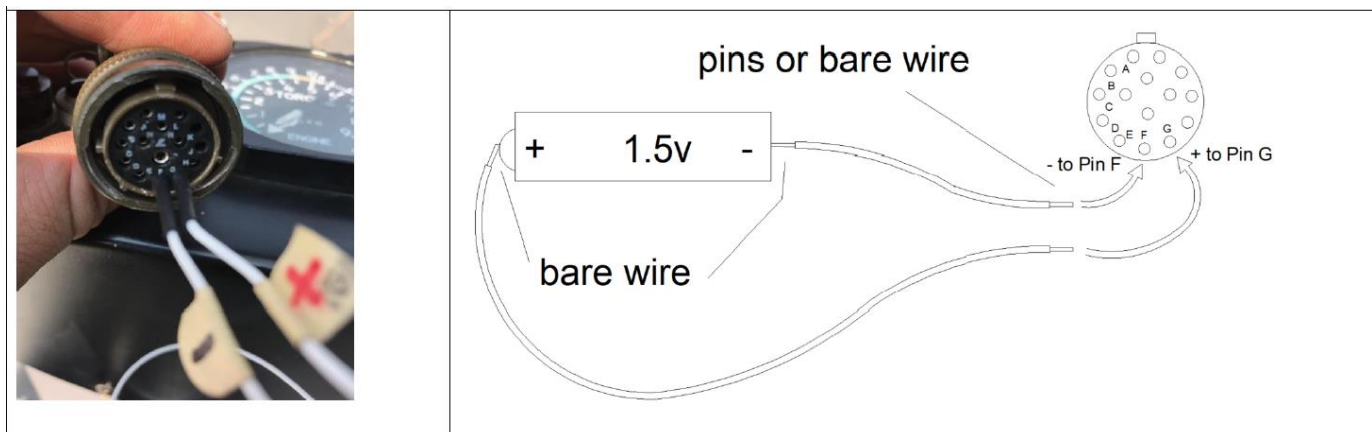


Figure 1