

**FRCSE DETMAY T-62T-40-1 PRE-START, SHUTDOWN AND EMERGENCY PROCEDURES CHECKLIST**

<b>T-62T-40-1 PRE-START CHECKLIST</b>	<b>OPER</b>	<b>CDI</b>
NOTE: Perform preliminary runs in accordance with engine manual A1-580QA-240-000 prior to an actual engine start.		
1. Perform Pre-Ops on test stand and handling cart.		
2. Take fuel samples on fuel skid.		
3. Check fuel level on fuel skid.		
4. Open junction box door(will not start if closed).		
5. Check outside of engine for fuel or oil leaks and for missing or broken bolts and nuts.		
6. Check engine inlet and exhaust for foreign object damage (FOD).		
7. Be sure engine mounts/ brakes on stand are secured and locked.		
8. Be sure all accelerometers, brackets, and leads are correctly positioned and are secure.		
9. Check that the right time converter for the specific APU is inside test cell.		
10. Check that the correct EIP is installed for specific APU.		
11. Check that the correct ESU is installed for specific APU.		
12. Verify/ cal the accelerometer gage (VIB A) to specific APU.		
13. Ensure channel numbers are correct on calculating counter.		
14. Verify and record APU hours and events on run sheet before first start.		
15. Verify a current inspection is complete on APU fire system bottle.		
16. Verify that the test cell equipment attached to the APU is secure. (Lines, generator, cannon plugs, clamps and starter).		
17. Check oil level and, if necessary, add oil.		
18. Perform a FOD walk down of the test facility, noting everything that is found. To ensure prevention of micro foreign object damage, thoroughly spray down the test stand surrounding area with water.		
19. Ensure all tools are accounted for, and tool boxes and/ or other containers have been moved clear of the line of sight from control cab to engine test stand.		
20. Press and release ENGINE START button to initiate start sequence.		
<b>T-62T-40-1 SHUTDOWN CHECKLIST</b>	<b>OPER</b>	<b>CDI</b>
1. On auxiliary controls panel, press FIRE DOOR CLOSE switch/indicator. Audible signal will sound		
2. Press ANNUNCIATOR ACKNOWLEDGE switch to silence audible signal.		
3. Open all circuit breakers on circuit breaker panel except I & C RM and MAIN POWER circuit breakers.		
4. Open door at power module, open circuit breaker, close door.		
5. Close exhaust door on load bank.		

<b>T-62T-40-1 EMERGENCY SHUTDOWN CHECKLIST</b>	<b>OPER</b>	<b>CDI</b>
<p><b>NOTE: An Emergency Shutdown occurs when the emergency shut down button on console 2 is pressed. When the emergency shut down button is pressed:</b></p>		
<p><b>1. Turn the fuel off switch to shut down fuel.</b></p>		
<p><b>2. Verify that the Fuel on lamp is extinguished.</b></p>		
<p><b>3. Verify that the APU shut down lamp is illuminated.</b></p>		
<p><b>4. Verify that the ESU on lamp is extinguished.</b></p>		