

## MIRCS Operators Mod 7 PMCS

Block #	Title	Text/Narration
M07.3	<b>Before PMCS – Transport Mode</b>	<p><b>Before PMCS – Transport Mode</b></p> <p>If any of the following conditions are not met, the equipment is unavailable or not ready. Not performing Before PMCS during Transport Mode may cause frequent shutdowns and alarms, delaying the start of MA operations.</p>
M07.3a	Before PMCS– Transport Mode > Fuel System	<p>Check the fuel tank, fuel pump, fuel/water separator, and fuel hoses for evidence of leakage. Class II or higher leakage is not acceptable.</p> <p>Check for adequate supply of fuel (JP-8) in the fuel tank as follows:</p> <ul style="list-style-type: none"> <li>• Loosen the two 1/4-turn fasteners and open the refrigeration service access door.</li> <li>• Position the RUN/STOP switch to the outboard RUN position.</li> <li>• Release the two latches and open the door on the RU enclosure.</li> <li>• On the RU control panel, position the FUEL LEVEL switch to ON.</li> <li>• Verify the fuel level indicator reads at least ¼ full (approximately 12-gallons).</li> <li>• On the RU control panel, position the FUEL LEVEL switch to OFF only if you are not going to run the RU.</li> <li>• Close the RU enclosure door and secure with two latches.</li> <li>• Position the RUN/STOP switch to the inboard STOP position only if you are not going to run the RU.</li> <li>• Close the refrigeration service access door and secure with two ¼-turn fasteners.</li> </ul> <p>Verify fuel cap is screwed on tight.</p>

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M07.3b	Before PMCS– Transport Mode > RU	<ul style="list-style-type: none"> <li>• Check for the presence of water in the engine fuel/water separator bowl.</li> <li>• Check the engine fuel lines for evidence of leakage. Class II or higher leakage is not acceptable.</li> <li>• Check the coolant level in the overflow tank. Refer to Operator Maintenance (Module 8).</li> <li>• Check the engine and radiator coolant hoses and connections for evidence of leakage. Class II or higher leakage is not acceptable.</li> <li>• Check the engine oil level. Refer to Operator Maintenance (Module 8).</li> <li>• Check the engine for evidence of oil leakage. Class I or higher leakage is not acceptable.</li> <li>• Ensure the air cleaner intake is not blocked with debris.</li> <li>• Ensure the radiator/condenser fins are not bent over or blocked with debris.</li> <li>• Ensure the engine access door and control box access door are closed and secured.</li> <li>• Ensure the front grill, side panels, and cover are not blocked with debris.</li> </ul> <p><b>NOTE</b> There are two exhaust pipe extensions included with the MIRCS. The long extension is used for normal operations. The short extension is only for intermodal transport or transport operations in NATO countries.</p> <ul style="list-style-type: none"> <li>• Unless already completed, install the exhaust pipe extension on the muffler. Ensure the flapper is positioned to open rearward.</li> </ul>
M07.3c	Before PMCS– Transport Mode > RU Control Enclosure	<ul style="list-style-type: none"> <li>• Ensure the door is closed and secured.</li> </ul>
M07.3d	Before PMCS– Transport Mode > Battery	Ensure cover and battery box is secured.
M07.3e	Before PMCS– Transport Mode > 2-1/2 Gal Condensate Waste Container	<ul style="list-style-type: none"> <li>• Ensure the condensate waste container is empty or less than ¼ full.</li> <li>• Ensure the waste container is secure and the drain hose is attached.</li> </ul>
M07.3f	Before PMCS– Transport Mode > Hydraulic System	<ul style="list-style-type: none"> <li>• Check the manual pump, reservoir, valves, and hydraulic lines for evidence of leakage. Class II or higher leakage is not acceptable.</li> <li>• Check the cylinders and hydraulic hoses for evidence of leakage. Class II or higher leakage is not acceptable.</li> </ul>
M07.3g	Before PMCS– Transport Mode > Work Platforms	<ul style="list-style-type: none"> <li>• Ensure the platforms are fully stowed and the catches are engaged.</li> <li>• Ensure the two side locks are fully engaged in each platform.</li> </ul>

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M07.3h	Before PMCS – Transport Mode > Ramps	<ul style="list-style-type: none"> <li>• Ensure the platforms are fully stowed and the catches are engaged.</li> <li>• Ensure the two side locks are fully engaged in each platform.</li> </ul>
M07.4.7	Before PMCS– Transport Mode > Generator Supports	<ul style="list-style-type: none"> <li>• Ensure the generator supports are secured to the ISO frame and the QC pins are installed.</li> </ul>
M07.3k	Before PMCS– Ground Mode >	<p><b>Before PMCS – Ground Mode</b></p> <p>If any of the following conditions are not met, the equipment is unavailable or not ready. Not performing Before PMCS during Ground Mode may cause frequent shutdowns and alarms, delaying the start of MA operations.</p>
M07.4	Before PMCS– Ground Mode > 2-Fuel System	<p>Check the fuel tank, fuel pump, fuel/water separator, and fuel hoses for evidence of leakage. Class II or higher leakage is not acceptable.</p> <p>Check for adequate supply of fuel (JP-8) in the fuel tank as follows:</p> <ul style="list-style-type: none"> <li>• Loosen the two 1/4-turn fasteners and open the refrigeration service access door.</li> <li>• Position the RUN/STOP switch to the outboard RUN position.</li> <li>• Close and the refrigeration service access door and secure with two ¼-turn fasteners.</li> <li>• Release the two latches and open the door on the RU enclosure.</li> <li>• On the RU control panel, position the FUEL LEVEL switch to ON.</li> <li>• Verify the fuel level indicator reads at least ¼ full (approximately 12-gallons).</li> <li>• On the RU control panel, position the FUEL LEVEL switch to OFF only if you are not going to run the RU.</li> <li>• Close the RU enclosure door and secure with two latches.</li> </ul> <p>Verify fuel cap is screwed on tight.</p>

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Block #	Title	Text/Narration
M07.4.1	Before PMCS– Ground Mode > RU	<ul style="list-style-type: none"> <li>• Check for the presence of water in the engine fuel/water separator bowl.</li> <li>• Check the engine fuel lines for evidence of leakage. Class II or higher leakage is not acceptable.</li> <li>• Check the coolant level in the overflow tank. . Refer to Operator Maintenance (Module 8).</li> <li>• Check the engine and radiator coolant hoses and connections for evidence of leakage. Class II or higher leakage is not acceptable.</li> <li>• Check the engine oil level. Refer to Operator Maintenance (Module 8).</li> <li>• Check the engine for evidence of oil leakage. Class I or higher leakage is not acceptable.</li> <li>• Ensure the air cleaner intake is not blocked with debris.</li> <li>• Ensure the radiator/condenser fins are not bent over or blocked with debris.</li> <li>• Ensure the engine access door and control box access door are closed and secured.</li> <li>• Ensure the front grill, side panels, and cover are not blocked with debris.</li> </ul> <p><b>CAUTION</b> The flapper on the exhaust pipe must not be positioned against the direction of travel. Otherwise, the wind will prevent the flapper from opening. This will prevent exhaust from flowing freely and cause internal engine damage.</p> <p><b>NOTE</b> There are two exhaust pipe extensions included with the MIRCS. The long extension is used for normal operations. The short extension is only for intermodal transport or transport operations in NATO countries.</p> <ul style="list-style-type: none"> <li>• Unless already completed, install the exhaust pipe extension on the muffler. Ensure the flapper is positioned to open rearward.</li> </ul>
M07.4.2	Before PMCS– Ground Mode > 2-Battery	<ul style="list-style-type: none"> <li>• Ensure the cover and battery box are secured.</li> </ul>
M07.4.3	Before PMCS– Ground Mode > 2-1/2 Gal Condensate Waste Container	<ul style="list-style-type: none"> <li>• Ensure the condensate waste container is empty or less than ¼ full.</li> <li>• Ensure the waste container is secure and the drain hose is attached.</li> </ul>
M07.4.4	Before PMCS– Ground Mode > Waste Plumbing	<ul style="list-style-type: none"> <li>• Ensure each waste container is empty or hold less than 1-gallon.</li> <li>• Check the drain hoses for proper connections at the waste ports and waste container.</li> <li>• Verify manual valves are open.</li> <li>• Verify full indicators are installed in waste containers and vent caps are installed in T-fittings.</li> </ul>

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Block #	Title	Text/Narration
M07.4.5	Before PMCS – Ground Mode > On-Board Generator or Electrical Supply	<ul style="list-style-type: none"> <li>• Ensure the generator is fully deployed and secured with straps and QC pin.</li> <li>• Check the fuel hose for damage and proper connections at ISO frame and generator.</li> <li>• Check the fuel leakage at hose connections. Class II or higher leakage is not acceptable.</li> <li>• Check the pigtail or power cable for damage and proper connections at MIRCS and power source.</li> <li>• Check the ground wire for proper connections at ISO frame and ground rod.</li> <li>• Ensure the external electrical power is available.</li> </ul>
M07.4.6	Before PMCS– Ground Mode > Water Supply	<ul style="list-style-type: none"> <li>• Ensure the four manual drain valves are closed.</li> <li>• Verify that supply hoses are not damaged and are connected at MIRCS supply port, external water pump, and water source.</li> <li>• Ensure the external water pump is not damaged, drain valve is closed, and primer port cap is installed.</li> <li>• Ensure the electrical cable is not damaged and is properly connected at the external water pump and ECU enclosure.</li> <li>• Check for at least 50-gallons of water at the external water supply.</li> </ul>
M07.4.7	Before PMCS– Ground Mode > ECU	Check condenser air inlet and outlet screens for debris.
M07.4.8	Before PMCS – Ground Mode > ECU Exhaust Duct	<ul style="list-style-type: none"> <li>• Ensure the exhaust duct screen is not blocked with debris.</li> </ul>
M07.4.9	Before PMCS – Ground Mode > ECU Inlet Filter	<ul style="list-style-type: none"> <li>• Ensure the inlet filter is not blocked with debris and is secured to AA platform.</li> </ul>
M07.4.10	Before PMCS– Ground Mode > ECU Outside Air Duct	<ul style="list-style-type: none"> <li>• Ensure the inlet air duct is properly connected at inlet filter and ECU inlet port.</li> <li>• Ensure the inlet duct is properly secured with straps.</li> </ul>
M07.4.11	Before PMCS– Ground Mode > ISO Frame	<ul style="list-style-type: none"> <li>• Verify ISO frame is level and bubbles are inside the indicating marks on the levels.</li> </ul>
M07.4.12	Before PMCS– Ground Mode > Leveling Jacks	<ul style="list-style-type: none"> <li>• Ensure the leveling jacks are engaged with the corner fittings and key holes.</li> </ul>
M07.4.13	Before PMCS– Ground Mode > PA Platform	<ul style="list-style-type: none"> <li>• Ensure the supports are secured to the platform and are contacting ground.</li> </ul>
M07.4.14	Before PMCS > AA Platform	<ul style="list-style-type: none"> <li>• Ensure the supports are secured to the platform and are contacting ground.</li> </ul>

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M07.4.15	Before PMCS– Ground Mode > Ramp	<ul style="list-style-type: none"> <li>• Ensure the top ramp section is secured to the platform and threshold is flipped over into vestibule.</li> <li>• Ensure the mortises and tenons on all ramp sections used are fully seated into each other and QC pins are installed.</li> </ul>
M07.4.16	Before PMCS– Ground Mode > Temporary Remains Holding Shelter	<ul style="list-style-type: none"> <li>• Ensure the stakes are fully inserted into the ground.</li> <li>• Ensure the guy ropes are tight.</li> </ul>
M07.5.05	During and After PMCS	If any of the following conditions are not met, the equipment is unavailable or not ready. Not performing During and After PMCS will cause system errors resulting in delays in MIRCS operations. This will cause you to work longer hours.
M07.5.1	During and After PMCS > RU	<p><b>NOTE</b> The checks listed here should be performed after starting the RU when operating in Transport Mode or Ground Mode.</p> <ul style="list-style-type: none"> <li>• Audibly check operation of the engine.</li> <li>• Check for evidence of coolant, fuel, and oil leakage. Class II or higher leakage is not acceptable.</li> <li>• Ensure the temperature reading on the RU control panel is changing.</li> </ul>
M07.5.2	During and After PMCS > ECU	<ul style="list-style-type: none"> <li>• Audibly check operation of the ECU.</li> <li>• Ensure temperature reading on the thermostat is moving towards selected setting.</li> </ul>
M07.5.3	During and After PMCS > Fuel Hose	<ul style="list-style-type: none"> <li>• Check for evidence of fuel leakage. Class II or higher leakage is not acceptable.</li> </ul>
M07.5.4	During and After PMCS > AA Soft Wall	<ul style="list-style-type: none"> <li>• Ensure the zippers and flaps on the end walls are closed.</li> <li>• Ensure the window is closed.</li> <li>• Ensure the partition wall is sandwiched between layers of the soft wall and secured.</li> <li>• Ensure the ventilation screens are clear and not blocked with debris.</li> <li>• Check the partition curtain door for proper travel.</li> <li>• Ensure the support rods are properly seated in the receptacles and secured with straps.</li> </ul>

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M07.5.5	During and After PMCS > Supply Area Curtain Door	<ul style="list-style-type: none"> <li>• Ensure the curtain track is secured to the frame with QC pins.</li> <li>• Check the curtain door for proper travel in both directions.</li> </ul>
M07.5.6	During and After PMCS > Administrative Area	<ul style="list-style-type: none"> <li>• Ensure ventilation grills are not blocked with debris.</li> <li>• Ensure all light cables and power cords are routed properly and do not obstruct movement within work area or create a trip hazard.</li> </ul>
M07.5.7	During and After PMCS > Water Plumbing	<ul style="list-style-type: none"> <li>• Ensure the water piping drain valve is closed.</li> <li>• Ensure the drain valve on the water heater is closed.</li> <li>• Ensure the hot and cold levers on the sink faucet are closed.</li> <li>• Ensure the utility faucet lever is closed.</li> </ul>
M07.5.8	During and After PMCS > Soap Dispenser	<ul style="list-style-type: none"> <li>• Check for adequate supply of soap.</li> </ul>
M07.5.9	During and After PMCS > MA Supplies	<ul style="list-style-type: none"> <li>• Check for an adequate stock of MA supplies. There should be enough supplies to perform 16 processing operations.</li> </ul>
M07.5.10	During and After PMCS > Fire Extinguisher	<ul style="list-style-type: none"> <li>• Inspect the fire extinguisher for damage.</li> <li>• Check for correct charge level and expiration date.</li> </ul>
M07.5.11	During and After PMCS > Exhaust Grille	<ul style="list-style-type: none"> <li>• Ensure the exhaust grille is not blocked with debris.</li> </ul>
M07.5.12	During and After PMCS > PA soft wall	<ul style="list-style-type: none"> <li>• Ensure the zippers and flaps on the end walls are closed.</li> <li>• Ensure the window is closed.</li> <li>• Ensure the support rods are properly seated in the retainers and secured with straps.</li> </ul>
M07.5.13	During and After PMCS > Processing Area	<ul style="list-style-type: none"> <li>• Ensure the ventilation grilles are not blocked with debris.</li> <li>• Ensure the light cables and power cords are properly routed and do not obstruct movement within work area or create a trip hazard.</li> <li>• Ensure the utility hose is rolled-up and is not creating a trip hazard.</li> </ul>
M07.5.14	During and After PMCS > Waste Drain	<ul style="list-style-type: none"> <li>• Ensure the trough is clear to allow the waste flow to the drain port.</li> </ul>

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M07.5.15	During and After PMCS > RSU Doors	<ul style="list-style-type: none"> <li>• Ensure the doors are closed and latches are engaged.</li> </ul>
M07.5.16	During and After PMCS > Mobile Processing Platforms (MPPs)	<ul style="list-style-type: none"> <li>• Check cylinders and hydraulic hoses for leakage. Class II or higher leakage is not acceptable.</li> <li>• Check that the MPP moves up and down.</li> <li>• Check the reservoir level.</li> <li>• Check the wheel brakes.</li> </ul>
M07.5.17	During and After PMCS > Waste Containers	<ul style="list-style-type: none"> <li>• Every four processing operations, ensure the waste containers are not full.</li> </ul>
M07.5.18	During and After PMCS > Fuel Supply	<ul style="list-style-type: none"> <li>• At shift change, check for an adequate supply of fuel. Fuel level should be at least ¼ full (approximately 12-gallons).</li> </ul>
M07.5.19	During and After PMCS > Water Supply	<ul style="list-style-type: none"> <li>• At shift change, check for an adequate supply of water. Water supply should be at least 50 gallons.</li> </ul>
M07.5.20	During and After PMCS > Administrative and Vestibule Area	<ul style="list-style-type: none"> <li>• At shift change, police the work space and check that the lights work.</li> </ul>
M07.5.21	During and After PMCS > Processing Area	<ul style="list-style-type: none"> <li>• At shift change, sanitize the work area and check that lights work.</li> </ul>
M07.5.22	During and After PMCS > Supply Area	<ul style="list-style-type: none"> <li>• At shift change, sanitize sink area and check for an adequate supply of soap in the dispenser.</li> </ul>
M07.5.23	During and After PMCS > MA Supplies	<ul style="list-style-type: none"> <li>• At shift change, check for an adequate stock of MA supplies. There should be enough supplies to perform 16 processing operations.</li> </ul>

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M07.6	Periodic PMCS > Daily PMCS:	<p>If any of the following conditions are not met, the equipment is unavailable or not ready. Not performing Periodic PMCS can cause simple problems to become major problems and results in delays in performing MA operations. This will cause you to work longer hours.</p> <p>Periodic PMCS consists of the following:</p> <ul style="list-style-type: none"> <li>• Daily PMCS</li> <li>• Monthly or Post-Deployment PMCS</li> <li>• Quarterly or Post-Deployment PMCS</li> <li>• Semi-Annually of Post-Deployment PMCS</li> <li>• Annually or Post-Deployment PMCS</li> </ul> <p>Remember that, under some unusual environmental conditions certain PMCS tasks need to be done more frequently. <b>[Click to Review]</b></p>
M07.6.1	Periodic PMCS > Daily PMCS: Condensate Waste Container	<ul style="list-style-type: none"> <li>• When operating in both Transport Mode and Ground Mode, check the level in condensate waste containers and empty as necessary. Empty containers if they are more than <math>\frac{3}{4}</math> full.</li> </ul>
M07.6.2	Periodic PMCS > Monthly PMCS: GFCI Receptacles	<p>With system electrical power applied and all MA enclosure light switches ON, perform the following:</p> <ol style="list-style-type: none"> <li>1. At each GFCI receptacle, press the TEST button.</li> <li>2. Plug in a known good light. The light should be off.</li> <li>3. Press the RESET button.</li> <li>4. Ensure the light comes on.</li> </ol>
M07.6.1	Periodic PMCS > Daily PMCS: Condensate Waste Container	<p>Check level in condensate waste; empty as necessary. Equipment is not ready if container is more than <math>\frac{3}{4}</math> full.</p>
M07.6.2	Periodic PMCS > Monthly PMCS: GFCI Receptacles	<p>With system electrical power applied and all MA enclosure light switches ON perform the following:</p> <ol style="list-style-type: none"> <li>1. At each GFCI receptacle press the test button.</li> <li>2. Plug in a known good light. Light should be off.</li> <li>3. Press the reset button.</li> <li>4. Ensure light comes on.</li> </ol> <p>Equipment is not ready if receptacles do not trip or reset when tested.</p>
M07.6.3	Periodic PMCS > Monthly PMCS: ECU Inlet Filter	<ul style="list-style-type: none"> <li>• Clean the roughing filter. Refer to procedure in Operator Maintenance Section (Module 8).</li> </ul>

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M07.6.4	Periodic PMCS > Quarterly PMCS: ECU Inlet Filter	<ul style="list-style-type: none"> <li>Clean the pleated (fine) filter. Refer to procedure in Operator Maintenance Section (Module 8).</li> </ul>
M07.6.5	Periodic PMCS > Semi-Annual PMCS: ECU Re-circulating Filter	<ul style="list-style-type: none"> <li>Replace the pleated filter. Refer to procedure in Operator Maintenance Section (Module 8).</li> </ul>
M07.6.6	Periodic PMCS > Annual PMCS: Grounding Lug	<ul style="list-style-type: none"> <li>Lubricate the grounding lug. Refer to Lubrication Instructions.</li> </ul>
M07.6.7	Periodic PMCS > Annual PMCS: Work Platforms	<ul style="list-style-type: none"> <li>Inspect the exterior wall for cracks and holes. Ensure the panels are not loose.</li> <li>Inspect the seals at the top and bottom edges for cuts or tears.</li> </ul>
M07.6.8	Periodic PMCS > Annual PMCS: Platform Support Legs	<ul style="list-style-type: none"> <li>Inspect the leg attaching points for cracked welds and damage.</li> <li>Check for damaged or missing QC pins. Ensure lanyards are not damaged and are secured to platform.</li> </ul>
M07.6.9	Periodic PMCS > Annual PMCS: Platform Side Locks	<ul style="list-style-type: none"> <li>Lubricate the side locks. Refer to Lubrication Instructions.</li> <li>Ensure the locks thread in and out without binding.</li> </ul>
M07.6.10	Periodic PMCS > Annual PMCS: Soft Wall Support Structure	<ul style="list-style-type: none"> <li>Ensure the support tubes are not bent. Inspect for cracked welds at ends of the tubes. Check security of the tubes to each other and at the ISO frame.</li> <li>Inspect the cables for kinks or fraying. Ensure the protective covering is not cut or split. Ensure the cable connections are secure.</li> <li>Inspect the support rods. Ensure the rods are not bent or cracked. Ensure the front rods slide into the top rods. Ensure the feet are not loose or damaged.</li> </ul>
M07.6.11	Periodic PMCS > Annual PMCS: Soft Walls	<ul style="list-style-type: none"> <li>Inspect the fabric and webbing for holes and tears.</li> <li>Ensure the loop strips and straps are not loose or torn.</li> <li>Inspect for torn or damaged zippers on windows, doors and end walls. Inspect windows for damaged screens.</li> <li>Ensure the retaining rods are secure and there are no signs of leakage between the soft walls and structure.</li> </ul>

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M07.6.12	Periodic PMCS > Annual PMCS: Interior Work Areas	<ul style="list-style-type: none"> <li>• Inspect floors for cuts and tears. Ensure the floor drain grate is not bent and lays flat on the trough.</li> <li>• Inspect the wall panels for cracks or holes. Ensure the panels are not loose.</li> <li>• Inspect the the ventilation grilles for damage and security.</li> <li>• Inspect the electrical outlets for security. Ensure the protective covers are not damaged and gaskets are intact.</li> </ul>
M07.6.13	Periodic PMCS > Annual PMCS: Interior Work Areas	<ul style="list-style-type: none"> <li>• Inspect lights for cracks in the lenses and security of fixtures.</li> <li>• Inspect shelving for bends or surface defects. Verify the loops are not bent or loose.</li> </ul>
M07.6.14	Periodic PMCS > Annual PMCS: RSU	<p><b>WARNING</b> Wastewater generated during MA operations may contain chemical and/or bio-hazardous materials. When sanitizing equipment or maintaining or servicing water plumbing or associated components, personnel must wear impermeable gloves and goggles for protection. Failure to follow this warning may result in serious illness or death.</p> <ul style="list-style-type: none"> <li>• Inspect doors for major dents and surface defects. Ensure doors open and close without binding.</li> <li>• Inspect the seals for cuts and tears. Ensure the latches engage with the frame and doors seal against the frame.</li> <li>• Inspect the removable panel for dents and surface defects. Ensure the seal is tight against the wall and panel is secure.</li> </ul>
M07.6.16	Periodic PMCS > Annual PMCS: RSU	<ul style="list-style-type: none"> <li>• Inspect the interior walls for dents or holes. Ensure the wall and ceiling panels do not have gaps at the joints.</li> <li>• Ensure the ducting, baffles and drain cover are not damaged or loose.</li> </ul>
M07.6.17	Periodic PMCS > Annual PMCS: Track Roller Assemblies	<ul style="list-style-type: none"> <li>• Inspect each assembly for bent rails.</li> <li>• Inspect each roller for damage. Ensure the rollers spin freely and the roller shafts are not bent.</li> <li>• Check for damaged or missing the QC pins. Ensure the lanyards are not damaged and are secured to the rails.</li> </ul>

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M07.6.18	Periodic PMCS > Annual PMCS: Remains Trays	<ul style="list-style-type: none"> <li>• Inspect each tray for dents. Ensure each tray lays flat and is not bent.</li> <li>• Ensure the D-rings are not loose or missing.</li> </ul>
M07.6.19	Periodic PMCS > Annual PMCS: Remains and Tray Restraint Belts	<ul style="list-style-type: none"> <li>• Inspect the belts for cleanliness.</li> <li>• Inspect the belts for cuts or tears. Ensure the hook and loop is intact.</li> </ul>
M07.6.20	Periodic PMCS > Annual PMCS: Generator Supports	<ul style="list-style-type: none"> <li>• Inspect the generator supports and the cable support bracket for cracked welds or other structural damage.</li> <li>• Inspect the rollers for damage. Ensure the rollers spin freely.</li> <li>• Inspect the bumpers for cuts or splits and other defects. Ensure the bumpers are securely fastened.</li> <li>• Check for damaged or missing QC pins. Ensure the lanyards are not damaged and are secured to the supports.</li> <li>• Inspect cables for kinks or fraying. Ensure the protective covering is not cut or split. Ensure cable connections are secure.</li> </ul>
M07.6.21	Periodic PMCS > Annual PMCS: Mobile Processing Platforms (MPP)	<ul style="list-style-type: none"> <li>• Apply the wheel-brake on each caster and ensure the wheels do not rotate.</li> <li>• Release the wheel-brake and ensure each wheel rotates freely.</li> <li>• Apply swivel locks on the casters and ensure the casters rotate to the straight position then lock.</li> <li>• Release swivel locks. Ensure all four casters rotate 360 degrees.</li> <li>• Inspect each caster for cracked, cut, or missing treads.</li> <li>• Pump the foot pedal and raise the MPP to full height.</li> </ul>
M07.6.22	Periodic PMCS > Annual PMCS: Mobile Processing Platforms (MPP)	<ul style="list-style-type: none"> <li>• Check the cylinders and hydraulic hoses for evidence of leakage. Class II or higher leakage is not acceptable.</li> <li>• Push down on the upper frame and ensure the frame stays in the extended position.</li> <li>• Push down on the lowering foot pedal, allow the MPP to drop about halfway, then release the foot pedal.</li> <li>• Push down on the upper frame and ensure the frame stays in position.</li> <li>• Push down on the lowering foot pedal, allow the MPP to drop to collapsed height.</li> <li>• Inspect the tray rollers for damage. Ensure the rollers spin freely.</li> <li>• Inspect the frame for bent or damaged members and welds.</li> <li>• Inspect the pull handle for damage. Ensure the handle can be secured to frame.</li> </ul>

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Block #	Title	Text/Narration
M07.6.23	Periodic PMCS > Annual PMCS: MPP Extension	<ul style="list-style-type: none"> <li>• Inspect the frame for bent or damage members and welds.</li> <li>• Inspect the tray rollers for damage. Ensure the rollers spin freely.</li> <li>• Inspect the support legs for damage and security. Ensure the legs pivot open and closed.</li> <li>• Check for damaged or missing QC pins. Ensure the lanyards are not damaged and are secured to the supports.</li> </ul>
M07.6.24	Periodic PMCS > Annual PMCS: Partition Wall	<ul style="list-style-type: none"> <li>• Inspect the AA partition and ventilation screens for cuts and tears. Ensure the curtain door slides back and forth. Make sure the threshold rod is not cracked.</li> </ul>
M07.6.25	Periodic PMCS > Annual PMCS: Supply Area Curtain Door	<ul style="list-style-type: none"> <li>• Inspect the track for damage. Check for damaged or missing QC pins. Ensure the lanyards are not damaged and are secured to the supports.</li> <li>• Ensure the curtain is attached to the hangers and the hangers slide properly on the track. Check the curtain for tears and holes.</li> </ul>
M07.6.26	Periodic PMCS > Annual PMCS: Cargo Nets	<ul style="list-style-type: none"> <li>• Inspect the netting and webbing for cuts or tears. Ensure the buckles are not damaged or missing.</li> </ul>
M07.6.27	Periodic PMCS > Annual PMCS: Weapons Racks	<ul style="list-style-type: none"> <li>• Inspect the racks for damage. Ensure the hook strip is intact.</li> </ul>
M07.6.28	Periodic PMCS > Annual PMCS: Fluorescent Lights	<ul style="list-style-type: none"> <li>• Inspect the lights for cracks or damage to the protective cover. Check for cuts or fraying of cords and for damaged plugs.</li> </ul>
M07.6.29	Periodic PMCS > Annual PMCS: Emergency/Blackout Lights	<ul style="list-style-type: none"> <li>• Inspect the lights for the cracks in the lenses. Check for cuts or fraying of cords and damaged plugs.</li> </ul>
M07.6.30	Periodic PMCS > Annual PMCS: Inlet Filter Assembly	<ul style="list-style-type: none"> <li>• Separate the housing into two sections. Inspect the sections for damage. Ensure the gaskets are not cut.</li> <li>• Inspect the latches for damage. Reassemble the housing sections and ensure the latches engage.</li> </ul>
M07.6.31	Periodic PMCS > Annual PMCS: Outside Air Duct	<ul style="list-style-type: none"> <li>• Inspect the ducting for tears or holes. Ensure the end connections are secured with the clamps.</li> </ul>

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M07.6.32	Periodic PMCS > Annual PMCS: Water Hoses	<ul style="list-style-type: none"> <li>Inspect the supply hoses and utility hose for cracks or splits. Ensure the end connections are not damaged and that the clamps are tight.</li> </ul>
M07.6.32 a	Periodic PMCS > Annual PMCS: Water Hoses	<ul style="list-style-type: none"> <li>Inspect the hoses for cracks or splits. Ensure the end connections are not damaged and the shut-off valve opens and closes. Ensure the full indicators are not damaged or missing.</li> </ul>
M07.6.33	Periodic PMCS > Annual PMCS: Waste Containers	<ul style="list-style-type: none"> <li>Inspect the containers for cracks. Ensure the bio-hazard markings are readable.</li> <li>Ensure the fill caps and vent caps are not damaged or missing.</li> </ul>
M07.6.34	Periodic PMCS > Annual PMCS: Fuel Hoses	<ul style="list-style-type: none"> <li>Inspect the fuel hose and adapter for cracks and splits. Ensure the end connections are not damaged and the clamps are tight. Ensure the protective caps are not missing.</li> </ul>
M07.6.35	Periodic PMCS > Annual PMCS: Temporary Remains Shelters	<ul style="list-style-type: none"> <li>Ensure the fabric and webbing is not torn or fraying. Inspect zippers for wear or damage. Ensure the support rods are not broken or loose.</li> <li>Ensure the stakes are not bent or missing. Make sure the guy ropes are not cut or frayed and rope tensioners are not broken or missing.</li> </ul>
M07.6.36	Periodic PMCS > Annual PMCS: Ramps	<ul style="list-style-type: none"> <li>Ensure the ramp sections are not twisted. Check for cracked welds on side supports.</li> <li>Ensure the mortises are not enlarged and tenons are not damaged or loose. Ensure the ramp sections can be mated. Check for damaged or missing QC pins. Ensure the lanyards are not damaged or loose.</li> </ul>
M07.6.37	Periodic PMCS > Annual PMCS: Threshold	<ul style="list-style-type: none"> <li>Ensure the links are not bent. Check for damaged or missing QC pins.</li> </ul>
M07.6.38	Periodic PMCS > Annual PMCS: Connecting Links	<ul style="list-style-type: none"> <li>Ensure the links are not bent. Check for damaged or missing QC pins.</li> </ul>

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Block #	Title	Text/Narration
M07.6.39	Periodic PMCS > Annual PMCS: Leveling Jacks	<ul style="list-style-type: none"> <li>• Ensure handles are not bent and knobs are not cracked or broken off. Rotate the handles in both directions and make sure the legs extends and retracts smoothly.</li> <li>• Inspect feet for damage or cracked welds.</li> <li>• Check for damaged or missing pins. Ensure the chains are not damaged and are secured to the pins.</li> <li>• Operate the lock nuts and handles on the twist locks and make sure they rotate without binding.</li> </ul>
M07.6.40	Periodic PMCS > Annual PMCS: Platform Support Legs	<ul style="list-style-type: none"> <li>• Ensure the supports and feet are not bent. Inspect the feet for cracked welds.</li> <li>• Check for damaged or missing QC pins. Ensure the lanyards are not damaged and are secured to the feet.</li> </ul>
M07.6.41	Periodic PMCS > Annual PMCS: Ladder	<ul style="list-style-type: none"> <li>• Ensure the side supports are not bent or twisted. Check for loose or damaged rungs.</li> </ul>
M07.6.42	Periodic PMCS > Annual PMCS: Generator Pigtail	<ul style="list-style-type: none"> <li>• Inspect the pigtail for cuts or fraying on the cable and damaged connection.</li> </ul>
M07.7	Periodic PMCS > Annual PMCS: Lubrication Instructions	<p>Recommended intervals are based on normal conditions of operation, temperature, and humidity. When operating under extreme conditions, lubricants should always be changed more frequently. When in doubt, notify your supervisor.</p> <p>Keep all lubricants in a closed container and store in a clean, dry place away from extreme heat. Keep container covers clean and do not allow dust, dirt, or other foreign material to mix with lubricants. Keep all lubrication equipment clean and ready for use.</p> <p>Keep all external parts of equipment not requiring lubrication free of lubricants. After lubrication, wipe off excess oil or grease to prevent accumulation of foreign matter.</p> <p>After operation in mud, sandy, or dusty conditions, clean and inspect all points of lubrication for fouled lubricants. Change lubricants, if required.</p> <p>Clean area around lubrication points with a lint free cloth or equivalent before lubricating equipment. After lubrication, wipe off excess oil or grease to prevent accumulation of foreign matter.</p>

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Block #	Title	Text/Narration
M07.7.1	Periodic PMCS > Annual PMCS: Lubrication Instructions – Side Locks	Lubricate all four platform side locks as follows: <ol style="list-style-type: none"> <li>1. Completely unthread each side lock using the crank handle.</li> <li>2. Clean the old lubricant, sand, and dirt from each side lock and the internal threads on the ISO frame.</li> <li>3. Apply new lubricate to the side locks, making sure to work the lubricant into the threads.</li> <li>4. Thread the side locks back into the ISO frame. Then, use the crank handle to thread the locks in and out several times until the lubricant is worked down into the threads and is distributed evenly along the entire length of the threads.</li> <li>5. Clean up excess lubricant.</li> </ol>
M07.7.1	Periodic PMCS > Annual PMCS: Lubrication Instructions – Grounding Lug	Lubricate the grounding lug as follows: <ol style="list-style-type: none"> <li>1. Completely unthread the lug from housing.</li> <li>2. Clean the old lubricant, sand, and dirt from the lug and housing.</li> <li>3. Apply the new lubricant to the lug and housing.</li> <li>4. Thread the lug back into the housing.</li> <li>5. Clean up excess lubricant.</li> </ol>