

7. Pre-operational Inspection

At the start of each work day (or 8 hour shift), an MHP14AT / MHP13AT qualified operator must perform the Pre-operational Inspection as listed in the table below.

The purpose of the Pre-operational Inspection is to keep the MHP14AT / MHP13AT in proper working condition and to detect signs of malfunction at the earliest possible time.

This chapter shows how to perform the inspection and maintenance required for each item in the Pre-operational Inspection Table.

The MHP14AT / MHP13AT should be in the STOWED POSITION and the **Master Key Switch** set to OFF before you begin this inspection.

Defective parts and/or equipment malfunctions jeopardize the safety of the operator and other personnel, and can cause damage to the machine.

▲ DANGER

DO NOT operate an MHP14AT / MHP13AT that is known to be damaged or malfunctioning. Repair all equipment damage or malfunctions, before placing the MHP14AT / MHP13AT into service.

■ Pre-operational Inspection Table

Item	Service Required
Stabiliser/Boom interlock test	Perform the test to ensure the system is functioning
Engine fuel level	Look to see that the fuel tank is full
Fuel tank cap	Check to see that the cap is tight
Engine oil level	Check oil level (between dipstick lines)
Fuel leaks	Visually inspect (hoses and connections)
Engine cooling	Check that grills are not blocked
Wiring harnesses	Visually inspect (installation, condition)
Battery terminals	Visually inspect (no corrosion)
Battery fluid level	Check fluid level (1/4" or 6 mm below filler neck)
Hydraulic oil level	Visually inspect level (between lines on decal)
Hydraulic oil leaks	Visually inspect (hoses, tubes)
Tires and wheels	Visually inspect (condition)
Tire pressure	Check pressure (measure)
Bolts and fasteners	Visually inspect (condition)
Structural damage and welds	Visually inspect (weld cracks, dents)
Lanyard anchor points	Visually inspect (condition)
Platform gravity gate	Check condition and operation
Platform guardrails	Visually inspect (condition)
Flashing light (option)	Visually inspect (operation)
Ground control switches	Actuate and inspect for proper operation
Ground control valve levers	Check operation (causes correct motion)
Ground emergency lower	Check operation (causes correct motion)
Emergency lower	Check operation (causes correct motion)
Platform control box switches	Actuate and inspect for proper operation
Platform emergency lower	Check operation (causes correct motion)
RCD/ELCB AC outlet (option)	Check operation
Platform work lights (option)	Check operation
Placards and decals	Visually inspect (installation, condition)
Platform entry ladder	Visually inspect (condition)