Operation

Passenger Side Use DEPLOYMENT:

- At the truck cab location, set the truck parking brake.
- At the truck cab location, turn the ignition switch, unit power, and intercom ON.
- Select and engage the hydraulic power source, (Truck PTO or Auxiliary Engine).
- Engage engine 2 speed to run truck engine at high idle.
- At Turret-1 location, adjust the intercom volume.
- At Turret-1 location, Plus-1 Operator Interface press OK, then select the AXLE LOCK COUNTERWEIGHT mode (1).
- At Counterweight screen select AXLE LOCKS ON (5)
- Depress the Footswitch and hold the ACTIVATE AXLE LOCKS AND COUNTERWEIGHT FOR RIGHT SIDE OPERATION" (1) button until the axle locks and sliding counterweight are deployed.
- At Plus-1 Monitor: On COUNTERWEIGHT Screen Select UNIT ON (5)
- MAIN MENU – select button #2, for CONTROL SYSTEM screen.
- At CONTROL SYSTEM screen press GROUND CONTROL button #1.
- Turn on the ground controller as noted on page 20.
- At Turret-1 location, engage foot pedal and operate Boom-4 down.
- Remove the boom tie down device and lower the platform rests.
- At Turret-1 location, select "X" to return to the MAIN MENU screen. Select button 3, PLATFORM LEVELING, then MANUAL, and then PLATFORM UN-STOW until platform is level.
- Select AUTOMATIC.
- Select "X" to return to the MAIN MENU screen.
- At the Plus – 1 MAIN MENU select Button # 2 for CONTROL SYSTEMS, turn the Ground Controller Off and the Platform Controller ON.
- Turn on the intercom system in the cab and adjust the volume.
- Board the platform.
- Ensure Platform Radio controller is ON and press the radio green enable button.
- Operate Boom-4 Up so the platform is higher than the bottom of boom three, approximately 45 degrees above Boom-3 for visibility.
- Operate Boom-1 Up and Boom Leveling IN until the booms are about 12" inches above the rests.
- Operate Turret-2 CW to rotate Boom-2 and Boom-3 out to the side a few feet away from the cab of the truck.
- Operate Boom-11 to adjust the height of the boom assemblies to clear any obstructions.
- Adjust Boom Leveling as needed.
- Operate Turret-2 CW and Turret-1 CCW until Boom-1 is positioned 90 degrees to the bridge and Boom-2 and Boom-3 are parallel to the bridge.
- Boom-1 telescope can be used at any time.
- Operate Boom-2 and Boom-3 open until Boom-2 is vertical and Boom-3 is horizontal. Boom-3 and Boom-4 control may now be operated to provide clearance. The platform will automatically level as Boom-2, Boom-3 or Boom-4 are moved.
- Operate Turret-2 CW to rotate the platform under the bridge.
- The booms may now be rotated and Boom-4 extended as necessary to reach the desired location.
- Boom-3 and Boom-4 may be used to raise or lower the platform as desired.

Passenger Side Stowing:

- Retract Boom-3 and Boom-4 extensions.
- Operate Turret-2 CCW until Boom-2 and Boom-3 are parallel to the bridge.
- Operate Boom-2 and Boom-3 controls to **completely close both booms.**
- Operate Boom-4 to adjust for proper clearance.
- Operate Boom-1 to adjust for proper clearance. Adjust Boom Leveling as needed.
- Operate Turret-2 CCW and Turret-1 CW until the boom assembly is directly over the boom rests.
- Operate Boom-1 Down, and operate Boom Leveling Out to place the booms in their rests. Booms should be placed in their rests simultaneously.
- Adjust Boom-4 to provide safe exiting of the platform.
- Exit platform.
- At Turret-1 location, select X to return to the MAIN MENU screen.
- Select PLATFORM LEVELING, then MANUAL, and then PLATFORM STOW until platform is stowed.
- At Turret-1 location, Raise Boom-4 until boom stops.
- At turret-1 location, operate Boom-1 UP and Boom Leveling IN until booms are about 12 inches above rests.
- Lift and secure the platform rests.
- At Turret-1 location, operate Boom-1 Down and Boom Leveling Out to bring the boom assembly into the rests. Install boom tie down.
- Select X to return to the MAIN MENU screen.
- Select AXLE LOCK COUNTERWEIGHT screen.
- Hold the RETURN RIGHT SIDE OPERATION (1) button until the axle locks and sliding counterweight are fully disengaged. Function flashes red until fully disengaged and then is indicated in solid green.
- Go to the cab, shut down the Unit Power, PTO and Intercom systems.

WARNING! Do not operate Boom Leveling Out (Turret 2) when booms are stowed for any reason. Damage may occur to the equipment.

WARNING! Do not transport the unit with the PTO engaged.

NOTE: The truck engine 2-speed must be in the low setting before moving the unit during bridge operation. Vehicle speeds must not exceed 1.5 miles per hour when the booms are deployed.