Operation

Drivers Side 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 power source, (Truck PTO or Auxiliary Engine).
- Engage engine 2 speed to run truck engine at high idle.
- At Turret-1 location, turn on the intercom and adjust the volume.
- At Turret-1 location, Plus-1 Operator Interface, select the AXLE LOCK COUNTERWEIGHT mode (1).
- Hold the LEFT SIDE OPERATION (1) button until the axle locks and sliding counterweight are deployed. Function flashes red until fully engaged and then green.
- Select UNIT ON
- At the Plus – 1 MAIN MENU select CONTROL SYSTEMS.
- Turn the Ground Controller on as noted on page 20.
- At Turret-1 location, engage foot pedal and lower Boom-4 down.
- Remove the boom tie down device.
- Lower both of the platform rests.
- At Turret-1 location, select X to return to the MAIN MENU screen. Select PLATFORM LEVELING, then MANUAL, and then PLATFORM UN-STOW until platform is level.
- Select AUTOMATIC.
- Select X to return to MAIN MENU screen.
- Select FLIGHT PATH RULES REALTIME. This mode will indicate condition of limit switches as they become engaged during operation throughout the flight pattern.
- At the Plus – 1 MAIN MENU select CONTROL SYSTEMS.
- Turn the Ground controller OFF and the Platform controller ON.
- Board the platform.
- Ensure Platform radio controller is ON and press the radio enable button.
- Turn on the intercom and adjust the volume.
- Operate Boom-4 control to raise Boom-4 up so the platform is higher than the bottom of boom three.
- Raise Boom-1 control to raise the boom assembly to clear objects, about 12 inches above the rests.
- With the Booms leveling switch in the manual position, adjust Boom Leveling as needed to lift Boom-2 off the rests and keep the boom approximately level.
- Operate Boom-1 to adjust the height of the boom assemblies to clear any obstructions.
- Adjust Boom Leveling as needed.
- Operate Turret-1 control CW until Boom-1 is positioned 90 degrees to the bridge structure.
- Operate Turret-2 CW until boom-2 and Boom-3 are parallel to the bridge structure.
- 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 platform 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 and lower the platform as desired.

Operation

Drivers Side Deployment:

STOWING:

- Retract Boom-3 and Boom-4 extensions.
- Operate the platform rotation to center platform rotation indicator arrows.
- Operate Turret-2 CCW until Boom-2 and Boom-3 are parallel to the bridge.
- Operate Boom-2 and Boom-3 control 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 until the booms stop traveling.
- Operate Turret-1 CW until the booms stop traveling.
- Operate Boom-1 Down, and Boom Leveling Out to place the booms in their rests. Booms should be placed in their rests simultaneously. If not place T-1 end of booms in first.
- Adjust Boom-4 to provide safe exiting of the platform.
- At Turret-1 location, select "ESC" to return to the "MAIN MENU' screen.
- Select "PLATFORM LEVELING", then "MANUAL", and then "PLATFORM STOW" until platform is stowed.
- At Turret-1 location turn off Platform Radio and turn on Ground Radio, then press radio enable button
- At Turret-1 location, raise Boom-4 until boom four stops
- At Turret-1 location, raise Boom-1 and retract Turret-2 until booms are about 12 inches above rests.
- At Turret-1 location, raise Boom-1 about 12 inches.
- Lift and secure the platform rests.
- At Turret-1 location, lower Boom-1 and operate Boom Leveling out into the rests.
- Install boom tie down.
- Select X to return to the MAIN MENU screen.
- Select AXLE LOCK COUNTERWEIGHT screen.
- Hold the RETURN LEFT SIDE OPERATION (1) button until the axle locks and sliding counterweight are fully disengaged. Function flashes in red, until fully disengaged and then is indicated in 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 1½ miles per hour when the booms are deployed.