Operation

Drivers Side Use: DEPLOYMENT

1. At the truck cab, set the truck parking brake.
2. At the truck cab location, turn the ignition switch to the on position and start the truck.
3. At the truck cab, turn on the unit power switch.
4. At the truck cab, turn on the intercom.
5. At the truck cab, select and engage the power source (truck PTO or auxiliary engine).
6. At the truck cab, engage the two speed by pushing the two-speed button.
7. At turret #1, turn on the intercom and adjust the volume.
8. At turret #1, place the unit/axle lock selector switch to the "AXLE LOCK" position.
9. At turret #1, engage front and rear axle locks. Hold toggle switch until hydraulic pressure gauge for unit reaches approximately 2,200 psi
10. At turret #1, engage the sliding counterweight to the passenger side of the truck by pushing the toggle switch to "Left" while momentarily holding the sliding counterweight unstow button. Once the amber stow light goes off, release the unstow button and the counterweight will continue to travel. The red axlelock engage light illuminates when both the axlelocks and sliding counterweight are in the proper position.
11. Remove the boom tie down device.
12. At turret #1, place the unit/axle lock selector switch to the "UNIT" position.
13. At turret #1, raise boom #1 about 12 inches.
14. Lower both of the platform rests.
15. At turret #1, lower boom #1 into the boom rests.
16. At turret #1, lower boom #4.
17. At turret #1, level the basket by putting the leveling switch to the manual position depress the foot switch and hold the stow/un-stow toggle switch in the un-stow position. After the platform has moved to the level position place the leveling switch to the automatic mode.
18. Board the platform.
19. Turn on the "power" using the red ¼ turn switch on the Radio Controls.
20. Turn on the intercom and adjust the volume.
21. Operate boom #4 control to raise boom #4 up so boom #4 and the platform is slightly higher than the bottom of boom three.
22. Operate boom #1 control to raise the boom assembly to clear objects, about 12" inches above the rests. It is important to be constantly aware of the position of boom #2 so that it is not rotated or raised into the leveling linkage rods connecting the turntables.
23. Operate rotation #1 control clockwise until rotation #2 can be operated in the clockwise direction without moving the boom structures into traffic on the right side of the truck.
24. Operate boom #1 to adjust the height of the boom assemblies to clear any obstructions.
25. Operate rotation #2 control clockwise and rotation #1 clockwise until boom #1 is positioned 90 degrees to the bridge and boom #2 and #3 are parallel to the bridge.
26. Operate boom #2 down and #3 open until boom #2 is vertical and boom #3 is horizontal. Boom #3 may now be operated to provide clearance. The platform will automatically level as boom #2, #3 or #4 are moved.
27. Operate rotation #2 clockwise to rotate the platform under the bridge.
28. The platform may now be telescoped in and out as necessary to reach the desired location.
29. Boom #3 and #4 control may be used to raise or lower the platform.

NOTE:

The truck engine RPM must be in the low setting before moving the unit during bridge operation.

Vehicle speeds must not exceed 1 ½ mile per hour when the booms are deployed.

Operation

Drivers Side Use

STOWING

1. Retract both telescoping booms completely.
2. Operate rotation #2 control counter-clockwise until booms #2 and #3 are parallel to the bridge.
3. Operate boom #2 and #3 controls to totally raise both booms.
4. Operate boom #4 control to adjust for proper clearance.
5. Operate boom #1 control to adjust for proper clearance.
6. Operate rotation #2 control counter-clockwise until it stops automatically. Watch for proper clearance of the booms and leveling rods.
7. Operate rotation #1 control counter-clockwise until the booms are over the boom rest.
8. Operate boom #1 down, this will lower the booms into the rests.
9. Adjust boom #4 to provide safe exiting of the platform.
10. Turn off all platform controls and exit platform.
11. At turret #1, stow the basket by placing the leveling switch in the manual position depress the foot switch and hold the stow/un-stow toggle in the stow position until the platform is fully stowed
12. At turret #1, raise boom #4 completely.
13. At turret #1, raise boom #1 about 12 inches.
14. Lift and secure the platform rests.
15. At turret #1, lower boom #1 into the rests.
16. Install boom tie down.
17. At turret #1, place the unit/axle lock selector switch to the “AXLE LOCK” position.
18. At turret #1, disengage sliding counterweight by holding the toggle switch to the “Right” position. The sliding counterweight will stop when it reaches the stowed position and the amber stow light will illuminate.
19. At turret #1, disengage the front and rear axle locks with the toggle switch. The green disengage light will illuminate at turret #1 and truck cab.
20. Shut down the power source.
21. Shut down all unit operating systems at the platform, turret #1 and truck cab.