

# STB-0047 – AERIAL JOYSTICK/CONTROLS

## 1



## AERIAL JOYSTICK/CONTROLS

### COMPARISON CONTINUED

The joystick we are using as we move forward is the JC1500-034 with Operator Presence, also made by Penny & Giles and purchased through KFS. This joystick has no center lock but instead employs a lever on the front of the stick that is wired to the local Danfoss controller. This is known as the Operator Presence safety feature meaning that the joystick signal is valid only if the lever is pressed when the joystick is in the neutral position before using the joystick and remains pressed while using the joystick. If the operator releases the lever while the joystick is in use that joystick input will cease to be valid and the function (Raise/Lower, Extend/Retract, or Rotation) will ramp down to zero movement. The operator must return the joystick to neutral position and re-engage the Operator Presence lever to use the function again.



Using the JC1500-034 joystick (Operator Presence) also requires a different Base and Basket controller with more inputs as a result of the operator presence wires. The new Base and Basket controller are a little larger but we are able to mount them in the same locations without any issues.

The new joysticks are a little wider and taller than the existing joysticks we use now. As seen in the picture below the spacing between the new joysticks is less than the existing joysticks thus making it a little more difficult to wrap your hand around the joystick. However, it has been noted that most operators place their hand on top of the stick to operate which makes it easier to operate multiple or all three sticks at once.

### COMPARISON CONTINUED



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