



## MODEL 752 SIMULATOR TROUBLESHOOTING GUIDE

### **PROBLEM:** Sensor does not appear to be receiving laser signal

**Test:** Turn on the MCS system. At the Model 360 Sensor, press the pushbutton switch on the Model 752 Simulator and aim the blinking light source at any one of the vertical detector strips inside the red Window. As the 752 Simulator is moved up and down the detector strip, the display lights on the Control Panel should follow. Repeat this test on each of the four detector strips.



**Passed:** If the Control Panel lights flash using the 752 Laser Simulator, the Laser Transmitter is malfunctioning OR the sensor is not in the path of the beam.

**Failed:** If the Control Panel display doesn't light, disconnect the 360 Sensor and plug in the #2 Connector on the 752 Simulator. (See Photo Insert) *The power light on the Simulator should light*, and each of the three pushbuttons should light the corresponding lights on the Control Box.

**Passed** If the Panel functions using the 752 Simulator, send the 360 Sensor in for repair.

**Failed** If the Panel does not function, disconnect the cable at the base of the Mast and plug the #3 Connector on the 752 Simulator into it. The three pushbuttons should light the corresponding lights on the Control Panel.

**Passed:** If the Panel functions properly using the 752 Simulator, the Mast is defective; replace or repair.

**Failed** If the Panel still did not function, disconnect the Mast Cable at the Junction Box. Plug in the #4 plug on the 752 Simulator into the "J" Box. The three pushbuttons should light the corresponding lights on the Control Panel.

**Passed:** If the Panel functions properly, the Mast Cable is defective; replace or repair.

**Failed:** If the problem persists, disconnect the Junction Box Cable at the Control Panel and plug the #4 plug into the Panel. The three pushbuttons should light the corresponding lights.

**Failed:** If the Panel still did not function, it's faulty. Replace or repair it.