LSM-EFA
LIFT SYSTEM MEDIUM WITH ELECTRIC FLAP ACTUATOR

INTEGRATION CONSIDERATIONS

General Mitigations:
- Implement a hold to run/dead man switch operation.
- Control methods should be located within direct line of site of the mechanism.
- Implement password or key switch protected operation.

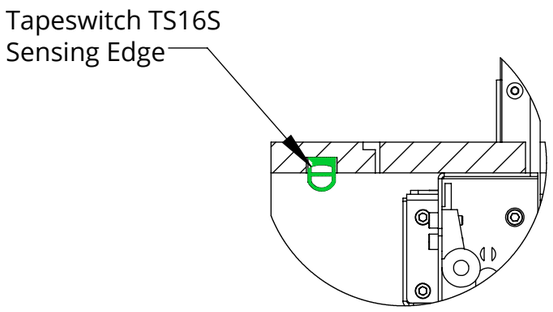
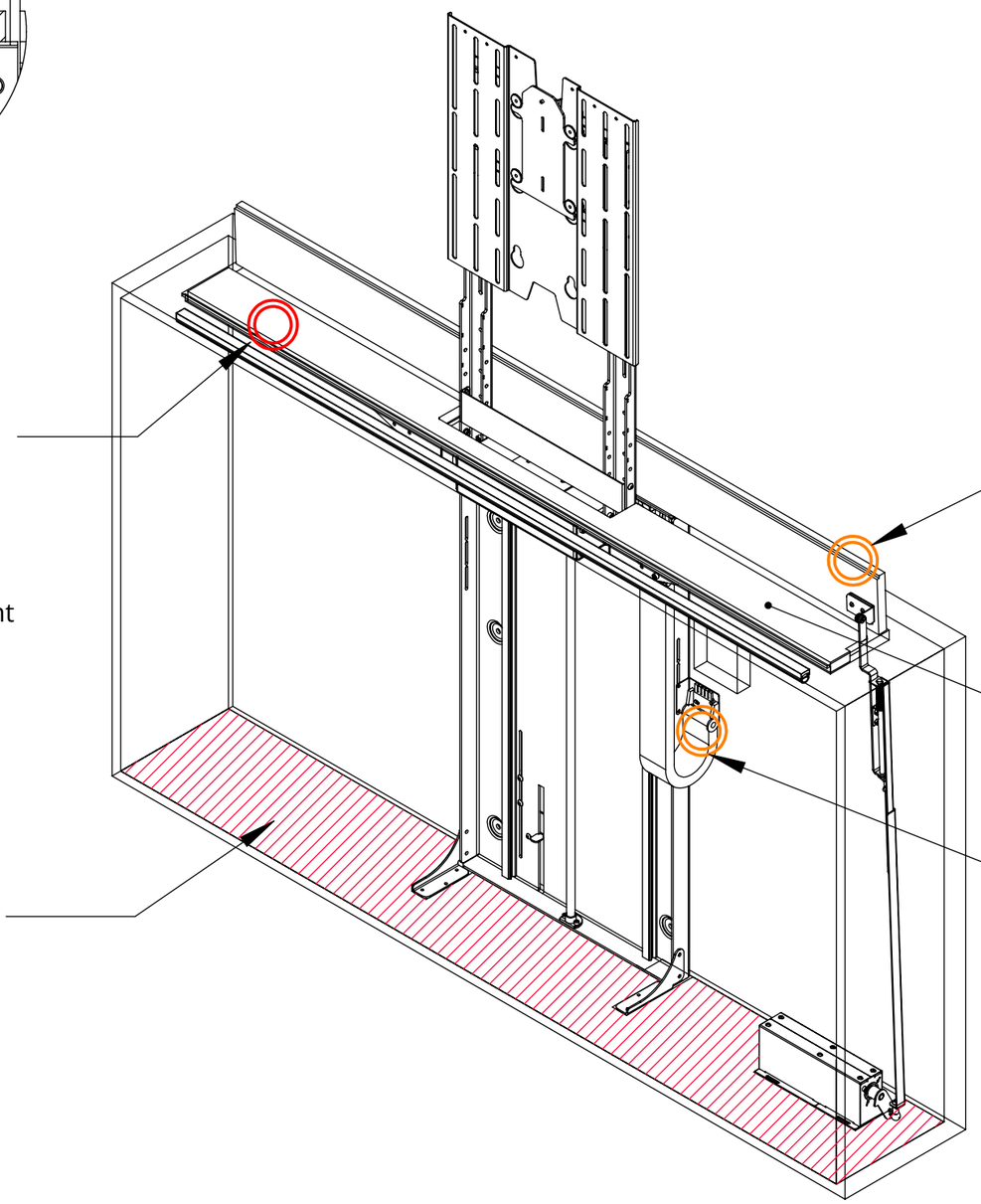


FIG A



High Risk - Crushing
Crush hazard at the cabinet aperture when mechanism is opening.

Mitigation
The cabinet top should be floating on locator dowels to allow vertical movement if an obstruction is caught between it and the base panel.
A tapeswitch is another useful method to prevent fingers getting crushed (see Fig A).

High Risk - Crushing
Crush hazard below the mechanism when mechanism is closing.

Mitigation
Ensure area below the mechanism is kept clear at all times when the mechanism is being used.
If installing or maintaining the mechanism do so with the mechanism turned off.

Low Risk - Falling Objects
Falling object hazard if objects are left on top of the top panel.

Mitigation
See general mitigations.

Low Risk - Crushing
Cables could be snagged if not properly managed through and around the mechanism, causing damage to the mechanism and electronics.

Mitigation
Ensure sufficient cable slack is allowed around movement joints to prevent stretching and/ or damage to the cables and/ or mechanism.

UK +44 (0) 1438 833577 **US** +1 (603) 742 9181
www.**FUTUREAUTOMATION**.NET