Operating and Maintenance Instructions.
Internal IAC Floor Hatch.

Opening the hatch.

From Above: - Access to the underside slam cab locks is gained by removing the furthest M12 countersunk bolts from the hinge side. Slam cab lock mechanism should be operated with the supplied T keys.

Standing clear of the lid, insert the 8mm square drive T key into the slam lock(s) through the hole(s) provided in the hatch lid and rotate anti clockwise to disengage the latch.

From Below: - Operate the slam cab lock by applying pressure to the slam cab lock lever in an anti- clockwise direction.

The pressure of the gas springs will lift the lid to approximately 65/70 degrees.
It is now possible to push the lid further with the aid of the gas springs to its fully open position (approximately 85 degrees.)

The safety hold open stay should automatically engage with the lug on the side frame.
If the stay does not engage correctly then apply a small opening force to the lid to open further and manually engage the stay onto the lug.

Closing the hatch.

Before closing the hatch lid ensure that there are no obstructions between the lid and the frame and that all personnel, feet, hands etc are fully clear of the lid perimeter.

Disengage the safety stay from the lug on the side of the frame. Apply sufficient force to top of the hatch lid to overcome the pressure of the gas springs. Allow the safety stay to rest/run on top of the lug.

Manually close the hatch lid until the cab lock reaches the striker plate on the frame. Apply sufficient additional force to close the lid fully and engage the cab lock.

Replace the M12 countersunk bolts.

Maintenance.

There is little maintenance required to the hatch but regular attention depending on its situation and use will help to give a long and trouble free service life.

Clean out any debris which may collect in the channel of the frame, particularly around the concealed hinges and drain points, and the clearance gap between the lid and frame.

Lubricate moving parts- a light machine oil should be applied to the hinge, the cab locks and the pivot bolts of the gas springs.

An aerosol applicator is the easiest method to access the hinges to ensure the oil penetrates along and around the hinge pins.

Periodically check that all bolted connections for the gas spring brackets etc. remain tight and tighten if necessary.

Cleaning.

Clean off any accumulation of dirt/debris from the top of the lid and frame using a proprietary detergent solution. It may be necessary to use a stiff brush for any stubborn areas.

If the unit is powder coated, do not use any abrasive materials for cleaning that might damage the coating/scratch the surface.

Clean out any dirt/ debris from the channel of the frame, particularly around the hinges and drain points.

If the unit is to be power washed then be aware that the lid/frame are not water tight and water will pass through to the frame channel. If drain points are fitted then the channel will empty. If drain points are not fitted then the channel will fill and water may enter below passed the “buffer” seal in the frame.