

Part I

Chapter 16—Armament and Operational Equipment

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1 Bomb-bay doors control

(a) The bomb-bay doors are controlled by a three-position OPEN, AUTO, CLOSE switch on panel AZ. A three-position magnetic indicator is situated adjacent, which shows SHUT when the doors are closed, striped when they are moving or if no electric power is available and OPEN (white) when they are open.

(b) If the bomb-bay doors do not open within a predetermined time with the switch set to OPEN, the hydraulic system is automatically switched to emergency and the doors are opened on the emergency circuit.

(c) When the switch is at AUTO automatic door opening is achieved on receipt of a signal from the NBC equipment.

(d) The doors can be closed following an OPEN or AUTO open selection by setting the switch to CLOSE.

(e) Circuit breakers on panel AJ protect the supply to both the normal and emergency circuits.

2 Bomb-bay doors emergency control

(a) Located on panel AC are an EMERGENCY BOMB three-position JETTISON, OFF, EMERGENCY CLOSE switch and a LOWER CARRIERS JETTISON two-position JETTISON-OFF switch.

(b) If the EMERGENCY BOMB switch is set to JETTISON the doors are automatically opened and the stores are jettisoned.

Following a JETTISON selection, the doors must be closed by an EMERGENCY CLOSE selection.

(c) If the bomb doors fail to close when the normal selector is set to CLOSE, set the EMERGENCY BOMB switch to EMERGENCY CLOSE to set the hydraulic system to emergency and close the doors. If the normal selector is not then set to AUTO or CLOSE, the doors will re-open after 3 seconds.

(d) If bombs hang up on the lower carriers, the carriers can be jettisoned by opening the bomb doors and selecting JETTISON on the LOWER CARRIERS JETTISON switch.

3 Bomb release safety lock

A bomb release safety lock prevents inadvertent weapon release. The lock is controlled by a guarded double pole switch on panel AAF. The switch is marked LOCK IN/off/LOCK OUT and has an amber light at the LOCK OUT position, which comes on if the safety lock is released, and a green light at the LOCK IN position, to show the lock is engaged.

4 Window launchers

(a) Twin window installations are installed one above each main-plane and are operated by the AEO.

(b) There are two control panels, one for the port and one for the the starboard installation.



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