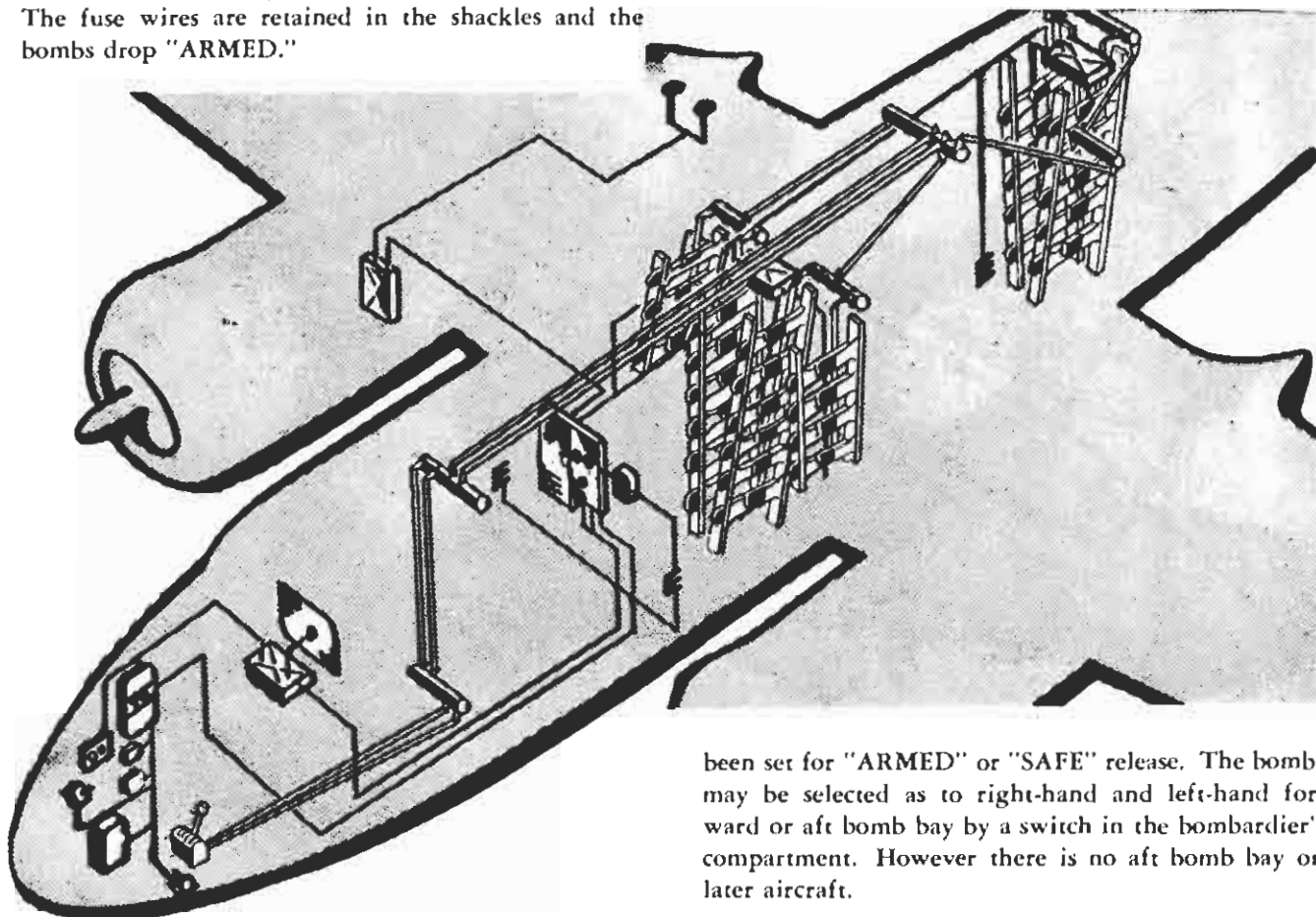


(j) BOMB RELEASE. (See figures 6 and 7.)

1. GENERAL.—Bombs are released by pressing one of the bomb release toggle switches after the bomb bay door selector handle has been shifted forward from "OPEN" to "SELECTIVE" position. Movement of the selector handle from "OPEN" to "SELECTIVE" mechanically actuates slider bars on the bomb racks, setting the A-2 release units for "ARMED" release. When the bomb release toggle switches are pressed, the release arms open the bomb suspension hooks and the arming arms close the fuse wire hooks. The fuse wires are retained in the shackles and the bombs drop "ARMED."

a. SELECTIVE ARMING.—If nose fuse wires are attached to the A-2 bomb arming units, bombs may be selectively nose "ARMED" with the nose fuse D4 switch.

b. ADAPTERS.—1600- or 2000-pound bombs are released from the D-6 shackle by the bomb release toggle switches after the bomb bay door selector handle has been shifted forward from "OPEN" to "SELECTIVE" and the nose fuse D4 switch has



been set for "ARMED" or "SAFE" release. The bombs may be selected as to right-hand and left-hand forward or aft bomb bay by a switch in the bombardier's compartment. However there is no aft bomb bay on later aircraft.

 Bomb Sight	 Junction Box	 Safety Switch
 Bomb Release Toggle Switch	 Bomb Release Indicator Light —Pilot's Instrument Panel	 A-2 Release Unit
 Rack Selector Unit	 Generator Control Panel Main Distribution Box	 A-2 Arming Solenoid
 Indicator Light Panel	 Time Delay Relay	 Release Formation Light
 Intervalometer		 Bomb Bay Door Selector Handle

Figure 6 — Bomb Release, Armed