

SECTION V OPERATIONAL EQUIPMENT

1. GUNNER'S EQUIPMENT AND CONTROLS.

a. GENERAL.—The rear, or gunner's, cockpit is designed to provide the gunner with the controls and equipment necessary to his duties. Located in the rear cockpit are the controls and equipment for the flex gun, gunner's oxygen controls, navigational equipment, and miscellaneous gunner's operational equipment. (See figures 75-76.)

b. COCKPIT ENCLOSURE OPERATION.

(1) ENTRANCE TO REAR COCKPIT.—Move tilting canopy forward by hand, using handle on left side of tilting canopy. If tilting canopy does not open, the crank handle is in the locked position. It may be released by reaching through the fire extinguisher door between the front and rear cockpits on the left side of the fuselage and pulling crank handle inboard. Then raise canopy by hand as explained above.

(2) EXIT FROM REAR COCKPIT.—Pull crank handle located on the left hand upper longeron inboard to unlock, and rotate in a clockwise direction to move canopies to an open position. Canopies may be locked in a closed position from the outside by reaching through the fire extinguisher opening and pressing in crank handle.

(3) EMERGENCY COCKPIT EXIT.—Raise the emergency release locking handle (figure 47) on the inside of the movable enclosure side panels, pull the release handle inboard and down until latch pins are free, and push panels free of the airplane. For entrance, release handles are also located on the outside of the movable enclosure.

NOTE

The panels cannot be removed from the outside unless the inside locking handle is unlocked. Always keep locking handles in the raised, or unlocked, position during flight.

c. SEAT OPERATION.

(1) SEAT ROTATION.—The seat cannot be rotated in flight but may be removed by ground personnel and its position reversed if tactically

required. The normal position of the seat is such that the gunner faces aft.

(2) SEAT HEIGHT ADJUSTMENT.—The seat is adjustable for height over a wide range with a number of locking positions provided. The lock is provided with both power and manual controls. A solenoid controlled by a push button switch above the left hand grip on flex gun releases the height adjustment lock. Pull manual control lever (figure 58) up to release lock.

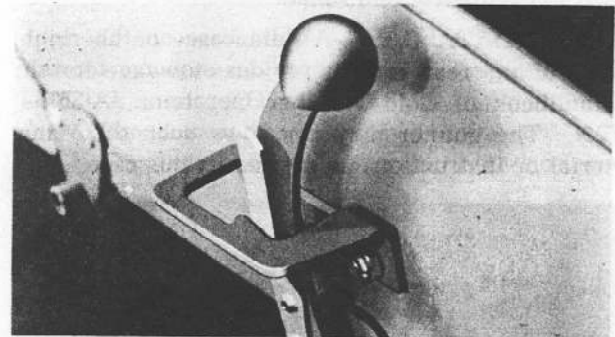


Figure 58—Gunner's Seat Height Adjustment Lever

(3) SHOULDER HARNESS TENSION RELEASE.—To release the harness tension for limited fore and aft movement, move spring loaded plunger, on the left of the gunner's seat, backward. To lock harness, move plunger forward.

d. NAVIGATIONAL EQUIPMENT.

A navigational computer is stowed in the confidential locker on the left side of the rear cockpit.

e. GUNNER'S MISCELLANEOUS EQUIPMENT.

(1) COCKPIT LIGHTING.—A cockpit spotlight is located on the left side of the rear cockpit.

(2) FIRST AID KIT.—A kit, containing basic first aid supplies is located on the left side of the gunner's cockpit. Its location is designated on the outside of the airplane.

(3) PYROTECHNICS.—A signal pistol (figure 52) is mounted on the left side of the rear cockpit and stowage of cartridges for the pistol is provided on the control tunnel below pistol.