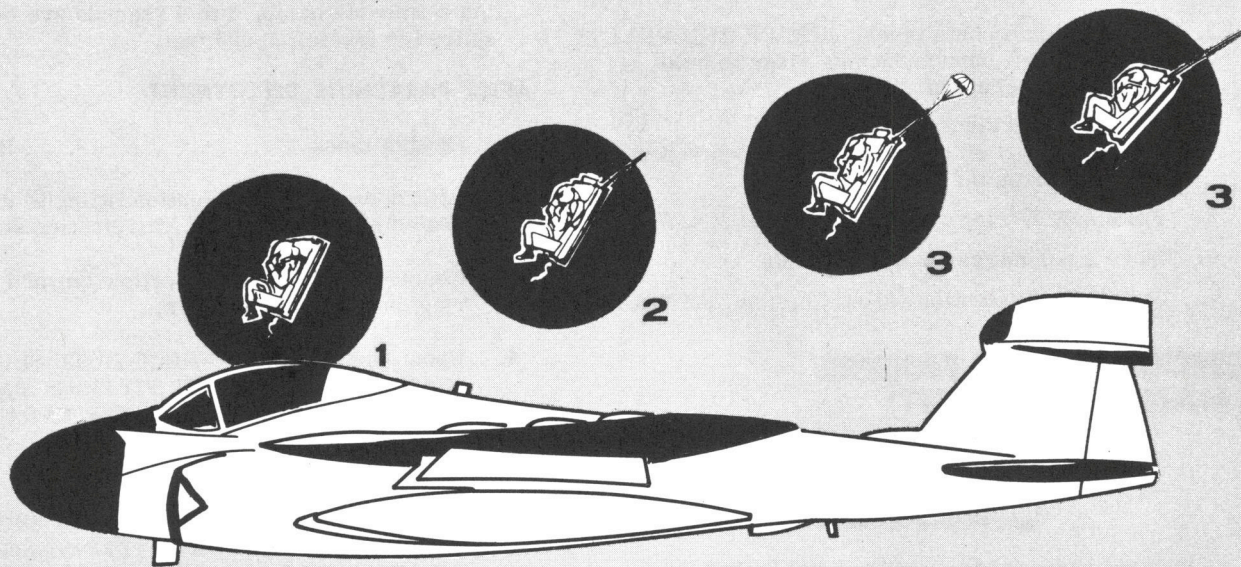


## EJECTION SEQUENCE



- 1** .. INITIAL EJECTION: EMERGENCY OXYGEN RELEASED, IFF SWITCH ACTUATED, SHOULDER HARNESS LOCKED, LEG RESTRAINTS WITHDRAWN AND LOCKED AND TIME RELEASE AND DROGUE GUN MECHANISMS ARE TRIPPED AS SEAT LIFTS OUT OF COCKPIT.
- 2** .. DROGUE GUN FIRES ONE SECOND AFTER EJECTION; DROGUE PISTON WITHDRAWS CONTROLLER DROGUE PARACHUTE.
- 3** .. CONTROLLER DROGUE DEPLOYS AND WITHDRAWS STABILIZER DROGUE.
- 4** .. STABILIZER DROGUE DEPLOYS, STABILIZING AND DECELERATING SEAT AND OCCUPANT.
- 5** .. ABOVE 13,500 FEET: BAROSTAT SECURES TIME RELEASE ESCAPEMENT MECHANISM UNTIL COMPLETION OF DESCENT TO LOWER ALTITUDE, DROGUE PARACHUTE RETENTION SHACKLE REMAINS LOCKED TO SEAT BY RESTRAINT SCISSOR AND SEAT AND OCCUPANT DESCEND THROUGH HIGHER ALTITUDES ON DROGUE PARACHUTES ONLY.
- 6** .. BELOW APPROXIMATELY 10,000 FEET AND DECELERATION OF 4.5g OR LESS: BAROSTAT FREES TIME RELEASE ESCAPEMENT MECHANISM. TIME RELEASE MECHANISM SUBSEQUENTLY RELEASES DROGUE SHACKLE RESTRAINT SCISSOR, OCCUPANT'S UPPER AND LOWER HARNESS RESTRAINT, LEG RESTRAINTS AND UPPER BLOCKS OF PERSONNEL SERVICES DISCONNECTS. RELEASE OF SHACKLE PERMITS CONTINUED PULL OF DROGUE PARACHUTES ON LINK LINES TO RELEASE FACE CURTAIN RESTRAINT, AND MAIN PERSONNEL PARACHUTE. OCCUPANT REMAINS ATTACHED TO SEAT BY STICKER CLIP RETENTION OF LOWER RESTRAINT HARNESS ON SEAT BUCKET.
- 7** .. OPENING SHOCK OF MAIN PARACHUTE PULLS OCCUPANT, SURVIVAL KIT AND LOWER RESTRAINT HARNESS FREE OF STICKER CLIPS. SEAT FALLS FREE. OCCUPANT DISCARDS FACE CURTAIN AND CONTINUES NORMAL PARACHUTE DESCENT.

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Figure 5-6 (Sheet 1)