

WARNING SYSTEM

DESCRIPTION

V_{MO}/M_{MO} warning system receives signals from both ADC's. It provides visual and aural warnings whenever maximum airspeed is exceeded (see LIMITATIONS, SECTION I). Deactivation of the warning system is accomplished by reducing airspeed/mach below the respective limits.

The warning is triggered when either pilot or copilot airspeed indicators is within the following tolerances:

	Airspeed Indicator Tolerance
V_{MO}/M_{MO}, A/P & Mach Trim Off	Sea level to 15,000 ft - 310 +3 KIAS 15,000 to 22,300 ft - 360 +3 KIAS Above 22,300 ft - 0.81 M_I + Mach No. equivalent to 3 kt
V_{MO}/M_{MO}, A/P or Mach Trim On	Sea level to 15,000 ft - 310 +3 KIAS 15,000 ft to 25,500 ft - 360 +3 KIAS Above 25,500 ft - 0.85 M_I + Mach No. equivalent to 3 kt

Visual/Audio Warning Test

Two switches are installed on overhead panel, under SYSTEM/WARN TEST section, to test the system. (See test procedure in NORMAL PROCEDURES, SECTION IV.) IND TEST switch is used to test operation of all indicating lights and annunciators. Tree-position V_{MO}/M_{MO} switch tests the overspeed clacker with ADC 1 or ADC 2, respectively.

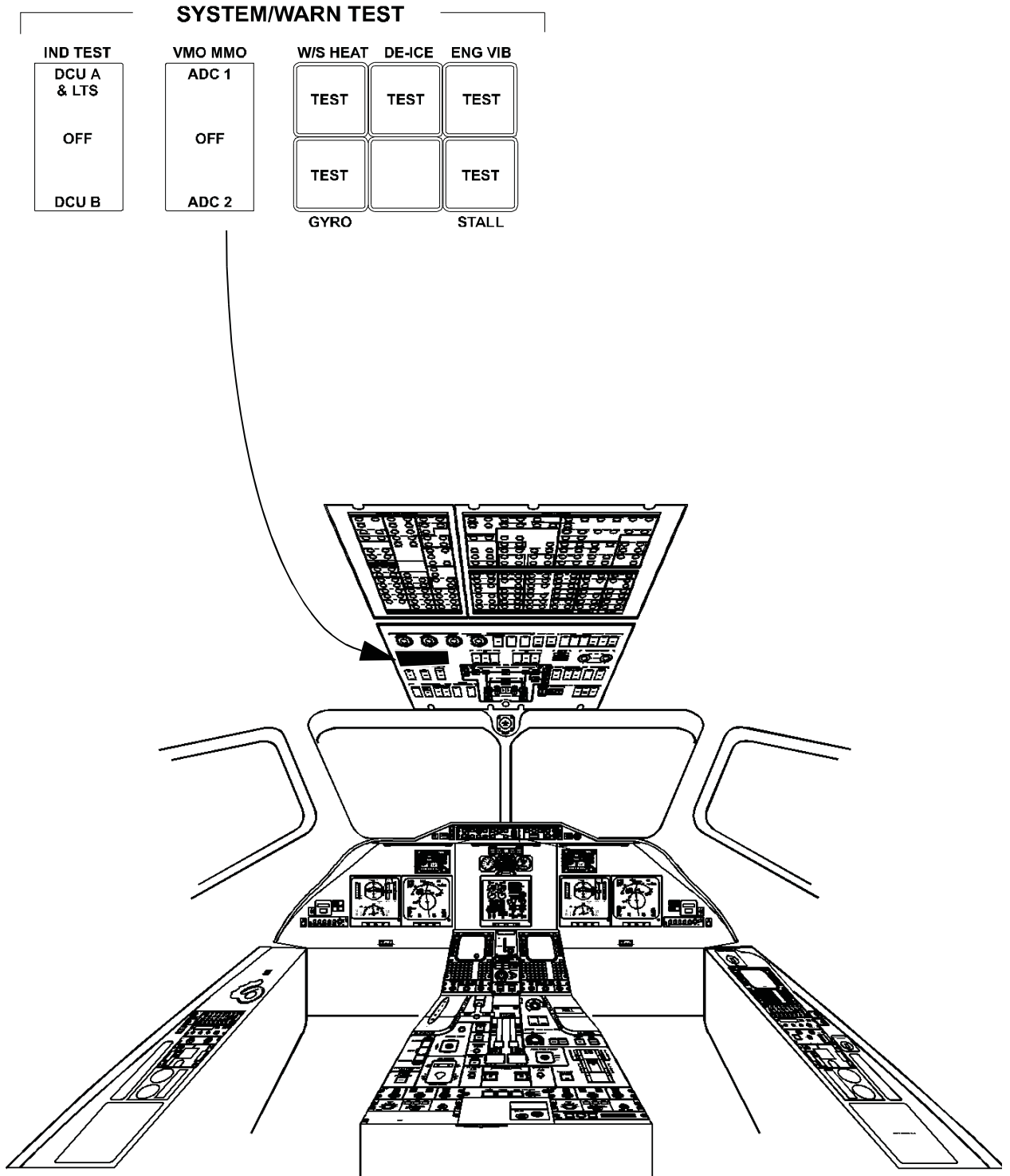


Figure 5-47. V_{MO}/M_{MO} Controls