

INCANDESCENT PASSENGER/CARGO COMPARTMENT LIGHTING - DESCRIPTION AND OPERATION**1. General**

- A. Model 208 passenger incandescent compartment lights consist of eight passenger reading lights, eleven reading lights on Model 208B Passenger, and NO SMOKING/FASTEN SEAT BELT annunciator warning panel on both models. Models 208 and 208B are equipped with three cabin lights (one light is located above center aisle, one above aft cargo door, and one above passenger entry door).

2. Description and Operation

- A. Reading lights can be installed at each of aft passengers positions. The lights are located above window line in small convenience panels above each seat. A push button type on-off switch mounted in each panel controls the lights. The lights can be turned in their mounting sockets to provide the most comfortable angle of light for each passenger. The reading lights are protected by the RDNG LIGHT circuit breaker found in the left sidewall circuit breaker panel.
- B. A panel can be installed in the airplane to warn passengers of impending flight operations requiring fastening of seat belts and/or extinguishing of all smoking materials. The installation includes an annunciator warning panel that has two lamps that come on and show international graphic symbolism for fasten seat belts and no smoking to rear cabin passengers. The panel is controlled by the, NO SMOKE and SEAT BELT switches, that are located on the lower left side of instrument panel. The circuit breaker SEAT BELT SIGN found in the left sidewall circuit breaker panel.
- C. There are three cargo/passenger lights installed in interior cabin headliner. One is above aft cargo door, another is directly opposite cargo door light, and a third is overhead and forward in the center aisle. Power is supplied from battery bus through a switch located on lower left instrument panel, labeled CABIN. Independent ON/OFF switching is controlled by switch(es) found just forward of cargo door and (Model 208 and 208B Passenger) passenger entry door. Protection is provided by the clock circuit breaker, found in the power box mounted in the upper left portion of the engine compartment on the firewall. Airplanes with the courtesy light timer option use a solid-state timer which allows the lights to remain on for a period of thirty minutes after the airplane has been deplaned and secured.