

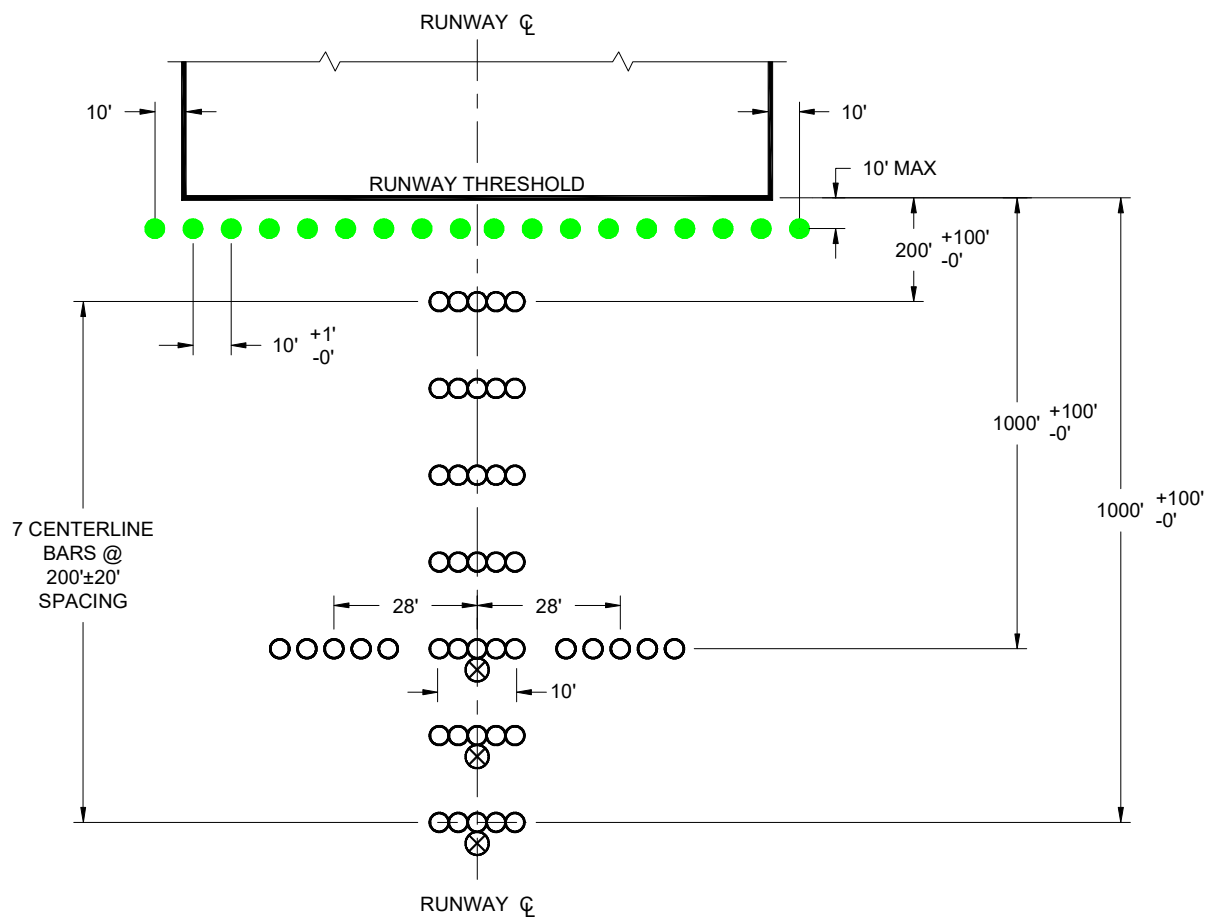
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JO 6850.2B

**c. SSALR.** The SSALR configuration consists of a threshold bar and seven five-light bars located on the extended runway centerline with the first bar located 200 feet from the runway threshold, and the remaining bars at 200-foot intervals out to 1,400 feet from the threshold. Two additional five-light bars are located, one on each side of the centerline bar, 1,000 feet from the runway threshold forming a crossbar 70 feet long. The spacing between individual lights is 40½ inches for the centerline bars and five feet for other bars. All lights in the system are white except for the threshold lights. The threshold lights have green filters. The threshold lights are a row of lights on 10-foot centers located coincident with and within the runway edge lights near the threshold and extends across the runway threshold. The RAIL portion of the facility consists of five sequenced flashers located on the extended runway centerline, the first being located 200 feet beyond the approach end of the last steady-burning light bar with successive flasher units at each 200-foot interval out to 2,400 feet from the threshold. These flashing lights emit a bluish-white light and flash in sequence toward the threshold at a rate of twice per second. All lights are aimed into the approach to the runway and away from the runway threshold. The SSALR configuration is shown in figure 2-2. This configuration is operated as a subsystem of the ALSF-2.

**d. MALS.** The MALS consists of a threshold light bar and seven five-light bars located on the extended runway centerline with the first bar located 200 feet from the runway threshold, and the remaining bars at each 200-foot interval out to 1,400 feet from the threshold. Two additional five-light bars are located, one on each side of the centerline bar, 1,000 feet from the runway threshold forming a crossbar 66 feet long. The spacing between individual lights in all bars is approximately 2½ feet. All lights are aimed into the approach to the runway and away from the runway threshold. All lights in the system are white, except for the threshold lights. These lights have green filters. The threshold lights are a row of lights on 10-foot centers located coincident with and within the runway edge lights near the threshold and extend across the runway threshold. The MALS configuration is shown in figure 2-3.

**e. MALSF.** The MALSF consists of a MALS with three sequenced flashers located at the last three light bar stations. These flashers are added to the MALS at locations where high ambient background lighting, or other reasons, requires these lights to assist pilots in making an earlier identification of the system. These lights flash in sequence toward the threshold at the rate of twice per second. All lights are aimed into the approach to the runway and away from the runway threshold. The MALSF configuration is shown in figure 2-3.

**SYMBOLS:**

- STEADY BURNING LIGHT, GREEN
- STEADY BURNING LIGHT, WHITE
- ⊗ SEQUENCED FLASHING LIGHT (FOR MALSF ONLY)

**FIGURE 2-3. MALS AND MALSF CONFIGURATION**