ENGINEERING GUIDANCE 98-05

SUBJECT: Edge Lights for Instrument Runways

PURPOSE: Provide clarification for the requirement to use split amber/white edge lighting on runways.

CANCELLATION: This Engineering Guidance replaces Safety & Standards Guidance No. 20, dated May 12, 1989.

DISCUSSION: There has been some confusion regarding runway edge lighting as described in Advisory Circular (AC) 150/5340-24 for precision and nonprecision runways.

GUIDANCE: The AC states that runway edge lights emit white (clear) light except that yellow is substituted for white for the last 2,000 feet of an instrument runway, or one-half the runway length, whichever is less, for indicating the caution zone. The yellow (amber) lights are intended for rollout information after landing and are installed on the runway end opposite the landing threshold. These lights in the caution zone emit yellow (amber) light facing the instrument approach and white light in the opposite direction.

Precision and nonprecision instrument runways are to be considered instrument approaches and the above caution zone edge lighting should be used.

REFERENCES: AC 150/5340-24, paragraph 3a.

APPROVAL: signed

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