

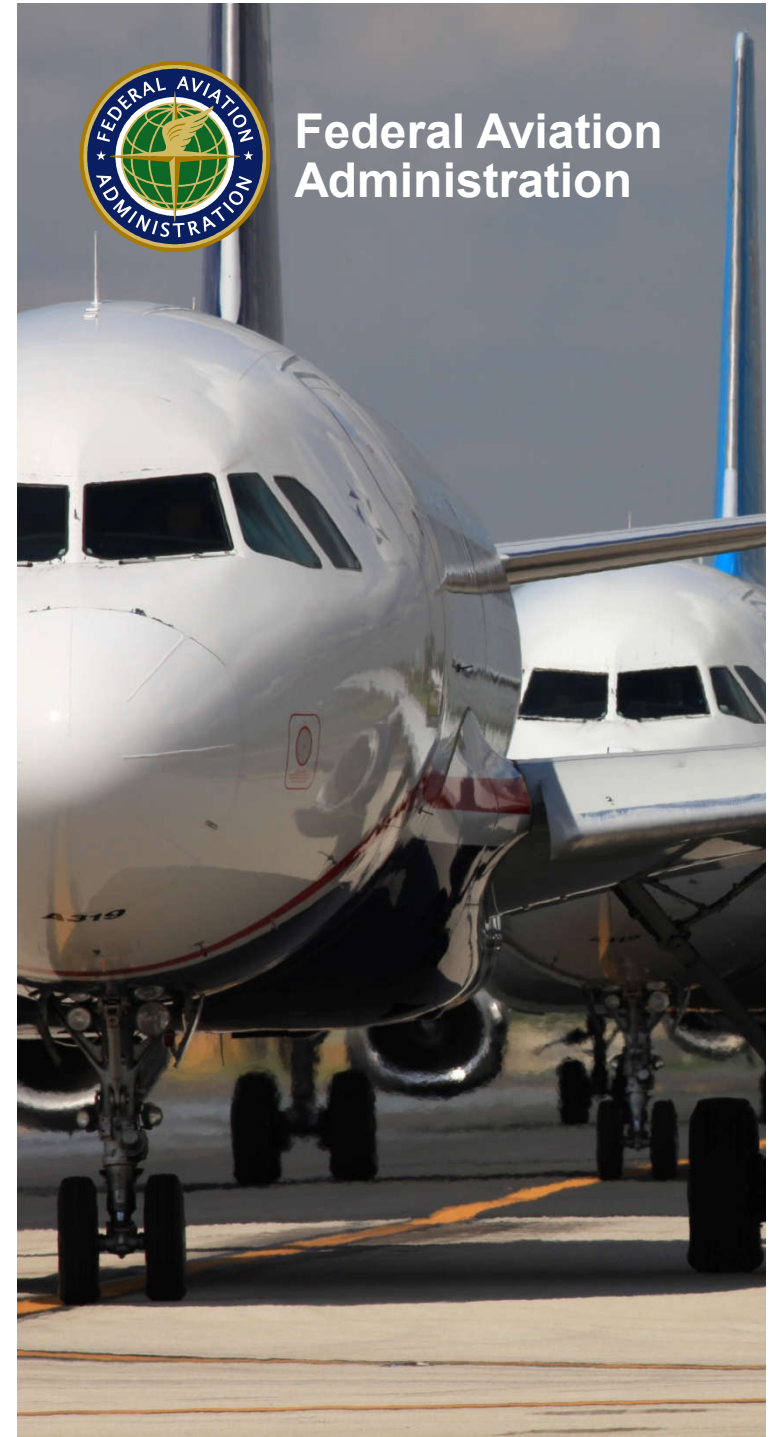
# Precision Approach Path Indicator (PAPI) Systems

Pending Revisions Highlights to AC  
No. 150/5345-28

**IESALC 2018 Fall Meeting**

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## Pending Revisions Highlights to AC No. 150/5345-28

### Precision Approach Path Indicators (PAPI)

Are used by the pilot to align and angle the aircraft toward the runway targeted for landing.



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Both LED and Incandescent technologies are viable options for PAPI systems. However, as the deployment of LED technology expands and evolves our Advisory Circulars (ACs) will do the same.

**For the latest pending AC, major revision include:**

### **Section 3.2.1 Photometric Requirements**

*“...12. If LED lamps are used the must have a minimum rated life of 50,000 hours.”*

**Section 3.2.2 Light Unit Construction** *“...The light unit must prevent dew or frost/ice from accumulating on its lens surfaces. This may be accomplished by thermostatically activated heating or intrinsic heat management (such as incandescent lamps).”*

### **Section 3.2.3.1 Adjusting Hardware**

*“Any adjusting hardware must be vibration resistant and prevent movement of the optical system.*

*PAPI should be capable of modifying the horizontal light beam coverage of the PAPI for obstacle avoidance in the approach area and light signal obstructions. This can be accomplished using baffles, sometimes called blanking devices.”*



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# Questions

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