

Office of Airport Safety and Standards Update

To: IESALC

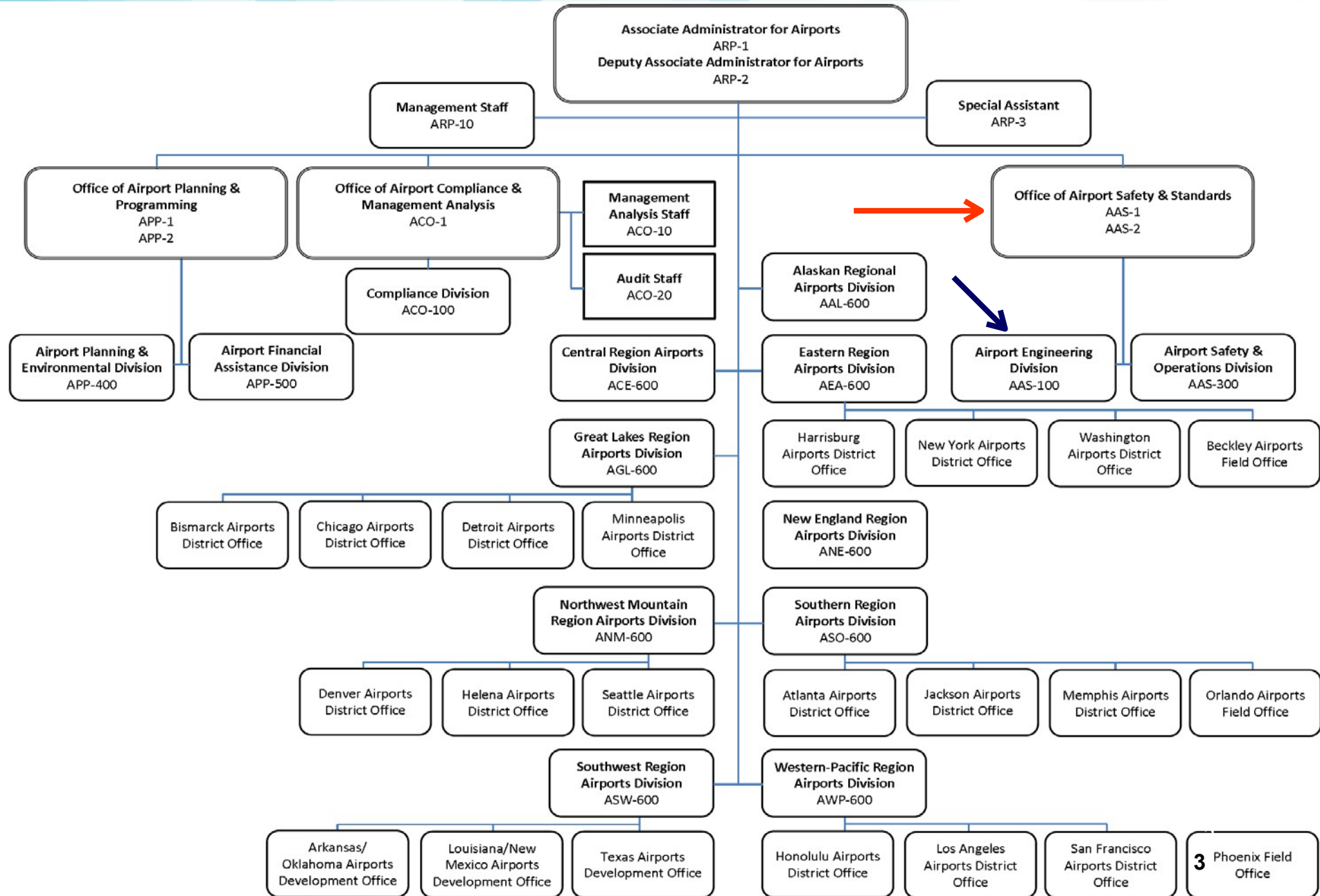
October 7, 2021

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FAA
Office of Airports

FAA OFFICE OF THE ASSOCIATE ADMINISTRATOR FOR AIRPORTS



Airport Engineering Division

- **Maintain over 80 of the airport series (150/5xxx) advisory circulars**
 - Standards for airport design, safety, construction, equipment, airfield lighting, signage and marking, and airfield pavements that are required for projects using AIP funds
 - Global leadership in international standards through ICAO
 - Maintain engineering briefs for additional guidance for airport projects.
 - Approves requests for modification of design or construction standards for individual projects.

AC 150/5390-2D Heliport Design



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Summary of Changes to Heliports AC

1. Separate chapters on General Aviation, Transport and Hospital Heliports are now consolidated into one chapter
2. Eliminate redundant information
3. Add separate chapters for Taxiways / Heliport Marking and Lighting
4. Incorporate Engineering Brief #87, Heliport Perimeter Light for Visual Meteorological Conditions, into this AC to address specific heliport lighting requirements.
5. Improve figures
6. Include Hyperlinks

Perimeter Lighting

- FATO lighting will be specified as "optional" to allow FATO lighting to be used where beneficial.

Heliports Design AC - Schedule for Completion

Item	Date
Industry Day all-day meeting	May 26, 2021
Complete adjudication of all Industry comments (over 1,300 comments)	Sep 2021
FAA Office of Airports Submits Draft AC to FAA Legal	Oct 2021
FAA Office of Airports receives legal comments (estimate)	Nov 2021
Final Heliports AC for Signature	Dec 2021

AC 150/5345-27F, FAA Specification for Wind Cone Assemblies

- Added the reference in paragraph 2.4 for Engineering Brief 67, Light Sources Other Than Incandescent and Xenon for Airport and Obstruction Lighting Fixtures.
- Reformatted figures.

AC 150/5345-26E, FAA Specification for L-823 Plug and Receptacle, Cable Connectors

- Reformatted figures in Appendix A.
- Updated reference documents to current revisions

Low Current Airfield Lighting Architecture (LCALA)

- Draft performance requirements have been developed for this architecture
- The LCALA supports three modes of operation
 - Frequency Shift Keying, or FSK
 - Amplitude Shift Keying or ASK
 - Legacy Mode
- Draft Engineering Brief (EB) will be developed in FY22 based on the performance requirements

Questions?