Modification of Standards (MOS) Update

Presented to: Eastern Region Airports Conference

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By:
AAS-100 Safety & Standards

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Modification of Standards (MOS)

Any deviation from, or addition to standards, applicable to airport design, material, and construction standards, or equipment projects resulting in an acceptable level of safety, useful life, lower costs, greater efficiency, or the need to accommodate an unusual local condition on a specific project through approval on a case-by-case basis.

An approved MOS does not constitute an exemption from Title 14, Code of Federal Regulations (CFR), Parts 139 or 77.



MOS

- An airport sponsor must submit a request for a MOS for:
 - (1) Any proposed deviations from standards during the review of airport design and siting standards.
 - (2) Any proposed design elements on an airport project not meeting standards.
 - (3) Any proposed (new scheduled) operations of a higher category of aircraft, regardless of the number of operations, or an increase in service level (for example from CAT I to CAT II) proposed to operate on existing infrastructure that does not meet the standards.

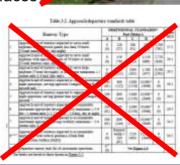


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MOS

- MOS cannot be used:
 - RSA dimensions
 - OFZ dimensions
 - Approach/Departure Surfaces
 - RPZ dimensions







MOS

 Draft FAA Order 5300-1G, Modifications to Agency Airport Design, Construction, and Equipment Standards

Purpose

- Establish a process for the initiation, revision, and coordination of MOS
- Foundation of a web-based automated application of MOS tool
- Workflow facilitated within Airports Geographic Information System (AGIS)



5

MOS

- Benefit of Automation Process
 - Streamline the timeline / process
 - Automatic notifications to concerned parties
 - Ability to archive MOS by categories to understand trends



U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

National Policy



Effective Date DRAFT 9/21/15

SUBJ: Modifications to Agency Airport Design, Construction, and Equipment Standards



MOS

The Order also:

- Establishes approval levels based on MOS category
 - Appendix A list all sub categories, responsible office and type of MOS that are not applicable
- Sets duration of most MOS Approvals at 5 years.
 - MOS on construction material are approved for the life of the project

Appendix A U.S. Department of Transportation Federal Aviation Administration

MODIFICATIONS OF AIRFORT DESIGN, CONSTRUCTION, AND EQUIPMENT STANDARDS

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MOS

Availability - Scheduled

- April Internal User Acceptance Testing (UAT)
- MOS Order 5300.1G signed: April 28th, 2017
 - · MOS automation tool accessible
 - Manual MOS processing per 5300.1G is still acceptable
- MOS submissions after October 1st, 2017 must use the automation tool

Training

- Familiarity webinars will be offered prior to October 2016.
- Walk users thru the MOS tool workflow
- Highlight main elements of the order
- Offered to external and internal users



Questions?

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