



**Notice of Temporary Rule  
June 5, 2019**

**Oregon Structural Specialty Code:  
Aviation Hangar Fire Suppression**

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**Purpose of the rule:**

This rule amends the 2014 Oregon Structural Specialty Code (OSSC) aviation hangar fire suppression requirements.

**Citation:**

Amend: OAR 918-460-0107

This rule becomes effective June 5, 2019.

**History:**

The Building Codes Structures Board (board) reviewed the temporary rule and associated code changes at its August 1, 2018, meeting. The board approved the code language for formal rulemaking. The division proceeded to formal rulemaking and is awaiting final approval from the Office of State Fire Marshal before filing a permanent rule.

**Effect:**

This rule amends the 2014 Oregon Structural Specialty Code (OSSC) aviation hangar fire suppression requirements.

**Contact:**

If you have questions or need further information, contact Richard Rogers, Chief Building Official, at 503.378.4472, or [richard.rogers@oregon.gov](mailto:richard.rogers@oregon.gov).



**918-460-0107**

**Aviation Hangar Fire Suppression**

(1) In addition to the amendments in OAR 918-460-0015 the Oregon Structural Specialty Code is amended pursuant to OAR chapter 918, division 8 showing the section reference, a descriptive caption, and a short description of the amendment.

(2) Effective June 5, 2019, Oregon Structural Specialty Code Section [F] 412.4.6 is amended related to aircraft hangar buildings.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 455.030, 455.110

Stats. Implemented: ORS 455.110

Hist.: New

## Effective June 5, 2019

Text denotation:

**Bold/underline** denotes new text,  
~~strike through~~ denotes deleted text.

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[F] **412.4.6 Fire suppression.** Aircraft hangars shall be provided with a fire suppression system designed in accordance with NFPA 409, based upon the classification for the hangar given in Table 412.4.6.

### Exceptions:

1. Where a *fixed base operator* has separate repair facilities on site, Group II hangars operated by a *fixed base operator* used for storage of *transient aircraft* only shall have a fire suppression system, but the system is exempt from foam requirements.
2. Aircraft hangars that have an aircraft access door height less than 28 feet (8534 mm), and do not have provisions for housing aircraft with a tail height over 28 feet (8534 mm), are exempt from foam requirements, provided the building complies with all of the following criteria:
  - 2.1. The building is surrounded and adjoined by public ways or yards not less than 60 feet (18 288 mm) in width, **or shall be provided with fire-resistance-rated exterior walls and separation distances in accordance with NFPA 409, Section 5.3.**
  - 2.2. The building is provided with an automatic sprinkler system throughout with a **minimum sprinkler** design density of **Extra Hazard Group 1** ~~0.25 gallons per minute (0.016 L/s)~~.
  - 2.3. The total fuel **contained in** ~~capacity~~ of all aircraft located within a single fire area does not exceed 5,000 gallons (18 927 L).
  - 2.4. No single fire area exceeds 65,000 square feet (3716 m<sup>2</sup>).
  - 2.5. The gross building area does not exceed 75,000 square feet (4288 m<sup>2</sup>).