

NFPA® 409

Standard on Aircraft Hangars Handbook 2011



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An International Codes and Standards Organization

NFPA 409 Standard on Aircraft Hangars Handbook 2011

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NFPA® 409
Standard on
Aircraft Hangars
2011 Edition

This edition of NFPA 409, *Standard on Aircraft Hangars*, was prepared by the Technical Committee on Airport Facilities. It was issued by the Standards Council on July 2, 2010, with an effective date of July 22, 2010, and supersedes all previous editions.

This edition of NFPA 409 was approved as an American National Standard on July 22, 2010.

▲ Origin and Development of NFPA 409

The original fire protection recommendations for the construction and protection of airplane hangars were published by the National Board of Fire Underwriters (NBFU), now the American Insurance Association, in 1930. Revisions were issued by the NBFU in 1931, 1943, 1945, and 1950. The 1943, 1945, and 1950 editions were published as NBFU Pamphlet 85. In 1951, the National Fire Protection Association organized a Committee on Aircraft Hangars, to which the NBFU and other interested groups lent their support. The NFPA's first standard on aircraft hangars was adopted in 1954, and the NBFU adopted the same text, rescinding its 1950 standard. Revisions were made in 1957 and 1958 by the NFPA committee. In 1959, a reorganization of the NFPA aviation activities resulted in the assignment of NFPA 409 to the Sectional Committee on Aircraft Hangars and Airport Facilities, which prepared the 1960, 1962, 1965, 1966, 1967, 1969, 1970, 1971, 1972, 1973, and 1975 editions. In 1978, the sectional committee was reorganized as the Technical Committee on Airport Facilities and completed a revision to NFPA 409. The document underwent extensive editorial revision and partial technical revision in 1984 and was again revised in 1990 and 1995.

For the 2001 edition, the fire protection requirements for Group I hangars were extensively revised, and new criteria were added for membrane-covered rigid-steel-frame-structure hangars.

The 2004 edition of this standard was a partial revision.

The 2011 edition of this standard is also a partial revision. Criteria have been added to clarify where sprinklers are required for smaller hangars such as those used by general aviation entities. Unenforceable terms have also been removed to comply with the *Manual of Style for NFPA Technical Committee Documents*.