Federal Steel Systems Announces Aviation Hangar Design Services for Personal and Commercial Use

February 26, 2026

ENGLEWOOD, CO - February 26, 2026 -
Federal Steel Systems, a steel building manufacturer and supplier operating out of Englewood, Colorado, has announced the formal expansion of its aviation hangar design and construction services to serve both private pilots and commercial aviation operators. The company is now accepting project consultations for hangar configurations ranging from single-aircraft personal structures to large-scale facilities designed for commercial aviation applications.

The announcement formalizes a service category that the company has been developing alongside its core commercial, agricultural, industrial, and residential building portfolios. Aviation hangars present a distinct set of engineering and permitting requirements compared to general-purpose steel structures, including specific considerations around door clearance, span dimensions, ceiling height, floor load capacity, and compliance with Federal Aviation Administration facility guidelines. Federal Steel Systems has positioned its design and engineering process to address these requirements as part of its standard all-inclusive building package.

Federal Steel Systems distinguishes its approach from standard kit building suppliers through a commitment to delivering stamped engineering drawings prepared for local permit submission. This is particularly

consequential in the aviation context, where hangar projects must frequently satisfy both local building codes and requirements tied to airport authority standards or FAA-adjacent facility guidelines. The company's packages include permit-ready submittals as a standard component, reducing the coordination burden on project owners during the approval phase.

"Aviation construction requires a level of precision and code awareness that goes beyond a standard steel building kit," said a company representative from Federal Steel Systems. "Our process is built around making sure that what we deliver is engineered for the specific application, not adapted from a generic structure after the fact."

Personal aviation hangars typically require clear-span designs that eliminate interior columns to accommodate aircraft wingspan requirements and maneuverability within the structure. Federal Steel Systems offers large clear-span building configurations as part of its established product line, making these designs available to aviation clients as a natural extension of existing engineering capabilities. Commercial hangar projects introduce additional variables including multi-bay layouts, ground support equipment storage, office and maintenance integration, and higher occupancy classifications that affect structural specifications.

The company's design consultation process begins with a detailed project specification review, during which engineering and sales staff work directly with clients to define the building footprint, door system requirements, insulation specifications, panel type selection, and any accessory systems required for the intended use. Federal Steel Systems then produces an engineered package tailored to the client's specifications and the applicable local code environment, which the company notes may include high snow load or seismic requirements depending on the installation location.

Federal Steel Systems has built its business around a stated commitment to transparent, straightforward pricing and complete, all-inclusive engineered package delivery. The company's position in the steel building industry is defined in part by its emphasis on avoiding the hidden cost practices it identifies as common in the manufacturing sector, a posture that has shaped its client relationships across commercial, agricultural, industrial, and now expanded aviation project categories.

The spring season historically represents an active period for aviation hangar project initiation, as property owners and airport lessees plan construction timelines around warmer installation windows and seek to secure engineering documentation for permit submission before peak construction months. Federal Steel Systems is currently accepting new project inquiries and has stated that its team is available to respond to consultation requests within one business day.

Clients pursuing an aviation hangar project can reach the Federal Steel Systems team by phone at 720-475-1354 or by visiting federalsteelsystems.com to submit a project inquiry and receive an initial estimate.

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For more information about Federal Steel Systems, contact the company here:Federal Steel SystemsNick Guinn720-475-1354info@federalsteelsystems.com23 Inverness Way East, #100Englewood,CO 80112


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Federal Steel Systems

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