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American Innovative Structures Completes Hangar



EVA Flight Training Academy provides top-level with high-quality flight training for EVA Airways' future pilots and to those pursuing a career in aviation. This new training facility and hangar was created to service the airport and house planes for the training academy at the Mather Airport, Mather, CA. An ABC custom pre-engineered metal building was chosen due to the quality and longevity of ABC metal.

"They wanted the longevity of the building, seeing other hangars at the airport, they saw older products that didn't hold color," explained Matthew Allen, senior project manager at American Innovative Structures. "They didn't want to be replacing parts over time."

The 17,430 square-foot facility includes a 59'6" x 210' single-slope and a 23'6" x 210' lean-to. The building utilized ABC's Standing Seam 360 roof panel in regal white.

American Buildings Company was selected for the color finish warranties, the use of American-made steel, and the quality of the steel products. Challenges were non-existent.

"It was pretty straight-forward. Using ABC's Tekla models integrated with our Revit models, made for a pretty seamless process,"



explained Allen. “We didn’t have any hiccups or issues, erecting this project, because we were able to foresee those issues with the models.”

American Innovative Structures, along with their sister company, McElhaney Structural Engineers, is a great fit for ABC’s design-build projects in the Reno, NV area.

“This allows us to collaborate with a structural staff, so we can get more complicated designs that have hybrids between metal buildings and structural steel, said Allen. “We can create those elements together. The design-builds that have architectural features are easy for us to complete.”

The project was a success all around. “The end client was extremely impressed with how quickly the building went up and the final product,” concluded Allen.

