



CASE STUDY
SKYWEST BOISE HANGAR





SkyWest, headquartered in St. George, Utah, is a leading air service provider, and partner to some of the world's largest network carriers including United Airlines, Delta Air Lines, US Airways, American Airlines and Alaska Airlines.

With a fleet of 484 aircraft, 61 operating stations and a team of more than 10,500 aviation professionals, SkyWest operates approximately 1,900 flights each day to nearly 219 destinations throughout North America.

In September of 2014, SkyWest announced its intention to build a new aircraft maintenance facility at the municipally-owned Boise Airport in Boise, Idaho.

The \$20 million project, which qualified for a \$1.3 million Tax Reimbursement Incentive from the state of Idaho, consists of 100,000 sq. ft. of hangar space with 35,000 sq. ft. of office space.

Big D Builders, an Authorized Nucor Builder, worked closely with the City of Boise and SkyWest to assess customer needs and design a solution that meets expectations. With a required clear span of nearly 400', Nucor's TrussFrame open web rafter system was a perfect fit for the SkyWest project.



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Production began in July of 2014 at Nucor Building Systems' Utah division. The hangar boasts a clear span width of 362' 4" – the largest span in the Pacific Northwest region in a pre-engineered metal building – and is 365' in depth.

Its TrussFrame rafters, fabricated by Vulcraft, are 15' deep, allowing for integrated mechanical, electrical, and sprinkler systems, as well as unimpeded overhead clearance of 62'. The solid web columns supporting the TrussFrame rafter system are an imposing 10' in depth. Nucor Building Systems worked with hangar door manufacturer Norco to integrate their product seamlessly with the Nucor building, and meet the needs of the customer.

The building's exterior is finished with Nucor's CFR™ standing seam roof panels, and Nucor Reverse Classic™ wall panels. In all, 1100 tons of Nucor steel went into the fabrication and construction of the SkyWest Hangar.

The entire building project took less than sixteen months from concept to completion. SkyWest took delivery of the finished maintenance facility at its grand opening ceremony on August 24, 2015, a mere ten months after breaking ground at the Boise Airport. Those in attendance at the opening included SkyWest's Operations Manager, Mayor David Bieter of Boise, and Idaho Governor Butch Otter.

"We're excited to have a new, state-of-the-art facility in Boise to help us keep our fleet in top condition," said Bill Dykes, SkyWest's Vice President of Maintenance. "In just 16 months, this project went from an idea to ribbon cutting and I couldn't be more proud of the partners who worked to pull it together," said Mayor David Bieter.



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Nucor Building Systems has been a leader in the design and manufacture of custom-engineered metal building systems for over three decades. With four locations and a network of over 1,200 Authorized Builders serving all of North America, our focus is on customer service, price, and quality. We are also dedicated to providing sophisticated building solutions for our customers that are energy efficient and environmentally friendly.

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