

PROJECT PROFILE

ME-01

Client:

Boeing Military Aircraft Company
3801 South Oliver
Wichita, Kansas 67210

Objective:

Design, furnish, and erect the structural system, for an aircraft hangar featuring an extremely large clear span interior

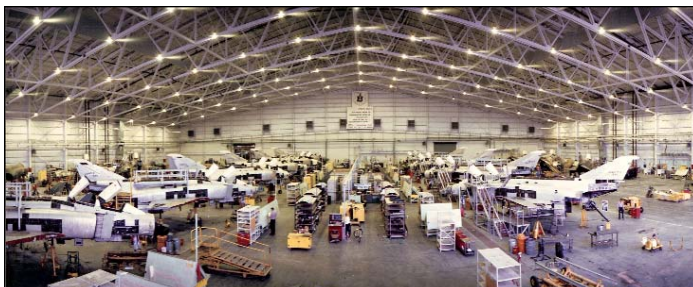
Performance Results:

Start Erection May 1984
Erection Completed January 1985

Perspective:

Boeing's developmental work on military aircraft required a lot of column-free interior width—360 feet, in fact. In addition, a separate building for a support and maintenance shop included a 40,000 square foot mezzanine. In total, the project covered 280,000 square feet. Computerized engineering and structural design capability was used extensively to complete the detail drawings with both speed and accuracy.

Boeing's work at this location is under strict security, requiring that contractors adhere to special procedures and accurately control work schedules and site access. BlueScope Construction completed its work well within Boeing's initial estimate.



- Location:** BMAC Mod Support Facility
3801 South Oliver
Wichita, Kansas 67210
- End Use:** Aircraft hangar and service and support facility
- Size:** Hangar: 360' x 309' x 57' with 3:12 pitch roof
Backshop: 360' x 355' x 24' with ½:12 pitch roof
- Features:** Mezzanine in backshop. 360' clear span interior in hangar. Security access required for all site work.
- Structure:** Hybrid design combining conventional and pre-engineered building components for most cost effective design
- Walls:** StylWall® metal wall panel system
- Roof:** MR-24® metal standing seam roof system painted white
- Insulation:** 4" vinyl back roof and wall insulation
- Engineering:** BlueScope Construction, Inc., Kansas City, Missouri



BlueScope Construction, Inc.
1540 Genessee Street
Kansas City, Missouri 64102-1069
816-245-6000 · FAX 816-245-6099
sales@bluescopeconstruction.com