

Northrop Grumman Aerospace Systems Aircraft Integration Center of Excellence - Building 100

Austin Services
Planning
Architectural Design
Engineering
Construction Management

Location
St. Augustine, FL

Facts & Data
366,000 SF



The Austin Company provided planning, design, engineering and construction services to Northrop Grumman in Melbourne and St. Augustine, Florida, along with multiple other locations nationwide.

In St. Augustine, Austin worked on the expansion of Northrop Grumman's Aircraft Integration Center of Excellence – the production home of the U.S. Navy's E-2D Advanced Hawkeye.

The new 366,000 SF aircraft manufacturing facility, known as Building 100, is located on an existing Northrop Grumman site and will support production of the E-2D Advanced Hawkeye Aircraft. The new facility replaces a smaller building, Building 7 – the former E-2D assembly building, which was demolished to make room for Building 100.

Austin broke ground for Building 100 and began a phased construction approach in January 2014. Phase A was completed in the spring of 2015 and includes a 220,000 SF aircraft assembly manufacturing high bay; 60,000 SF mezzanine and first levels; and 13,000 SF cafeteria and auditorium. Phase B, was completed in late spring 2016 and included 73,000 SF of support shops.

Phased project construction was necessary due to site limitations. The existing site included a parking lot and multiple buildings, all of which were demolished for Building 100 construction. In addition, considerable site work to reroute underground utilities and drainage was required.

Building 100 was designed, engineered and constructed with LEED® features and performance characteristics and was awarded LEED® Gold Certification.

Building 100 is related to Building 228 in Melbourne, another Austin project. Building 228 is a 210,000 SF aerospace engineering office and lab building completed in just 10 months from groundbreaking to occupancy.