

# Whidbey Island, Washington

## Air Traffic Control Tower Design

### CLIENT

U.S. Navy  
Naval Facilities Engineering Command  
Northwest  
Poulsbo, Washington

### REFERENCE

Gale Schaeffer  
Project Manager

### PROJECT FEATURES

- 121-foot air traffic control tower
- State-of-the-art communications equipment

### SERVICES BY BergerABAM

- Design/Build Request for Proposal
- 30 Percent Concept Design
- Project Management
- Utilities Coordination

### PROJECT DATES

2002 to 2003

### KEY STAFF

Mike LaNier  
Ruba Zumut  
Lee Marsh  
Joe Stockwell



*BergerABAM provided required seismic upgrades for the air traffic control tower at Whidbey Island Naval Air Station without long-term disruption of the training mission.*

The air traffic control tower exploration program at Naval Station Whidbey Island was part of a design/build project to prepare request for proposal (RFP) documents for the U.S. Navy for a new air traffic control tower at Ault Field. The BergerABAM team provided architectural and engineering services for the preparation of the RFP. The RFP documentation was tailored to provide coordination with the owners for government-supplied electronics and allow for a smooth installation of equipment once the tower was essentially complete. A 30 percent concept level design and drawings were developed and included as a part of the RFP documentation.

Elements of the work included development of geotechnical criteria; evaluation of soil for hazardous materials; a tower siting study; architectural design of the tower foundation, shaft, and control cab; electrical and mechanical engineering; communications; fire protection; and interior design. In addition, utility and communication lines and associated duct banks and points of connection to support the tower were addressed in the documents.

Significant user participation in the conceptual design process provided controllers at Whidbey Island Naval Air Station with a 121-foot air traffic control tower that included state-of-the-art equipment and an unobstructed view of the airfield.