



# Aviation Solutions

*We've Got You Covered*

Aircraft Hangar  
Barrow, AK



## Background

Alaska Dreams, Inc., an authorized distributor for Universal fabric Structures, was working with a client that needed a hangar to house aircraft and be used for storage. The structure also needed to be able to withstand the extreme conditions of Barrow, Alaska.

## Details

### 141' x 85' Custom Montana Series Structure

The steel-trussed post fabrication hot-dip galvanized fabric structure is covered with new white Ferrari PVC-coated, 24-oz., opaque premium fabric. The custom structure meets IBC 2006/9 Basic Wind Speeds of 120 mph, Exp. C and Ground Snow Loads of 53 psf to withstand the extreme winter months in Alaska.

The Montana structure also includes:

- Premium PVC-coated architectural fabric liner
- Personnel Door Frame
- Cargo Door Frames
  - (1) 14' x 12' Rear Gable Mount
  - (2) 12' x 12' Front Gable Mount
- 95' x 26' Megadoor® Hangar Door & Frame Support
- HVAC Framed Openings
- 25 year warranty on steel frame / 12 year warranty on PVC fabric





**All Universal Fabric Structures are designed for full compliance with IBC and ASCE 7 definition of unbalanced snow load, allowing the building to withstand snow drifting during harsh winter months.**

#### **About Alaska Dreams, Inc.**

Alaska Dreams, Inc. has actively produced the sales and construction of approximately 3 million square feet of industrial/ commercial buildings. Servicing the oil and mining industries along with city, state, federal government, and private sectors in Alaska and worldwide. The team at Alaska Dreams, Inc. works closely with our manufactures in product design and development to provide the best possible building solutions to all our clients.

Visit [www.alaskadreamsinc.com](http://www.alaskadreamsinc.com)

#### **About Megadoor®**

Megadoor is a subsidiary of Crawford Door of Sweden, one of the world's largest door manufacturers. With more than 15,000 doors in use worldwide, the proven performance of the Megadoor is diverse and unquestionable. As a leading manufacturer of doors for over-sized, unusual and difficult applications since 1971, MEGADOOR specializes in providing Opening Solutions.

Visit [www.megadoor.com](http://www.megadoor.com)

#### **About Universal Fabric Structures**

Universal Fabric Structures (UFS) is committed to providing high quality, cost effective, engineered fabric structure systems based on customer-driven needs. Established in 1983, the company has delivered on this commitment providing solutions for military, sport, industrial, and commercial and event applications. Projects include industrial enclosures (including rentals) for warehousing, aviation and environmental remediation.

Visit [www.ufsinc.com](http://www.ufsinc.com)