



BIG TOP TOPICS



Newsletter from Big Top Manufacturing

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Summer issue, 2008

Dear Big Top Friends,

How are you, Big Top friends? Under the sizzling hot sun, a glass of ice-cold water can quench your thirst. During the summer time, working environment outside may not be the first place you want to be. The first article introduces information about how fabric shelter structures can benefit your staff and valuable assets during hot summer time. The second article illustrates how Big Top helped a power plant to install an industrial shelter that met their needs. In addition, you can read about a major network's coverage of Big Top hangars in Iraq, announcements about our services, and brief news around Big Top. We hope you enjoy reading our newsletter! See you next issue...

Sincerely,

Big Top team

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1. Feature Article: Benefits of Fabric Structures during Summer

The installation of aircraft shelters clearly demonstrates how Big Top fabric structures can benefit aircraft crews as well as aircrafts during summer time.

In Yuma, Arizona, Big Top professional team successfully installed fabric structures used as flight line sunshades for the U.S. Marine Corp. The purposes of this project were to protect the station's aircrafts from the damage caused by heat exposure as well as to benefit the maintenance Marines working on the aircrafts in the station.



According to the independent, scientific test conducted by the U.S. Marine Corp, it was confirmed that there were significant differences in the temperature of aircrafts inside and outside in two conditions. All temperatures are in degree in Fahrenheit (See the table in this article).

Using two separate laser thermal guns, temperature readings were taken from the inside the cockpit of an AV-8B Harrier under the Big Top shelter and also from the same type aircraft on the flight line out in the sunlight. The temperature inside the cockpit of an AV-8B Harrier parked on the flight line reached up to 197 degrees. **When the same type of the aircraft was shaded by Big Top shelters, that temperature was lowered by 71 degrees** (125 degrees under the shelter). This scientific test provides empirical evidence that Big Top shelters enable aircraft crews to perform maintenance on aircrafts without risking heat-related injuries by reducing the temperature of aircrafts significantly.

Location in the aircraft	Aircraft under the Big Top Shelter	Aircraft in the direct Sunlight on the flight line
Window Canopy	125	196
Seat	97	168
Nose	120	144

2. Case Study: Mobile Industrial Shelters



Portable industrial fabric shelters: Alstom Power had unique needs to be met at their power plant. To work on power generators, this client needed a temporary work shelter that can be installed within a short time and wanted structural mobility on their job site.

To fully serve this client’s need, Big Top provided the lightweight frame, which allows the customer to install quickly and easily. And, to meet the client’s portability need, this industrial shelter was mounted on [swivel wheels](#) (see the photo in your right), which allow easy relocation on the job site. This custom-built fabric shelter project was successfully completed by G.W. Pridgeon at Big Top Manufacturing.



3. Big Top in News



UAV Military Hangars in Balad Air Force Air Base, Iraq:

Recently, a major news network reported the military use of MQ-9 Reaper, an unmanned aerial vehicle (UAV) in Iraq. According to Fox News, the Reaper, “built with offense in mind,” is able to carry millary weapon systems such as Hillfire missiles and laser-guided bombs. To protect the crew and state-of-the art “pilot-less” aircrafts from unfavorable weather in Iraq, Big Top’s [relocatable UAV hangar system](#) was selected. Big Top’s military hangar for the UAV was featured in this news.

You can read the detailed news story and can watch the news video about the combat mission of the Reaper in Iraq at FoxNews.com.

4. Announcements & News around Big Top

Announcements from Big Top-Maintenance Services Available: Big Top Manufacturing provides maintenance services for your fabric building structures and shelters. They include but are not limited to:

- **Tensioning Fabric Covers**
- **Adjusting Bolts & Nuts**
- **Securing Building Structures**

These services will increase the life of your fabric buildings & shelters at the maximum-level usability and we provide the services on a nominal fee. For more information, please contact G.W. Pridgeon at Big Top Manufacturing.



Big Top News-Fried Fish Luncheon at Big Top: Mm, mm, good... Sharing dish is one of good old traditions at Big Top Manufacturing, which started as family business in 1979. On June 26, Big Top shared good times having a fried fish luncheon provided by Big Top Manufacturing. Fish were caught in Gulf coast near Florida by sport fishermen in the company. The following persons at Big Top volunteered to prepare luncheon & cook fish for whole Big Top team: Tim Aldous, Scott Bailey, Jerome Clayton, Ron Coker, Brian Preman, G.W. Pridgeon, David Roberts, and Walt Sessions.

Contact the editor

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