

**Contact:**

Marty Matthews

(814) 866-8616

[martym@composiflex.com](mailto:martym@composiflex.com)

[www.composiflex.com](http://www.composiflex.com)

**FOR IMMEDIATE RELEASE****COMPOSIFLEX INTRODUCES FIRST-OF-ITS-KIND, NAVY-TESTED BOMB CONTAINMENT DEVICE SUITED FOR GOVERNMENT SECURITY PURPOSES, THE MILITARY, MUNITIONS TRANSPORT, CIVILIAN PROTECTION, AND AIRLINE/MASS TRANSPORTATION SECTORS**

*Composiflex's unique bomb containment device is suitable for a wide range of explosion-security needs because of its small size, lightweight properties and cost effectiveness. A key design element of the device is that it lacks a door, which historically was the "weak point" in bomb containment devices that necessitated their large mass and weight. Results of U.S. Navy testing showed Composiflex's bomb containment device successfully mitigated detonation of significant amounts of C4 (a military plastic explosive). With the product concept and technology in place, Composiflex is positioned to move the device to the next level for market readiness.*

ERIE, Pa. (June 25, 2007) – Composiflex, a global supplier of highly-engineered composite products, has introduced a first-of-its-kind bomb containment device that is cost effective, small (approximately 24" x 24" x 24") and lightweight (approximately 60 lbs.). The original concept for the device was developed and patented by Honeywell International and further refined by Composiflex for ease of use and aesthetic appearance.

Fabricated without a door on the unit, Composiflex's bomb containment device eliminates the primary weak point typically found in traditional containment devices. Other key features include ease of portability; design that can permit robotic operation and/or robotic transport; and materials that are radiolucent to X-rays, making the unit compatible with standard bomb detection equipment.

In a series of tests conducted by the U.S. Navy, the device successfully contained explosions of various amounts of C4, and a hand grenade.

Potential uses for Composiflex's bomb containment unit span government security applications, the military, munitions transport, civilian protection, high-security commercial business environments, mass transportation and airlines/airports, among others.

Particularly well suited for airplane explosion protection, the device when utilized properly could contain an explosion in a designated least-risk bomb location, as well as protect passengers from flying fragments.

A technical paper on Composiflex's bomb containment unit with photos, test results and additional details is available for download at:

<http://www.composiflex.com/images/uploaded/Composiflex%20White%20Paper.pdf>.

## *About Composiflex*

Designing and manufacturing advanced, high-performance composites for more than 20 years, Composiflex's strong suits are a knowledgeable engineering staff, "art-to-part" projects, cost-effective rapid prototyping of parts, a range of modern manufacturing technologies, and material selection expertise – all of which contribute to the company's reputation for producing composites yielding consistent quality and reliability.

Specializing in custom-designed composite products, Composiflex serves the industrial equipment, ballistics, armor/security, aerospace, military, medical device and recreational equipment markets. Some of the company's current product applications include:

- Lightweight ballistic plates, shields and personal armor
- Armor panels for both aircraft and vehicles
- Aerospace components
- Fatigue-tested, e-glass/epoxy, carbon/epoxy and temperature resistant springs for industrial applications and vibrator/conveyer systems
- Industrial automation components
- Robot arms
- Carbon fiber radiographic medical imaging tops and cradles, as well as radiolucent patient positioning and retracting devices
- Oncology breast boards
- Rigid and flexible orthopedic and orthotic devices
- Down hole drilling
- MRI components
- Recreational helmets.

Certified to ISO 9001:2000, Composiflex conducts operations in a 34,000-square-foot facility based in Erie, Pa. For more information, contact Composiflex at 8100 Hawthorne Drive, Erie, Pa., 16509, or visit [www.composiflex.com](http://www.composiflex.com). Phone: (814) 866-8616.

###