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Phyre Technologies, Inc. Announces Successful FAA Testing of Its Fuel Tank Safety System, to Prevent TWA 800 Type Explosions

ATLANTIC CITY, N.J., May 3 /PRNewswire/ -- Phyre Technologies, Inc., a San Diego based technology development company successfully demonstrated its GOBIGGS(tm) fuel tank safety system at the FAA's Atlantic City Technology Center. GOBIGGS(tm) (Green On-Board Inert Gas Generation System), is the first environmentally friendly system designed to protect aircraft from fuel tank explosions like TWA 800. This is the result of several years' development in the anticipation of a pending FAA ruling, requiring improved fuel tank safety systems on commercial passenger aircraft.

Over two weeks, various flight conditions were tested. This included ground operations, multiple rate ascents, descents, and high altitude cruising in a variety of warm and cold fuel tank conditions. Throughout all phases of operations, the gases in the fuel tank were maintained outside of the flammability envelope, protecting the aircraft fuel tank from internal explosive conditions.

CEO Stuart Robertson stated, "We are immensely proud of the test results. The performance of the device exceeded even our expectations. The successes of the last two weeks, in conjunction with our recent agreements with Rolls-Royce North American Technology Inc, give us the ability to take the technology to the next level."

In addition, the technology is "green". Unlike existing fuel inerting technology that exhausts fuel vapor into the environment, Phyre's GOBIGGS(tm) system uses a state of the art catalyst design that converts the fuel vapor into an inert gas that is recycled back into the fuel tank.

Phyre Technologies, Inc. is a closely held San Diego company, specializing in de-oxygenation, thermal stability, and fire prevention technologies, for stationary, mobile, air, and maritime industries.

For more information, contact:

Phyre Technologies, Inc.

Stuart Robertson

CEO

stuart.robertson@phyre.net

Previous release:

Phyre Technologies Announces Fuel De-Oxygenation System Agreement

<http://www.forbes.com/prnewswire/feeds/prnewswire/2007/03/06/prnewswire200703060900PR>

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