

April 2, 2004

## Taber<sup>®</sup> Industries Critical to Hypersonic Flight

Taber<sup>®</sup> Industries involvement with aeronautic history continued as NASA's X-43A hypersonic aircraft flew at a record speed of Mach 7 (in excess of 5,000 MPH), on Saturday March 27, 2004.

The flight originated from NASA's Dryden Flight Research Center, on a B-52 launch aircraft which carried the X-43A. The X-43A was mounted on a modified Pegasus booster rocket. The rocket boosted the X-43A up to its test altitude of about 95,000 ft. over the Pacific Ocean, where the X-43A separated from the booster and flew freely for several minutes.

The experimental jet used 26 of Taber's Pressure Transducers for engine control and fluid system safety/ health monitoring. The Transducers were sold to ATK GASL who built both the vehicle and the engine. The Transducers were required to operate under significant thermal gradients, vibration, acceleration, and pyrotechnic separation shock. The Program Manager from ATK GASL said "They were their normal rugged selves – we just expected them to do the great job that they always do. No doubt that Taber helped make the X-43A's record-setting flight a reality."



Since 1955, Taber Industries has been manufacturing pressure transducers. With a focus on critical pressure measurement applications, Taber was involved with the initial Apollo spacecraft launch in 1965. Since then, the company has been involved with numerous life support and flight hardware in space, aviation and military vehicle applications. Most recently, Taber supplied Transducers used on both Spacecraft that delivered the Rovers to Mars.

### **TABER Industries**

455 Bryant Street  
North Tonawanda, NY 14120  
716-694-4000

Daniel K. Slawson  
President

