

Application

SKT Sail Rocket

Application: Customer designed the “Sail Rocket” with the sole purpose of breaking the sound barrier while sailing. A custom pressure sensor was embedded in a unique housing unit to measure the atmospheric pressure. With the help of the sensor this team succeeded in breaking the speed record.

Customer Challenge: In need of a highly stable, noncorrosive, custom sensor that provides accuracy and reliability, all while immersed in water at the rear/bottom of the “Sail Rocket”.

Sensor Solution: Strain Measurement Devices produced the “Dead Eye”, a custom model pressure sensor. The sensor was mounted to the bottom of the Sail Rocket’s unique foil, which self adjusts to the water. The Dead Eye was welded securely inside a fitting and installed onto the boat with the intent of measuring the ventilation while flying through the water.



For more information on this one-of-a-kind design visit:
www.sailrocket.com