

Quieting the roar— ScaiTech exhaust systems

BY GEORGE WILHELMSSEN

Finding a product that benefits the cabin and environment at the same time is a rare occasion, but that is exactly what we found with the ScaiTech exhaust systems. These FAA approved systems (\$5,900) feature tuned pipes and a double-flux silencer, included in the exhaust system, which is constructed from durable and corrosion-resistant stainless steel.

The advantages of the system include reduced noise levels, from 9.3 db on a four-cylinder Cessna 172, to 14.6 db on a Cessna 152. In addition, the tuned design of the exhaust reduces engine back-pressure, which in turn improves the available horsepower of the engine by reducing horsepower lost to exhaust back-pressure. This translates to more horsepower available, meaning more miles to the gallon.

One of the key features for stress relief in the exhaust system was the inclusion of integral slip joints. The slip joints were connected by dual springs, and further protected from loss should a spring fail by redundant cable retaining lanyards.

A variety of aircraft are covered by the product, including the previously mentioned Cessna 152 and 172, as well as the Cessna 150, Apex Aircraft's DR400, and Rotax 912 powered aircraft.

The silencer portion of the exhaust system can be removed for service, with worn parts being replaced. The new system comes with a three-year warranty.

For more information, visit the company's web page at www.Scai-Tech.com.