



June 2016

**Farnborough International Airshow**

**July 11-15, 2016**

**Stand Number: Hall 4, Stand B38**

*For immediate release*

## **TRELLEBORG TO SHOWCASE PIONEERING ADVANCES IN RVA SEALING TECHNOLOGY**

Pioneering advances in sealing technology for rotary vane actuators (RVA) will be showcased by Trelleborg Sealing Solutions at this year's Farnborough International Airshow.

Trelleborg Sealing Solutions, which has been making highly developed seals for RVA for over 30 years, are set to attend the event which brings together leading experts from the global aerospace community.

The specialists in engineered polymer solutions has supplied RVA seals for primary flight controls, aircraft rudder dampers as well as Formula 1 cars and ships' rudders, and will demonstrate the latest examples of its work from Monday, July 11 at the five-day aerospace trade event.

Damien Savary, General Manager of Trelleborg Sealing Solutions Aerospace Hub Europe, said: "It is vitally important to take the requirements of the seal and bearing into the design considerations from a very early phase of the design of any high performance actuator.

"We are constantly pushing the barriers of innovation, and this can be seen through our developments in the RVA market. We pride ourselves on meeting challenges and are constantly striving to achieve exceptional standards."

Years of development and manufacturing found that sealing around the whole edge of the vane was more efficient than previous designs and helped to reduce any internal leakage.

The company has also created several unique manufacturing techniques which include milling, stamping and now even 3D printing, which are used depending on the actual design of the part and the number of seals required.

New RVA designs incorporating Trelleborg seals have several innovative features such as high power to weight ratio compared to traditional linear actuators and fewer moving parts, which increases reliability.

The world-renowned sealing manufacturer has worked hard on creating slim build profiles in line with market requirements, which allow the designs to fit into very thin wings or other applications with limited space.

**-Ends-**

**For more information or high-resolution images, please contact:**

Barry Clough,

Telephone: +44 (0)121 746 3668

Email: [barry.clough@trelleborg.com](mailto:barry.clough@trelleborg.com)



*Trelleborg Sealing Solutions and Trelleborg Group*

*Trelleborg Sealing Solutions is one of the world's leading developers, manufacturers and suppliers of precision seals. It supports its aerospace, industrial and automotive customers through over 20 production facilities and more than 40 marketing companies globally. Within its portfolio are some of the longest established sealing brands, including Busak+Shamban, Chase Walton, Dowty, Forsheda, GNL, Palmer Chenard, Shamban, Skega and Stefa along with a large number of proprietary products and materials such as Turcon®, Zurcon®, Orkot®, Isolast®, Stepseal® and Wills Rings®. [www.tss.trelleborg.com](http://www.tss.trelleborg.com)*

**Trelleborg** is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has annual sales of SEK 30 billion (EUR 3.25 billion, USD 3.60 billion) in over 40 countries. The Group comprises five business areas: Trelleborg Coated Systems, Trelleborg Industrial Solutions, Trelleborg Offshore & Construction, Trelleborg Sealing Solutions and Trelleborg Wheel Systems, and the operations of Rubena and Savatech. In addition, Trelleborg owns 50 percent of Vibracoustic, the global market leader within antivibration solutions for light and heavy vehicles. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap. [www.trelleborg.com](http://www.trelleborg.com).