

S.S. White Technologies, Inc.

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Airbus A350 Will Feature S.S. White Flexible Rotary Shafts On The New Generation Aircraft Engine's Thrust Reverser Actuation Systems For Successful Landings

Piscataway, New Jersey --- The new Airbus A350 will rely on S.S. White flexible rotary shafts to drive the Thrust Reverser Actuation System (TRAS) that opens deflectors along the rear side of the aircraft's high-performance engine nacelles to slow the aircraft down after landing to insure a safe arrival.

S.S. White will provide a set of four flexible rotary shafts per engine that are rotated at high speed to drive the actuation system that opens both halves of the thrust reverser panels upon landing. These same flexible shafts will also help lock the TRAS system to prevent it from inadvertently engaging during flight.

In addition, all aerospace flexible shaft products are designed to one of the industry's highest performance criteria by utilizing a unique computer modeling program developed by S.S. White called PERFLEXION. This program allows the design engineers to fully model the behavioral characteristics of the wire bundles within the shaft core and arrive at an optimum product that provides maximum bending flexibility and torsional strength while allowing minimal torsional deflection with up to a 30 percent improvement above accepted industry standards.

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S.S. White Technologies is a world leader in the design, engineering, manufacture and testing of a wide variety of flexible shaft products for the aerospace, medical, automotive and industrial markets around the globe. Almost all of the commercial and military aircraft platforms in the air today (except Russian) and more than one-half of US manufactured cars rely on S.S. White Technologies flexible shaft products. The company currently has manufacturing facilities in the United States, the United Kingdom and India.

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