S.S. White Technologies, Inc.

For Release: Immediately

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S.S. White Flexible Rotary Shafts Help Drive Rudder Trim Control On Gulfstream G100/G150 and G200 Business Jets

Piscataway, New Jersey --- S.S. White Technologies is the aerospace industry's leading performance-driven producer of aerospace flexible rotary shafts for the rudder trim control systems on the Gulfstream G100, G150 and G200 business jet platforms.

The aircraft's "flight control system power drive units" in the aircraft's tail sections transfer power through flexible shafts that rotate to activate a linear actuator that controls the rudder trim during flight.

S.S. White's POWER-FLEX aerospace qualified flexible rotary shafts are uniquely engineered to transmit the proper amount of torque to the linear actuator that establishes and controls precise rudder trim.

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 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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