

NAA NEWS

National Aeronautic Association



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Gulfstream G550 wins 2003 Collier Trophy for aviation *Safety features in long-range jet earn it title of last year's greatest advance*

Arlington, VA – The National Aeronautic Association awarded the 2003 Collier Trophy to the Gulfstream G550 team for developing an ultra-long-range business jet that included various technological and safety advances.

A committee of industry experts assembled by NAA determined the G550 was “the greatest achievement in aeronautics in the United States with respect to improving the performance, efficiency or safety of air or space vehicles,” the criteria for the annually awarded Collier Trophy. Gulfstream Aerospace Corp. partnered with Honeywell International, Kollsman, Rolls-Royce and Vought Aircraft Industries, Inc., to develop the jet.

The G550's greatest safety feature is Gulfstream's Enhanced Vision System. EVS allows pilots to see the runway and the surrounding area in conditions of limited visibility, such as at night or in fog. The system uses a forward-looking infrared camera that projects a real-world image on the cockpit's head-up display to give pilots unparalleled situational awareness.

The G550's PlaneView™ cockpit is another of the jet's groundbreaking features, replacing the normal system of dials and gauges with a stream-lined large-format display with graphic interfaces. The new cockpit design cuts down on the clutter from conventional flight decks--all flight information is not displayed at the same time, but all of it can be easily accessed.

The G550 also established itself as the aircraft that can fly the farthest in its class. On December 6, the G550 broke a record for Distance Without Landing, flying from Savannah, Ga., to Dubai, United Arab Emirates a distance of 7,546 miles, at an average speed of 549 miles per hour. The jet also flew around the world twice in 2003, once in four legs, another time in three legs.

Past winners of the Collier Trophy include Chuck Yeager for breaking the sound barrier (1947), the Apollo 8 (1968) and Apollo 11 (1969) missions, the Boeing 747 (1970) and NASA's development of the space shuttle program (1981). The first Collier Trophy was awarded in 1911 to Glenn Curtiss for development of the first seaplane.

The Collier Trophy will be presented to the 2003 trophy winners on May 19, 2004 at a formal dinner in Arlington, Va. NAA is a non-profit, membership organization devoted to

fostering opportunities to participate fully in aviation activities and to promoting public understanding of the importance of aviation and space flight to the United States.