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**ROLLS-ROYCE PRESENTS BR725 ENGINE TO POWER NEW GULFSTREAM G650**

Rolls-Royce today announced its fourth new engine programme in a year with the introduction of the BR725. The engine will be the exclusive powerplant for Gulfstream's new flagship corporate jet, the G650.

Rolls-Royce is the world's leading engine supplier for business jets with a 34 per cent share of the market.

The addition of the BR725 to the company's broad product portfolio marks the sixth new powerplant brought to the civil aerospace sector within the past six years. Its introduction further demonstrates the commitment of Rolls-Royce to delivering technological advances continually into the marketplace.

The BR725 is the most advanced member of the BR700 engine series. Its advanced technology and outstanding performance levels will enable the G650 to set new standards at the top end of the ultra-long-range corporate market. Over the next 20 years, these aircraft will operate in a market segment worth an estimated \$14 billion in engine sales.

Mark King, President – Civil Aerospace, commented: *"We are proud to have this opportunity to extend our highly successful relationship with Gulfstream, which builds on half a century of shared values."*

*"The BR725 brings to the market the most efficient and eco-friendly technologies currently available. Its outstanding levels of performance, economy and reliability make it the perfect partner for the G650."*

The BR725 combines proven features from the BR700 and Trent engine families with new technologies derived from ongoing Rolls-Royce 'Vision' technology acquisition programmes.

Designed for outstanding reliability, the BR725 will be supported by the industry-leading Rolls-Royce CorporateCare® services programme.

Compared with the highly-successful BR710, the BR725 is more powerful, with a maximum thrust of 17,000lb, is more than 4 dB cumulative quieter, has 4 per cent better specific fuel consumption and shows a 21 per cent improvement in NOx emissions. Design features include a 50-inch diameter fan assembly made up of 24 "swept" titanium blades for improved aerodynamic efficiency and lower noise.

Rig testing of major engine modules is progressing well. First full engine run is scheduled for spring this year, with initial flight test engines being delivered to Gulfstream towards the end of 2008.

Engine certification and start of flight testing are planned for summer 2009, with entry into service in 2012.

This year marks the 50<sup>th</sup> anniversary of the first flight of Gulfstream's original business aircraft, the G1, powered by the Rolls-Royce Dart engine. In recent years, Rolls-Royce has powered four high-performance Gulfstream business jets into service – the ultra-long-range G550 (2003), the G500 (2004) and the large-cabin, midrange G350, together with the long-range G450, both in 2005.

In December 2006, Rolls-Royce celebrated the delivery of its 3,000<sup>th</sup> engine to Gulfstream. No other civil aerospace customer has received more engines from Rolls-Royce.

#### **NOTE TO EDITORS:**

1. Rolls-Royce, a world-leading provider of power systems and services for use on land, at sea and in the air, has over the last ten years established a strong position in fast growing global markets – civil aerospace, defence aerospace, marine and energy.
2. Gulfstream aircraft powered by Rolls-Royce:

<b>Engine</b>	<b>Application</b>
Dart	G1
Spey	GII, GIII
Tay 611-8	GIV, GIV-SP (later G300/G400)
Tay 611-8C	G350, G450
BR710	GV, G500, G550
BR725	G650

3. BR700 series engines are manufactured by Rolls-Royce at its Dahlewitz facility in Germany. Nearly 600 BR710-powered corporate jets are currently in service.
4. Rolls-Royce powers nine in-production corporate aircraft, including: Bombardier Global Express and G5000, the Cessna Citation X, Embraer Legacy and Gulfstream G350, G450, G500, G550, G650. In addition Dassault has selected the Rolls-Royce RB282 engine to power their new super mid-size jet, the SMS.
5. Rolls-Royce powers 15 different in-service business jet types\* in a fleet of 2,100 aircraft. Over one third of this fleet is covered by a long-term maintenance agreement with Rolls-Royce.

<b>Engine</b>	<b>*Application</b>
Viper	HS125
Spey	GII, GIII
Tay	GIV, GIV-SP, G350, G450
BR710	Global Express, Global Express XRS, GV, Global 5000, G500, G550
AE 3007	Citation X, Legacy 600

6. CorporateCare® is the most comprehensive engine maintenance management programme for Rolls-Royce engines and is available for the BR725, BR710, AE 3007 and Tay. The benefits of this programme include predictability of costs, increased aircraft resale value and liquidity, prolonged product life and optimized engine performance.

**For visual material:**

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