



29 April 2008

**ROLLS-ROYCE COMPLETES SUCCESSFUL FIRST RUN
OF BR725 ENGINE**

Rolls-Royce, the world's leading engine supplier for business jets, has successfully completed the first run of its BR725 engine at its facility in Dahlewitz, Germany. The selection of the engine to power the new Gulfstream G650 aircraft was announced last month.

Dr. Rainer Hönig, Project Director – BR725 and Future Programmes, Corporate & Regional Engines, Rolls-Royce, said: *"The engine powered up first time and attained 80 per cent of its full thrust rating. It is demonstrating full functionality and is performing in line with targets set in the early stages of the programme two years ago. This first landmark has been made possible by the strong relationships with our partners and suppliers."*

The 16,100lb thrust BR725 is the most advanced member of the BR700 engine series and the sixth new powerplant added to the company's civil aerospace portfolio within the past six years.

The engine which performed the first run is one of five to be used in ground testing, while a further eight are earmarked for flight testing.

Compared with its highly successful predecessor, the BR710, the BR725 is more powerful and more than 4 dB cumulative quieter. It has 4 per cent better specific fuel consumption and shows 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. The new, all-composite nacelle has a new inlet cowl to house the larger fan, but the diameter remains the same size as on the BR710.

Initial flight test engines will be delivered to Gulfstream towards the end of 2008. The BR725 is scheduled to power the first flight of a Gulfstream G650 in the second half of 2009 and will enter service on this aircraft in early 2012.

NOTE TO EDITORS:

1. Details of the BR725 engine test programme along with an in-depth technical review will be shared at EBACE 2008 at 4:00 p.m., Monday, 19 May 2008 in Room 4, Hall 7.
2. Rolls-Royce is the world's leading engine supplier for business jets with a 34 per cent share of the market.
3. All 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 - the Bombardier Global Express and G5000, the Cessna Citation X, Embraer Legacy and Gulfstream G350, G450, G500, G550, G650. In addition, Dassault have selected the Rolls-Royce RB282 engine to power their new super mid-size jet, the SMS.
5. 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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