

Notice to Suppliers



Supporting Gulfstream's new Flagship – the G700 with the Pearl 700

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For the attention of the Managing Director

Scope/Applicability:

All suppliers within the Rolls-Royce Civil Aerospace Supply Chain.

Dear Supply Partner,

Introduction:

Gulfstream Aerospace Corp. announced recently, that the flight-test programme of its all-new, industry flagship Gulfstream G700™ is making progress with a number of accomplishments in testing and performance. The G700, introduced in October 2019, boasts the industry's most spacious cabin with the highest speeds at the longest range.

The G700 has flown more than 100 test flights, recently completed flutter testing and expanded the flight envelope at both high and low speeds. As part of Gulfstream's testing efforts, the aircraft also flew beyond its maximum operating speed and cruise altitude, reaching Mach 0.99 and an altitude of 54,000 feet/16,459 meters. In typical operations, the G700 has a maximum operating speed of Mach 0.925 and a maximum cruise altitude of 51,000 ft/15,545 m.

The G700 is powered by Rolls-Royce Pearl 700 engines and can fly at its high-speed cruise of Mach 0.90 for 6,400 nautical miles/11,853 kilometers or at its long-range cruise of Mach 0.85 for 7,500 nm/13,890 km.

In support of the continued success of this programme, we are pleased to confirm that certain elements of our technology demonstrator programme Advance 2 will be incorporated into the Pearl 700, which further enhances the performance of our engine offering.

It is our intention to implement this modification programme swiftly, with an executive system change being made to reflect an incorporation point at Engine 25.

Should you have any questions please contact your Rolls-Royce planning contact. We look forward to your continued support on this important programme.

NTS Category:

General Information / Communication

Authorised by:

Warrick Matthews
Chief Procurement Officer – Civil Aerospace