Boeing Business Jets Adds Flight Dynamics' Head-Up Guidance System

Boeing Business Jets today announced that it will install the latest Rockwell Collins Flight Dynamics Head-up Guidance System, the HGS® 4000, as standard equipment on all Boeing Business Jets (BBJ), including the BBJ 2.

A head-up guidance system displays critical flight data on a holographic transparent glass combiner positioned between the pilot and the windscreen. In addition to showing primary flight information, the HGS computes an extremely accurate instrument approach and landing guidance solution, and displays the result as a guidance cue for head-up viewing by the pilot.

The Flight Dynamics HGS 4000 has an improved low visibility takeoff guidance solution and new display features such as runway deceleration cueing, runway length remaining and an intuitive unusual attitude recovery cue. Another advantage is the lighter, more streamlined combiner and projector resulting in additional headroom for pilots.

"The most advanced feature of the HGS 4000 will be its ability to display upgraded raster images," said Mike Hewett, chief pilot at Boeing Business Jets. "This will allow the system to be integrated with future enhanced vision systems, synthetic vision systems and surface guidance system technology."

Boeing Business Jets was launched in 1996 as a joint venture between Boeing and General Electric. Designed for corporate and VIP applications, the BBJ is a high-performance derivative of the Next-Generation 737-700. The BBJ 2, announced in October 1999, is based on the 737-800 and has 25 percent more cabin space and twice the cargo space of the BBJ. Both provide unsurpassed levels of space, comfort and utility and are backed by a global support program with dedicated field service representatives.

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