



BOMBARDIER TO INTRODUCE HEAD-UP DISPLAY AND ENHANCED VISION SYSTEM OPTION ON BEST-SELLING CHALLENGER 350 AIRCRAFT

News / Business aviation, Manufacturer



- Lightweight Head-up Display (HUD) from Rockwell Collins will make the best equipped cockpit in the super mid-size segment even better
- The Head-up Display and Enhanced Vision System (EVS) will be available as an option on new *Challenger 350* aircraft orders and as a retrofit on in-service models
- The HUD and EVS bring unparalleled situational awareness and improvements in low-visibility conditions
- The *Challenger 350* jet was the top-selling aircraft of the super mid-size segment in 2017, and provides optimal cabin comfort with an ultra-quiet in-flight experience

Bombardier announced that it will be offering Head-up Display and Enhanced Vision System as an option on its best-selling *Challenger 350* business jets. The HUD and EVS will complement the *Challenger 350* aircraft's best-in-class baseline offering. These systems will further expand the advanced avionics functionalities of the aircraft, such as the powerful Synthetic Vision System (SVS) and sophisticated MultiScan™ weather radar, to reduce pilot workload and enhance overall situational awareness.

“Added to the *Challenger 350* aircraft’s already well-equipped flight deck, the HUD and EVS option will enhance the pilot’s situational awareness to provide passengers with an even smoother flight,” said David Coleal, President, Bombardier Business Aircraft. “The *Challenger 350* jet leads the market in unit sales, and our commitment to continuously innovate and elevate this aircraft clearly demonstrates our promise to offer our customers nothing but the finest experience on board the industry’s best-selling business jet.”

The *Challenger 350* jet features the best-equipped cockpit in its class. With the addition of the lightweight HUD, the aircraft will allow pilots to fly eyes forward in all phases of flight, most crucially during takeoff and landing. The flight deck on the *Challenger 350* aircraft provides critical flight information onto the HUD’s transparent screen. Without needing to look down, pilots can respond with greater speed and precision, while they simultaneously assess their surroundings.

For maximum situational awareness in all flight conditions, the HUD is elevated with a powerful enhanced vision system. The advanced EVS camera transmits live infrared imagery from outside the aircraft to the HUD, revealing runway lighting, surrounding terrain and possible obstacles on the runway. The HUD and EVS combination enables pilots to land with greater confidence. The HUD and EVS will be available as an option on new *Challenger 350* aircraft orders and can be installed as a retrofit on in-service models in Bombardier’s extensive network of service centres.

The *Challenger 350* aircraft boasts outstanding short-field performance and climbs quickly and directly to 43,000 feet, allowing passengers to reach their destinations efficiently. The aircraft is currently undertaking steep approach certification at London City Airport, a singular advantage that will give operators direct access to one of the world’s great financial centres. Final certification is expected imminently.

***Challenger 350* aircraft:** Designed with a no-compromise approach, the *Challenger 350* aircraft effortlessly blends powerful performance and sleek styling to deliver an unrivalled private jet experience. Industry-leading connectivity, immersive sound and ergonomically-positioned touch screens are seamlessly integrated to create an intuitive and incomparable cabin experience. Paired with impressive high-performance attributes, the *Challenger 350* aircraft is designed to access challenging airfields, climb faster, and cruise efficiently while providing a smooth ride. Standing the test of time, the *Challenger 300* aircraft series are the best-selling business jets of the last decade.

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