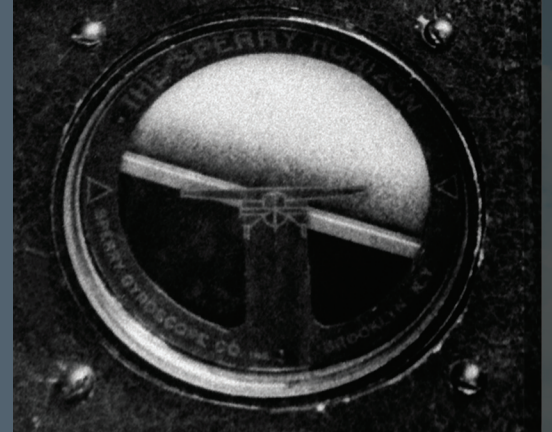


A clear view of safety

A better view of the world.

1929 Sperry Artificial Horizon → → →

Honeywell's award-winning SmartView is the industry's first certified and proven synthetic vision system. Its natural and intuitive 3D terrain display on the Primary Flight Display (PFD) complements lateral and vertical situational views by synthesizing key flight information for the crew and delivering it in an easy to understand way.



SmartView is built on the reliable foundation of Honeywell's Enhanced Ground Proximity Warning System (EGPWS) terrain database. The merger of the EGPWS database information with Honeywell's advanced HUD symbology provides pilots an ambient, natural and continuous view into their flight path, terrain, and navigational environment without changing the way the crew uses their PFD.

SmartView is a tactical decision-making tool that helps crews make necessary short-term decisions during flight. It complements Honeywell's Interactive Navigation (INAV™) used in Primus Epic® and Primus Apex® integrated avionics systems. INAV is Honeywell's navigation display that allows on-screen graphical flight planning. It is a strategic tool allowing the pilot to plan for events far in advance in the flight plan.

SmartView also helps pilots by backing up decision links in the accident chain even further, providing a new level of safety. It is a ground proximity tool, preventing decisions leading toward Controlled Flight Into Terrain (CFIT). Because SmartView is easily interpreted, it provides the crew with an increased margin of safety that helps balance workload.



SmartView Synthetic Vision for Dassault EASy II Upgrade

Why Honeywell SmartView?

Seamless integration of the terrain combined with advanced Head Up Display (HUD) symbology makes Honeywell's SmartView the most advanced synthetic vision product in business aviation. SmartView was developed through a rigorous human centered design process, logging more than 750 hours of flight

simulator testing and over 200 hours of flight testing on Honeywell aircraft under the most demanding conditions.

SmartView terrain data is obtained from the Honeywell EGPWS database that has a flight record of 600+ million hours of proven operation on commercial, business jets and helicopters and is credited with 30 CFIT saves. The database is continuously



updated and undergoes a thorough and strict validation and configuration control exceeding the DO200A compliance standards.

Features and Benefits

SmartView is a revolutionary product which will increase safety and situational awareness. SmartView is currently available on Gulfstream aircraft equipped with the PlaneView™ cockpit, and Dassault aircraft featuring the EASY flight deck.

- Performance-based HUD symbology helps the crew intuitively understand where the aircraft is going and makes energy-management of the airplane natural, reducing the risk of runway excursions and making it easy for pilots of all level of expertise to be proficient
- Range rings provide the pilot accurate distance information that's easily interpreted
- Display of obstacles enhance the pilot situational awareness in critical flight phases
- Runways markings — centerline, runway numbering and distance remaining markers – present a realistic airport environment and prevent runway incursions



SmartView Synthetic Vision for Gulfstream Certification Foxtrot PlaneView® Upgrade

- Advanced unusual attitude declutter gradually fades the terrain away when the aircraft is in an unusual attitude, allowing the crew to concentrate on the task of returning to steady and level flight, reducing the possibility of a loss of control of the aircraft
- Displays a natural 3D rendering of terrain, providing a view that pilots normally see only on a clear day

Award-winning technology



Global Customer Support

Honeywell's avionics are based on proven technology providing exceptionally high reliability and simplified maintenance. To help ensure optimal operation conditions, Honeywell provides comprehensive installation consultation and support tailored to the unique needs of each operator. Additionally, our product support services include regularly scheduled maintenance and pilot training courses and support documentation. When service is needed, our customer support engineers and service centers are strategically located around the world to provide efficient, responsive support. Honeywell remains unsurpassed in the scope and variety of services, which range from SPEX exchange of line replaceable units to personalized service contract designed to fit the resources and circumstances of every operation.

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