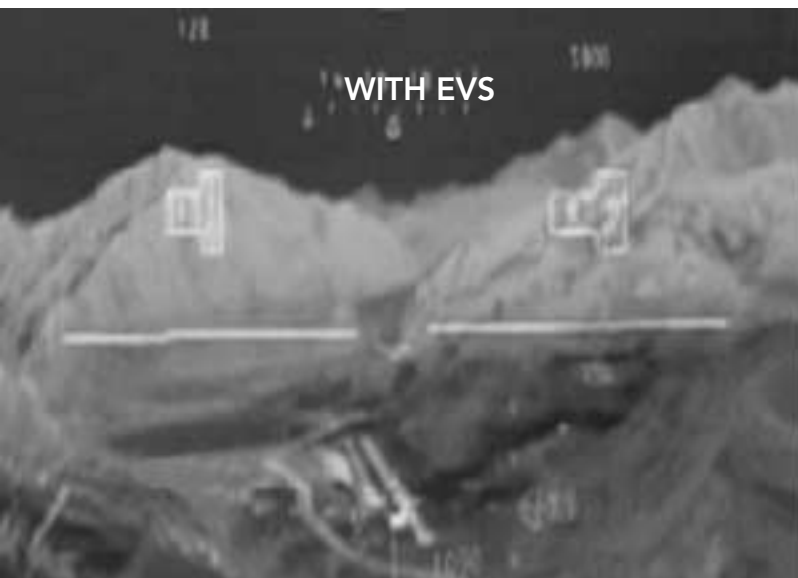


GULFSTREAM EVS PLACES A REVOLUTIONARY SAFETY STANDARD IN CLEAR VIEW



It has been said that the revolutionary Gulfstream Enhanced Vision System™ (EVS) is one of the greatest strides forward in aviation safety since the introduction of the instrument landing system in 1929. EVS, combined with the Visual Guidance System (VGS), delivers a level of situational awareness that pilots could only dream of before. The system provides a visual image of the airport and surrounding terrain in nighttime and low visibility conditions, giving flight crews the visual cues necessary for a safer approach in mountainous terrain. Unlike synthetic vision, the Gulfstream EVS has no database to update or maintain. Instead it looks ahead of the aircraft and reports to the flight crew what it sees – precisely and clearly.

AN INNOVATION IN INFRARED TECHNOLOGY

The Gulfstream EVS incorporates a specialized advance in infrared imaging technology, inspired by the Forward-Looking Infrared (FLIR) technology developed and manufactured by Kollsman. Working together, Gulfstream and Kollsman pushed infrared technology to develop a camera that operates in the shortwave infrared (SWIR) spectrum. This SWIR sensor is specially tuned to the frequency of runway lights, and is sensitive to the light inherent in the surrounding environment. The nose radome-mounted camera sends a picture to the Honeywell HUD combiner, giving the pilot an accurate and incisive look in low visibility conditions. Even at night, the Gulfstream EVS renders visible runway markings, taxiways, adjacent highways, and the surrounding landscape, drastically reducing the margin for error and for Controlled Flight Into Terrain (CFIT), the number one danger in aviation today.

Gulfstream pilots testify to a quantum leap in situational awareness and are decisively confident with the system. Even at such challenging approaches as Aspen at night, the Gulfstream EVS provides the explicit situational information needed for safe flying and landing decisions.



EVS OPENS UP THE WORLD

In addition to the overwhelming safety benefits of enhanced vision, Gulfstream's system offers practical operational advantages as well. On any ILS approach, even at Category I airfields, EVS-trained crews are permitted to descend below published minimums to 100 feet before visually detecting the runway or approach lights. With an EVS-equipped Gulfstream business jet aircraft, you can operate with greater safety in nighttime and low visibility conditions and have improved approach capability.

This far-reaching system, a Gulfstream exclusive, is a standard component of the Gulfstream G550™ and G450™ PlaneView™ cockpit. Gulfstream offers its EVS for installation on new aircraft and as a retrofit on in-service Gulfstream V®, Gulfstream IV-SP® and Gulfstream IV® business jet aircraft.

ALL THE RIGHT REASONS

At Gulfstream we have a long tradition of being first to market with technology that meets or exceeds customer expectations. We are committed to technology that envisions the future. With the Enhanced Vision System, we introduce a revolution in flight safety – a contribution with implications for the entire industry in the years ahead. Gulfstream EVS – for all the right reasons.

Learn more at GulfstreamEVS.com.

Gulfstream

ENHANCED VISION SYSTEM

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