



Unparalleled Visibility. Unprecedented Safety.



AerAwareTM

Complete Enhanced Flight Vision System

NEXT GENERATION GATE-TO-GATE VISIBILITY SOLUTION

AerAware™

Enhanced Flight Vision System (EFVS)

From gate-to-gate, AerAware is the complete EFVS solution that enables commercial aircraft pilots to "see" through low visibility situations in all phases of flight. This revolutionary system enables operators to get into and out of airports faster, safer, and more cost-effectively.

Developed in collaboration with Universal Avionics (an Elbit Systems Company), the system features dual SkyLens™ Head Wearable Displays (HWD) and a state-of-the-art multispectral camera providing superior heads-up capability both day and night. AerAware combines Synthetic Vision (SVS) and Enhanced Vision (EVS) along with Primary Flight Display (PFD) symbology, enabling aircraft to descend below published visibility minimums.



SAFETY BENEFITS

- 50% visual advantage over the naked eye: the highest of any commercial aircraft EFVS in the market
- Dual pilot HWD provides complete situational awareness
- Low visibility approaches without auto land
- Significantly enhances safety
- Supports better energy management allowing pilots to stay one step ahead of the aircraft

COST BENEFITS

- Reduces fuel burn, and emissions
- Improves operational efficiency
- Fewer delays, diversions, cancellations, and passenger travel disruptions



IMPROVED SAFETY IS POSSIBLE

Heads-up Guidance System Technology (HGST) - A Powerful Tool for Accident Prevention*

ACCIDENTS INVESTIGATED

123

LOSS OF CONTROL

341

TAKEOFF AND LANDING

110

MISCELLANEOUS

574

TOTAL ACCIDENTS INVESTIGATED

ACCIDENTS THAT LIKELY COULD HAVE BEEN PREVENTED WITH HGST

57%

LOSS OF CONTROL

69%

TAKEOFF AND LANDING

33%

OVERALL

344

TOTAL AVOIDABLE ACCIDENTS



*Data: Special Report-

Flight Safety Foundation Heads-Up Guidance System - A Clear Path to Increasing Flight Safety (2009)

EVS-5000 CAMERA



EVS-5000

AerAware utilizes the top-of-the-line Universal Avionics/Elbit Systems EVS-5000 multispectral camera which provides a complete gate-to-gate experience, during all phases of flight. The camera system combines visible light and longwave infrared sensors to display a comprehensive view outside the cockpit.

- Four (4) Internal Cameras
- Six (6) Internal Sensors
- High Resolution 1280 x 960 Pixels



BENEFITS

- Multispectral technology for improved imaging details
- High-resolution, high contrast
- Detects LED and incandescent runway lights
- Low visibility approaches to any airport without using an ILS (Instrument Landing System)
- Ability to see runway and taxiway environment/obstacles in low visibility conditions



**Reduces published visibility
minimums by 50%**

SKYLENS™ (HWD) HEAD WEARABLE DISPLAY

- Dual system provides both pilots with the same information
 - Improving crew resource management, decision-making and overall situational awareness
- Panoramic display allows pilots to look 180 degrees to either side
- Projects key Primary Flight Display Symbolology (PFD) including extended runway centerline, touchdown zone and remaining runway
- Light-weight and comfortable
 - Allows for preferred pilot seating location (no seat adjustment needed)
 - Wearable over glasses and headphones
- Only HWD display certified for commercial operations



OPERATIONAL ADVANTAGES

SAFETY

- Complete situational awareness under all circumstances and all phases of flight
- See the runway sooner, make decisions faster
- Supports better energy management, allowing pilots to stay one step ahead of the aircraft
- Enhanced vision during taxi operations provides pilots with early / enhanced vision of taxiways and ground operations

REDUCED COSTS

- Reduces delays, diversions, and cancellations
- Reduces scheduled flight time by allowing more direct routes

EFFICIENCY

- Provides dispatch and landing approach priority regardless of destination airport's infrastructure
- Mitigates traffic delays by allowing for alternate runways / approaches
- Minimizes seasonal weather-related route variances

REDUCED ENVIRONMENTAL IMPACT

- Enhanced route efficiency during low visibility weather contributes to lower fuel consumption and carbon emissions





EQUIPMENT AND INSTALLATION



Installation at any MRO within 3 to 5 days



AerSale will provide Training Manual, Training Program and Train the Trainer



Installation can be accomplished around aircraft maintenance schedule



Rotable pool of serviceable radomes and LRU's available



Structural and Electrical kits are manufactured by AerSale's in-house PMA division



AerAware simulator integration is available



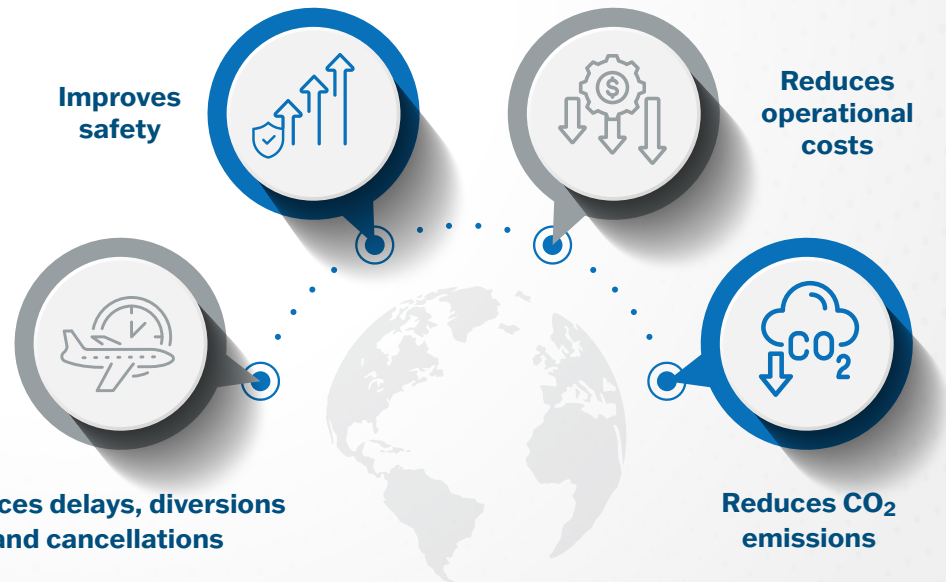
24/7 Customer Support

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APPROVALS AND CERTIFICATIONS

- FAA Certification Received
 - Supplemental Type Certificate (STC) for Boeing 737NG
 - STC04576AT
- EASA Certification in Progress



**EVERYTHING YOU NEED.
ONE INTEGRATED COMPANY.**



About AerSale

AerSale is dedicated to providing integrated aftermarket services and products designed to help aircraft stakeholder realize significant savings in the operation, maintenance and monetization of their aircraft, engines and components.

OUR SERVICES

- Engineered Solutions
- Asset Management
- Engine and Aircraft Sales and Leasing
- Materials USM
- Aircraft MRO
- Component MRO

OUR SIGNATURE PRODUCTS

AerAware™

AerSafe®

AerTrak®



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