

# Rockwell Collins EFVS-4860 Enhanced Flight Vision System



With the EFVS-4860 you improve mission flexibility, situational awareness and flight precision.

Rockwell Collins EFVS-4860 Enhanced Flight Vision System for Dassault Falcon 2000EX, 2000DX, 900EX and 900DX aircraft fully integrates live infrared imagery of the landing environment with precise head-up guidance cues, providing improved landing performance and increased situational awareness during all phases of flight.

With the advanced avionics technology of the EFVS-4860 on board, you have increased flexibility to land more places, more often, in more weather conditions – further enhancing the utility of your extremely versatile Dassault Falcon business jet.

## KEY BENEFITS

- › Enhances crew awareness of the aircraft's position relative to the runway and surrounding terrain
- › Improves monitoring and control of the aircraft's energy state and flight path through intuitive display of attitude, path vector and acceleration
- › Improves stability and precision on all landing approaches, including "black hole" approaches to airports not equipped with precision landing aids

## FEATURES

- › Full field-of-view infrared video overlaid on head-up display allows pilots to see the runway environment before it's visible to the unequipped eye
- › Inertial flight path indication provides instantaneous symbology of where the aircraft is headed
- › Runway remaining display during landing rollout contributes to smoother deceleration
- › Crosswind and wind shear indications enable more accurate flight path control while keeping pilots' attention focused outside the windscreen

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### HGS®-4860 SPECIFICATIONS

Total display field-of-view	30° vertical by 30° horizontal
Instantaneous & binocular field-of-view	30° vertical by 30° horizontal
Display brightness	>2,000 ft-L
Reliability	>25,000 hours average: LRU MTBF
Bit coverage	>95%
Total power consumption	<200 watts @ 28 VDC
Combiner design	One-hand stowable Alignment fully monitored
System LRUs weight	<59 pounds (27 kilograms)

### EVS-CAMERA SPECIFICATIONS

CMC 2600 Suresight® IR sensor	256x256 pixels using InSb technology
Sensor display field-of-view	28° vertical by 30° horizontal, F/2 lens
Configuration	Single LRU IR sensor
Total power consumption	IR sensor <95 watts @ 28 VDC IR window <300 watts @ 120 VAC
System LRUs weight	<20 pounds (9 kilograms)

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



Pilot's View Without EVS-4000



Pilot's View With EVS-4000

### Building trust every day.

Rockwell Collins delivers smart communication and aviation electronics solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

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