

Seeing is avoiding.

Every minute of every day in every corner of the world a helicopter is performing a critical mission. Often those flights are conducted at low altitudes, in visually restricted conditions and at unfamiliar, off-airport locations.

These types of operations put a great deal of added stress on flight crews. Statistics show high-workload, low-visibility situations are the leading cause of controlled flight into terrain (CFIT) accidents.

Fortunately, there is a technological solution to CFIT accidents. Rockwell Collins Helicopter Synthetic Vision System (H-SVS) gives pilots a “real-world” view of the terrain and obstacles along their flight path.

These high-resolution displays enable helicopter pilots to “see and avoid” even when they can’t see outside the aircraft.

H-SVS is part of the Rockwell Collins HeliSure™ product family – the only complete helicopter portfolio offering increased situational awareness through a unique combination of integrated visualization, displays, sensors and database components.

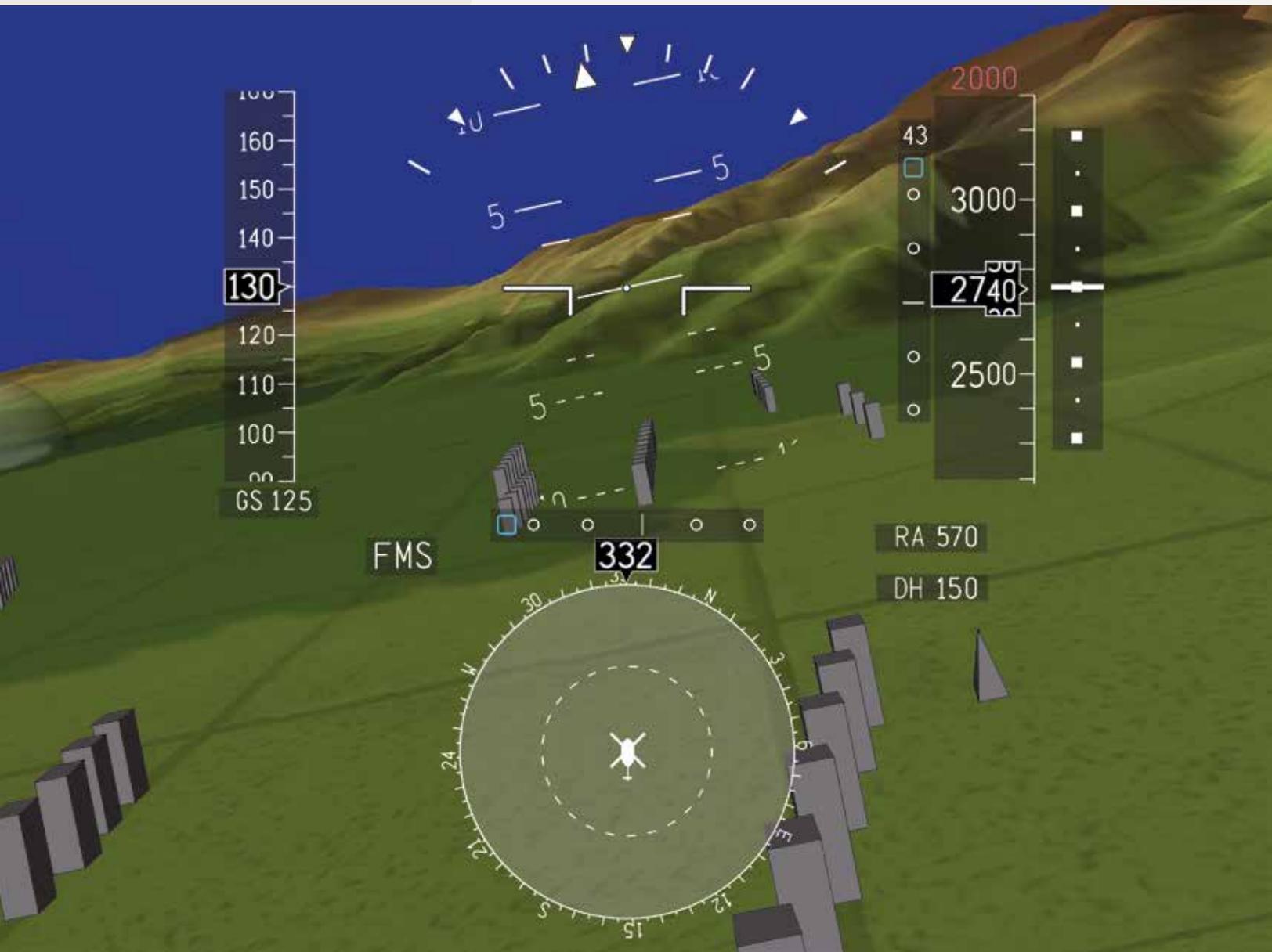
The H-SVS perfectly matches the outside world.

Many operators require more situational awareness, particularly in Degraded Visual Environments (DVE) where an accurate landscape understanding becomes critical.

Rockwell Collins created H-SVS as a fully integrated software solution that when combined with our high resolution large area displays provides pilots with the best possible view of terrain and obstacles along their flight path.

Another advantage of H-SVS is its high-resolution terrain and known obstacle database with 3-arc second resolution. It delivers the most detailed display available today.

Our H-SVS solution is the only one backed by the Rockwell Collins global support network.



HELICOPTER SYNTHETIC VISION SYSTEM – THE DIFFERENCES ARE CLEAR.

Synthetic vision. Real benefits.

Creating a natural 3D image allows pilots to benefit from features such as optimized shading and texturing of terrain and large bodies of water, as well as obstacles and advanced depiction of heliports and helipads. The combination of technologies creates near-lifelike images that provide great textural detail. These high-resolution, color-enhanced images give pilots a greater degree of confidence when operating in unfamiliar areas.

Approaches and landings at unfamiliar airports and helipads are made easier through positioning and relative motion cues to help accurately judge the helicopter's actual current relationship to terrain and obstacles.

The result is that pilots operating helicopters at low altitudes over unfamiliar terrain in degraded visual environments will enjoy greater situational awareness and safety.

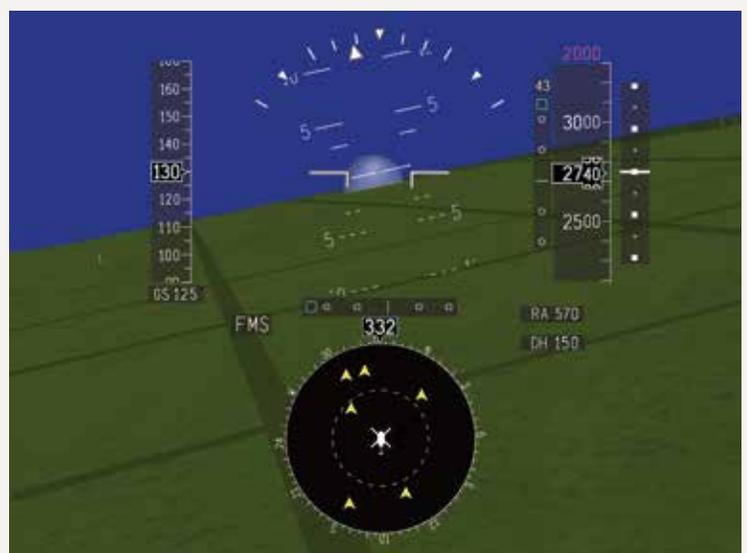
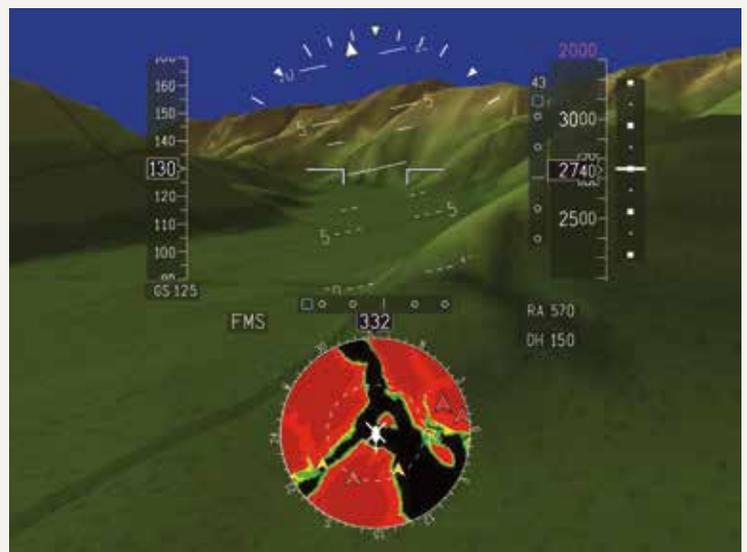
Multiple awareness solutions. One proven supplier.

As impressive as its safety enhancements are, our H-SVS is just one part of Rockwell Collins' growing selection of situational awareness solutions.

Depending on the type of equipment installed on the helicopter, H-SVS displays can integrate with a host of other situational awareness enhancements, including our Helicopter Terrain Awareness and Warning System (H-TAWS), Traffic Collision Avoidance System (TCAS) and weather radar (WXR).

And because all of our situational awareness systems are based on an open architecture, software upgrades are quickly and cost-effectively accomplished. This ensures that you are always flying with the most advanced capabilities available.

So whether you are flying in hazardous terrain, areas highly populated with wires and other vertical obstacles, or simply low visibility conditions, you can trust Rockwell Collins' array of new-generation situational awareness enhancing systems to help you complete every mission.



Building trust every day.

Rockwell Collins delivers smart communication and aviation electronic 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.

For more information, contact:

Rockwell Collins France
6, Avenue Didier Daurat
BP N°20008
31701 Blagnac Cedex, France
tel: +33.5.61.71.77.27
fax: +33.5.61.71.78.34
email: customer@rockwellcollins.com
www.rockwellcollins.com

**Rockwell
Collins**

Building trust every day