When conditions are at their worst, situational awareness at its best.
Helicopter flight crews must operate in some of the most extreme environments in the world. Whether they are part of an emergency medical response team, an offshore oil-platform transportation crew or law-enforcement agency, their mission is the same: Get in, get the job done and get out successfully. All too often in degraded visual conditions and unknown landing areas.

HeliSure™ flight situational awareness solutions helps them do just that.

Within the HeliSure family, a variety of innovative technologies provides the right mix of capabilities for your helicopter operations. Wherever your crews fly, on aircraft small to large, only HeliSure provides a complete portfolio for superior situational awareness and maximal efficiency.

Features and benefits include:
- All-weather operations
- Empowering user interface
- Pilot workload reduction
- Flexible scalability
- Optimized size, weight, power and cost

Detection makes the difference

Helicopter pilots must contend with a variety of operating environments that can affect the safety of their flights. HeliSure offers proven detection technologies that can enhance situational awareness across a broad range of areas. Among them: short- and long-distance obstacle detection; traffic avoidance; and terrain awareness, enhanced with near real-time weather information from off-board sources.

No matter what the environment (sea, mountain, desert, urban, etc.) or time of day, HeliSure gives helicopter crews the situational awareness they need to help them safely reach their destinations.

Unprecedented combination of database and real-time sensor data in a 3D visualization

Reduce pilot workload while providing your crews with an unrivaled array of information about the environment both outside and inside the aircraft. HeliSure delivers sensor data in real time through an intuitive user interface that features 3D visualization for information that pilots can easily, quickly and effectively process.
Scalable solutions from small to large helicopters

Flexibility makes HeliSure virtually platform agnostic. Install it on light, medium and heavy helicopters. The same flexibility also makes HeliSure compatible with many different system configurations – whether as a stand-alone or highly integrated with other avionics.

Optimized size, weight, power and cost

As effective and efficient as HeliSure is for pilots, it offers the same advantages to your overall flight operations. The system’s footprint, including power consumption, is designed to keep its value strong.

Open system assures efficient growth path

Depend on your HeliSure system to deliver highly advanced capability today and tomorrow. Its open system software architecture makes technology upgrades simple and cost effective.

From Rockwell Collins, trusted provider of helicopter avionics

For more than 30 years, Rockwell Collins has been engineering innovative avionic solutions for commercial and military helicopter cockpits of all sizes. Our proven capabilities fly on helicopters in some of the most demanding environments around the globe.
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.

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