

Safety, efficiency, and mission-critical confidence at your fingertips.

Helicopter operators are expected to perform tasks that no one else in aviation could even attempt, and basic weather information doesn't satisfy these unique needs. AviationSentry Helicopter Edition was designed from the ground up to provide the most comprehensive real-time meteorological flight solution on the market. It arms you with everything you need to guarantee absolute confidence in the demanding environments you face, day and night, anywhere in the world.

How it works

Patented Flight Hazard forecasts to better determine low-altitude weather-related risks.

Colorized graphical map layer for VFR, MVFR, IFR, and LIFR flight categories updates hourly.

Fast access to dynamic layered weather information.

Trip planning tools to quickly access weather information within your radius of action.

"Flight risk" checklist provides risk assessment and flight profile information.

PrecipTimer® sounds alarms when threatening weather is imminent.

AviationSentry Helicopter Edition

A clear view over the horizon, before takeoff and beyond.

"At a moment's notice" doesn't even begin to describe the urgency with which you have to make critical decisions in the helicopter operations center. That's why we've placed an unprecedented array of the best weather data in the world in an easy-to-use package that offers such robust customization and intuitive organization that you'll always have the weather intel you need to avoid surprises, achieve your objectives, and manage safe flights.

Realize the power of total control

- Information streams customized to your operations for instant, clutter-free go / no-go decisions.
- Ensures operations meet US AO21 and EU JAR OPS III Ops Specs.

The DTN advantage.

Designed for helicopter operators

- VAD winds and Storm Mean Velocity from single-site radar.*
- Low-level wind forecasts for 1,000, 3,000, and 5,000 feet.*
- Density altitude information with additional elevation and temperature data relevant to engine performance.

Improve the safety, timeliness, and efficiency of your flights

- Patented precipitation timing and 90-minute future radar capability.*
- Night-flight support with moonrise and set, phase, and illumination.
- Exclusive access to the DTN team of 50 meteorologists via the OnDemand consulting forum.

More intelligence for more safety

- Access to more than 30,000 observation points beyond METAR for remote operations.
- Enhanced METAR and TAF displays.
- View high-resolution Eddy Dissipation Rate turbulence.
- NASA-based aircraft-specific icing.
- Global "radar-like" thunderstorm forecasts.

*U.S. only

"Our helicopters try to be in the air within 10 minutes of receiving a call. This helps them know when it's safe to go up."

Mercy Flights