

VAISALA



How to gain deeper situational awareness for greater flight safety with new ceilometer technology

What's in the atmosphere can make the difference between safe and unsafe flight conditions. Greater understanding of what's in the air helps airport meteorologists and decision-makers evaluate potential risks and make informed decisions.

The Vaisala Ceilometer CL61 features new and unique measurement technology that goes beyond reporting cloud base height to offer a much deeper understanding of what is happening in the atmosphere above the airport.

The result: Deeper insights for greater situational awareness that supports better decision-making for safer air travel.

Icing conditions



Icing conditions are a major hazard for aircraft. The CL61 is able to provide information about the cloud composition with regards to its state and the precipitation type in order to identify potential icing conditions.

Volcanic ash and dust



Dust and volcanic ash can reduce visibility, damage aircraft instrumentation and even cause jet engines to fail.

CL61's new measurement technology helps to identify the presence of these potentially harmful particles in the atmosphere so that airports can operate safely and efficiently without unnecessary interruptions.

VAISALA

Trusted aviation weather from cloud to ground

Every single flight around the world will at some point use weather observation produced by Vaisala equipment and/or forecasts driven by Vaisala sensor observations.

Learn more about how the Ceilometer CL61 helps airports and airlines to operate with greater safety.

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