

## AEROSCOUT AND ITS CUSTOMERS ACHIEVE PRECISE LOCATION ACCURACY WITH HONEYWELL NAVIGATOR

Honeywell HGuide n580 INS/GNSS navigator delivers precise navigation information for UAV hardware and service provider



“ We have used the Honeywell navigation unit under different weather conditions and temperatures and in different fields of flight and it has remained very reliable. The performance that we achieve is even better than what is given on the data sheet. We have never missed any data collection during the flights and that is very important for us. ”

*Dr Christoph Eck, founder and general manager, Aeroscout*



### Overview

Whether it's powerline inspections, 3D mapping or surveillance, Swiss company, Aeroscout, uses its industrial unmanned helicopters equipped with light detection and ranging (LiDAR) equipment to capture aerial imagery and conduct inspections worldwide. Accuracy of location and orientation data is vital and to ensure that the company has the most precise navigation data in GNSS-denied environments, Aeroscout has chosen Honeywell's HGuide n580 inertial navigation system/global navigation satellite system (INS/GNSS) navigator.

### Quick Facts

#### Customer

- Name: Aeroscout
- Location: Lucerne, Switzerland
- Industry: Unmanned helicopter services
- Website: [www.aeroscout.swiss](http://www.aeroscout.swiss)

#### Why the customer chose Honeywell

- Requirement for precise rotation, orientation, position and acceleration information
- Impressive navigational performance even under adverse conditions
- Honeywell's technical team suggests ways to optimize data accuracy

#### Customer results

- Performance is even better than that given on the product data sheet
- Outstanding reliability – even when operating in difficult weather conditions
- Data accuracy within a few centimeters

View full [video](#) 

#### Honeywell Aerospace

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