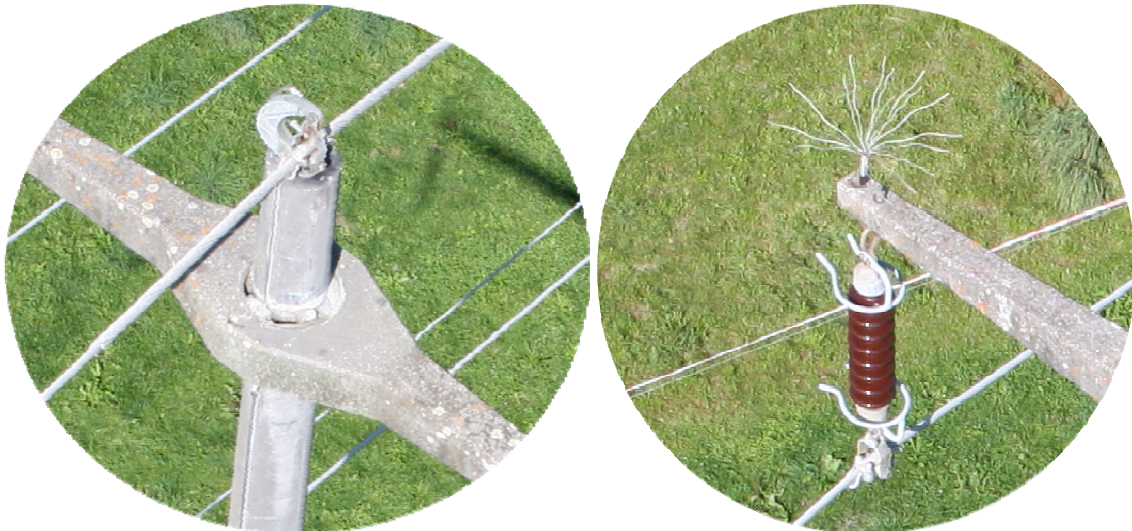


Aeroscout UAV Services

Airborne Photography With UAV Photo Helicopter



GENERAL Aeroscout provides various services with different UAV systems. This includes the UAV photo helicopter for airborne photography. The photos can be taken manually by individual commands at the ground control station (GCS) or the photos can be taken automatically at pre-defined GPS positions with a pre-defined overlapping percentage of the photographs.

UAV SYSTEM The helicopter used for airborne photography provides a free payload capacity of up to 3 kg. The flight control system FCS is already fully integrated and ready for automatic take-off and landing. The manual backup is also available. The fuel tank of 1l allows typically up to 25min of flights.

FEATURES The UAV photo helicopter can easily be programmed for a specific mission, different photo cameras can be used, and for each picture the exact position and attitude of the helicopter is stored onboard. In addition, the triggering of the airborne photographs can be done automatically based on the pre-defined camera installation (e.g., type of lense) and the desired overlapping factor of the pictures. After landing, all photos are available in high resolution together with the GPS position and attitude text file. The UAV photo helicopter has already been used for **advertising, mapping, inspection, cartography, and documentation** of various industrial and agricultural areas.

INFORMATION For further information please contact Aeroscout GmbH, Switzerland.



Aeroscout UAV Services

RENTAL SERVICE The Aeroscout rental services include the following tasks:

- Preparation of the UAV photo helicopter and the flight control system (FCS)
- Clarification of the customer requirements and the customized installations
- Clarification of flight permission(s) and flight insurance
- Flight mission planning and pre-flight testing (incl. map of flight area)
- Camera installations and photo triggering automatic
- On-site setup of the flight crew (UAV operator and manual backup pilot)
- Picture download and text file download and storage
- Hand-out of all aerial photographs on a CD combined with the GPS coordinate file

COST CALCULATION For each service project, Aeroscout provides an individual and transparent quote including the following items:

- Rental fee of UAV system with experienced UAV operation team
- Cost of customized installations (e.g. special cameras, lenses, photo triggering)
- Traveling and lodging fees
- Flight mission planning and flight assistance
- Administrative cost (e.g. permission, insurance)
- Full rights of all pictures taken during the flight

SERVICE GUARANTEE Invoicing with final handout of photo CD with all aerial recordings.

