

Digital video photogrammetry

Digital survey flights can be carried out at different altitudes and with a wide variety of video camera systems. Our in-house IT company and other business partners enable us to deliver the data requested by the customer quickly and precisely in a variety of formats.

Observer flights

Our Partenavia P68C used for offshore observer flights is equipped with soft leather seats and bubble windows enabling observers to have an excellent view downwards and to the side while seated comfortably in the aircraft during long missions across Europe. Our crew are approved for low level flights down to 250 ft approved by the authorities in orde to precisely identify and count wildlife.



On-demand remote sensing operations

Our aircraft can be equipped with various sensor types to meet your needs for remote sensing data. Our company is ready for future-oriented investments in our fleet and together we will find a solution for your specific remote sensing task at hand.

References | Partners

- IfAÖ Institut für Angewandte Ökosystemforschung GmbH
- GICON-Großmann Ingenieur Consult GmbH
- Stiftung Tierärztliche Hochschule Hannover TiHO
- Services ARDEX Aviation Maintenance GmbH
- Dimap Group
- Flight school Lübeck GmbH



We are looking forward to your call.

CAO maintained




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Flight - Services

- Photogrammetry
- Video surveys DAVIS
- Foto surveys DAISI
- On- and Offshore surveying
- Digital surveying
- Hyperspectral Imaging HSI
- Mammal observations
- Environmental monitoring
- Fire monitoring
- Remote sensing operations



Environmental monitoring



Mammal observations

Digital photogrammetry

Digital survey flights can be carried out at different altitudes and with a wide variety of camera systems, e.g. video or photo systems such as Hyperspectral Imaging HSI, DAVIS or DAISI.

We can install additional camera systems in order to provide the customer with appropriate image data.



HSI camera systems built into a hatch



Camera hatch



DAISI



Partenavia P68C

Digital offshore surveys

Due to legal requirements, environmental investigations have to be carried out before and during the construction as well as during the operation of (offshore) wind farms.

For these studies, we fly surveys with remote sensing devices such as DAVIS (Digital Aerial Video Imaging System) and DAISI (Digital Aerial Imagery System by IfAÖ). During each flight, thousands of digital photos or videos of the sea surface in the vicinity of wind turbines are recorded and afterwards evaluated.

Our modified twin-engine aircraft Partenavia P68C is used, which is characterized by its reliability, aerodynamic stability and enormous total flight time (approx. 7.0 hours). This aircraft is flown by professional pilots with an ATPL license and regular training. The safety aspects of the HSE department always come first. Our flight operations are regularly checked by the aviation authority.

