As specialists in aerial work throughout the UK energy and utility industry, we are able to provide you with aerial surveys, inspections and technical load lifting solutions.

We provide continued support throughout your aerial work requirements using only the latest technologies and equipment. Rest assured all work will be conducted efficiently, safely and to the highest standard possible.

Our annual Achilles and ISO audits with scores reaching 100% demonstrate our commitment to safety.
Overhead Power Line Surveys

Thermal, IR Corona & HD Footage

Aerial surveys are supported by a high specification 4-in-1-camera system. Recording multiple sensors in one flight, aerial surveyors can cross-reference HD footage for video, thermal and IR corona.

In addition, a bespoke cloud-based reporting software allows detailed data acquisition. Inspections can be analysed quickly throughout flight for fast reactive asset management of any major hazards and anomalies that are detected.

The 4-in-1 camera designed and developed by SWE systems holds the: Infratec HD IR Vario 3 Cam, Ofil Bi-Spectral UV, Sony HD FCB-EH6500 and 36 mega pixel Nikon D800.
Thermal Surveys

Thermographic Inspections

Thermal inspections via helicopter not only benefit from the ability to cover large areas or buildings but the team can quickly observe each infrastructural asset in detail from a safe working distance. Reducing the risks associated with traditional inspection methods.

Hosting an array of specialist equipment to provide detailed measurement of temperature of infrared emissions. SWE system encases IR Vario 3 HD radiometric thermal sensor from thermal imaging specialists Infratec.
Load Lifting (HESLO)

Under Slung Operations

Highly experienced in helicopter load lifting projects, we can assist you with a variety of under slung operations. It allows for speedy point-to-point transfer of materials in time critical or hostile environments where other transport options not viable. Holding both Part SPO and AOC we also have the ability to provide passenger transfers throughout the contract.

HESLO (Helicopter External Sling Load Operation) are conducted using either our single hook or our 6-hook carousel from Onboard Systems. The 6-hook system is fitted with six Talon 1k remote hooks and controller, enabling a multiple drop delivery.
LiDAR Surveys
Large Coverage, High Resolution

Aerial LiDAR is the fastest growing area in the geospatial market. Acting as an integral application towards planning, development and maintenance across multiple industries. With long standing relationships with leading LiDAR technology companies, we provide helicopters and crew to enable efficient aerial based surveys.

Helicopter flights provide swift and speedy aerial LiDAR operations by covering large areas of land and infrastructural assets in short time frames. This is a huge benefit when lots of data needs to be captured in built up areas and around transport links, whilst creating minimal disruptions.
Providing live, reactive aerial traffic solutions can play an integral part in reducing the impact of increased volumes of traffic at large scale events. Having worked directly alongside some of the UK’s most successful traffic management companies, we have the ability to provide you with reliable and innovative aerial management solutions.

Using either the SWE system or GSS along with air to ground HD video downlink transmission, this will provide live HD footage to your traffic management team on the ground. Further radio systems and frequencies set up, enable us to also communicate and react in real-time.
Other Services

Filming & Emergency Response

In the event of storms or severe weather conditions, our aircraft and crew can be placed on call to ensure they are available. They can be airborne as soon as possible to perform emergency response inspections.

Within the UK energy and utility sector we can assist with other aerial applications such as VIP transfers. We own and operate a series of UHD nose mounted camera systems to provide any aerial filming including fly-overs of off-shore wind farms.
Your project in safe hands.
Contact Us

If you would like a no obligations quote or to discuss a contract agreement for on going aerial works please contact our Operations Team with the following information:

» Aerial work type
» Description of work required
» Location
» Dates
» Contact Details

Email us at ops@gbhelicopters.com or call 0800 030 4105