

Bringing drone service in-house

Drones are beginning to prove their worth right across industry; saving time and money, delivering richer data, and reducing safety risk. The technology is rapidly improving too. Many drones are now capable of flying in all weather, improved battery life gives longer flight times and new features and ways of working with drone data are helping to deliver better insight in shorter timeframes.

The process of becoming a qualified pilot is not too onerous as a few thousand CAA PFAW (Permission for Aerial Work) pilots will tell you. So, what's to stop asset owners from bringing drone inspection services in-house rather than reaching out to commercial professionals like us?

Although it may sound counter-intuitive, the answer is... not a lot. A commitment to the training and qualification process, an investment in the hardware (and keeping that hardware up-to-date), and a sound-understanding of the benefits will get most asset-owners off-the-starting-block in a relatively short time-frame.

We recognise this option is only going to be relevant to large organisations, those who already employ full-time asset or maintenance teams and are prepared to train them (and then it isn't going to be the right investment decision for everyone). But for those who commit themselves to the process, in-house services shouldn't be a surprising strategic maintenance option.

If there's a gap in the process, it's the additional knowledge that companies like us have built up that can only really be learned over time:

- Approach and confidence to fly very close to potentially dangerous assets.
- Refinements in process made by working with multiple Concept of Operations documents.
- State-of-the-art drones and knowledge of payload choice.
- Understanding of best angle of approach.
- Relationships with NATS and emergency services.
- Strategy approach in response to weather, and so on.

But it's these skills that we can transfer to asset owners to help get the best from an in-house approach and close the gap between PFAW qualification and sector-specific flying. A bit like owning the latest Ferrari and driving it everywhere in first gear, we've seen one or two organisations who've bought a commercial-spec drone and are only scratching the surface of its capacity.



Drones can deliver a great deal of content to improve maintenance decisions and wow the stakeholders. As one of the most established drone operators in the UK, we can help you understand how to use this remarkable tool and become much better aerial inspectors in your own sectors.

[Get in touch today](#) and talk to us about in-house training for your sector.

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Notes for Editors

Sky Revolutions Ltd.

Sky Revolutions is one of the UK's most authoritative voices in aerial imaging, surveying, and aerial surveying. The company offers exceptional quality multi-sector time lapse, aerial imaging, and surveying services to private and public sector institutions, Europe-wide.

Sky Revolutions is a dedicated team of professionals with more than 20 years' experience in construction surveying. Valued for their specialist surveying skills, Sky Revolutions offers effective advice and data interpretation as well as filming, mapping and CAD services.

Sky Revolutions is known for leading the way with aerial imaging and remains the only organisation using 100' masts to provide a free standing, at-height image solution for large construction sites. Highly qualified and accredited, its UAS (Unmanned Aircraft Systems) expertise helps customers access complex and often hazardous environments, see and record the condition of assets from a birds' eye view, and make informed assessments quickly, safely and cost-effectively. The company uses some of the most sophisticated drones in the market to capture ultra-high definition images at a fraction of the cost of traditional aircraft surveys and with fewer risks than platform or scaffold use.

Sky Revolutions was one of the first UK organisations to realise the benefits of drones in surveying. Drones or UAVs (Unmanned Aerial Vehicles) offer significant advantages in surveying and high-level inspection.

To find out more, or to request original files, film, or image samples, or to request an interview or comment, please contact:

Kate Treen, Marketing Manager

01778 560929

k.treen@skyrevolutions.co.uk