

EASA Prototype – a note for those commissioning aerial surveys

Innovation in maintenance and surveying methods is finally impacting our sector. Aerial surveying is a growing part of the new energy landscape; a burgeoning and exciting process offering real benefits for survey commissioners.

But with new processes come new concerns, and now new - proposed - legislation. Whilst we might be leaving Europe, we won't be leaving the European body that governs aviation safety – EASA. EASA (European Aviation Safety Agency) delivered a prototype regulation for all unmanned aircraft recently aimed at improving safety, and ultimately, supporting those accessing aerial surveying services.

The process for establishing legislation is not exactly swift, and new law is unlikely to come into force in the very near future. In the meantime, there are a few points of interest for us in the industry, but of note is that aircraft must have no single point of failure and therefore require a minimum of double redundancy.

Why is this important? In essence, double redundancy ensures that drones can still fly if an integral component fails, such as a motor or IMU failure.

At Sky Revolutions, we use Falcon 8 Trinity UASs; state of the art, market leading systems built to ensure safety, reliability and performance. These drones already exceed legal proposals by offering triple redundancy – an extra layer of protection. They are designed to withstand interference from electro-magnetic forces and perform fantastically in strong winds.

Although the finer details of the EASA proposal are yet to be honed (such as specific geo-fencing), the regulations are good news for our industry and keep the pressure up to increase the professionalism of service providers.

In our opinion, commissioners of surveys should feel confident in demanding the best in safety and performance: Contact [Sky Revolutions](#) now to discuss your requirements.

Ends.



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:

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