



Drones for Property Measurement & Inspection Surveys

How can a drone survey benefit your investment or development?

The use of drones (UAV's) is now increasingly common in the property and construction sector. It is a very adaptable technology which can provide everything from video and images through to survey-grade geospatial data. The technology allows a level of monitoring and asset collection not previously attainable.

If you are looking at an investment, developing a site or refurbishing a building, how can this technology help you?

- **Reduces risk:** safely reach inaccessible or hazardous areas - negates the need for ladders, elevated platforms and scaffolding
- **Less cost:** savings due to improved access, less interruption and health & safety benefits - quicker and more efficient data collection
- **Greater coverage:** reduces blind spots and improves asset assessment - covers large areas and multiple sites
- **Reduces interruption:** no need to close down facilities or infrastructure - low noise and interference
- **Improved data & flexibility:** quality and resolution better than standard inspections - ability to use data to create other deliverables – Orthophotos, 3D Models



Plowman Craven has delivered UAV measurement & inspection services at a number of locations including:

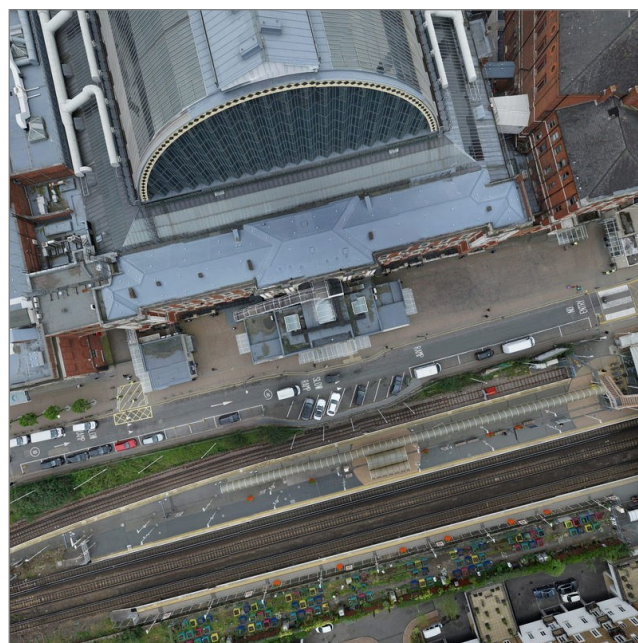
- Smithfield Poultry Market
- Olympia London
- Clapham Park
- Finsbury Square
- Royal Brompton Hospital
- London Gasholders



Case Study

Olympia London

- Comprehensive and safe capture of all required data relating to the roof
- Flight plans effectively mapped to avoid radio interference and ensure perfect visibility
- All challenges relating to scale and height of the buildings effectively overcome



About Plowman Craven

Plowman Craven provides integrated measurement and consultancy services to the property and infrastructure markets, pioneering the use of technical innovation to deliver proven expertise and trusted results throughout the project lifecycle.

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