



Special Building Inspections

Saved over 88 days of Inspection work*

AT A GLANCE DETAILS

Organisations: St Luke's Church
Operator: Vantage UAV
Location: United Kingdom
Industry: Construction
Activity Type: Inspection and Surveying

HIGHLIGHTS

- More than 70% cost savings
- Eliminates risk of falling from height
- Months of work completed in days

“By spending less than £10,000 on drone inspections across three sites, we have saved on planned large-scale roof repairs, achieving these results within just 3.5 days of on-site work, with minimal disruption to residents”



ISSUE

Inspecting historical landmarks and churches is challenging due to their complex designs, heights, and fragile materials. Traditional methods like scaffolding or cherry pickers pose safety risks and may damage the buildings, especially in areas with surrounding structures like graveyards and memorials, which limit equipment use. These inspections are costly, with scaffolding consuming a significant portion of the budget, leaving less for repairs. Additionally, the process is time-consuming, often taking weeks or months and causing disruptions. High costs, safety concerns, and limited accessibility complicate maintenance efforts.

SOLUTION

Drone technology offers a cost-effective, safe, and non-intrusive solution for inspecting special buildings. Equipped with high-resolution cameras and thermal imaging, drones capture detailed data often missed by traditional methods. For example, at St Luke's church, a traditional roof inspection suggested a £350,000 replacement, but a drone inspection by Vantage UAV identified just £50,000 of necessary work, saving £300,000 and completing the assessment in 2 days.

BENEFITS

£ Cost Savings

Cost savings by avoiding the high expenses of traditional methods, such as scaffolding, which has shown 85%-70% in cost savings.

✓ Improved Safety

Falls account for nearly 75% of fatalities in the roofing industry¹. Drones eliminate this risk.

🕒 Efficiency

Time savings, completing assessments in just 2 days compared to the 3 to 6 months required by traditional methods, as demonstrated at St Luke's Church, where drone technology saved over 88 days of inspection time.



*According to vantageUAV & CPC

