

CASE STUDY — BUILDING SURVEY



Skyhook recently carried out an aerial survey on an old Victorian school that had been converted into a house in Monmouthshire, close to the England / Wales border. The owner had contacted Skyhook to photograph the roof as water ingress had been noticed inside the old school hall. As some of the roof is inaccessible and not visible from the ground, scaffolding would traditionally need to be erected, which made the owner hesitant in terms of cost.



Shortly after arriving, Chris from Skyhook had the UAV up in the air and with the owner watching the imagery on the monitor, the source of the water ingress was soon found. An area of the roof that was not visible from the ground was built with no drainage and had collected year's worth of debris that was acting like a large sponge. After that was found, Chris carried out another flight to photograph the rest of the roof to allow an overall roof assessment to be carried out, which revealed only a couple of broken tiles. Finally, at the request of the owner on the day, a further flight was carried out to photograph the chimneys, some of which had been in place since 1877 when the school was built. These images were then kept by the owner for a structural engineer to review.



Without Skyhook's aerial survey capability the owner would have had to pay for scaffolding and a team of people working at height to get the job done. It would have meant workmen on site for nearly a week and a cost in excess of £3,000. Being able to get this level of information from a UAV meant all inspection was done on the day, there was no risk to personnel, no inconvenience to the owner and no potential damage to the building. The use of the UAV also saved the owner over 70% of the cost of using scaffolding.

Contact us today to discuss your requirements and we will provide a free no-obligation quotation.

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