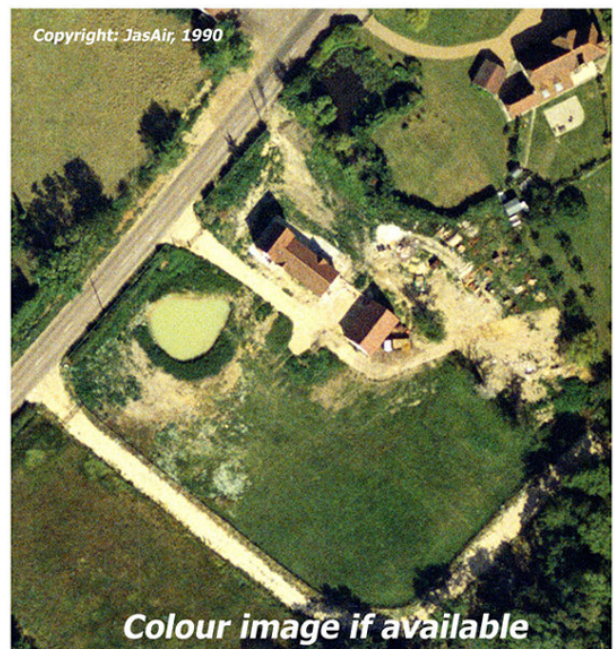
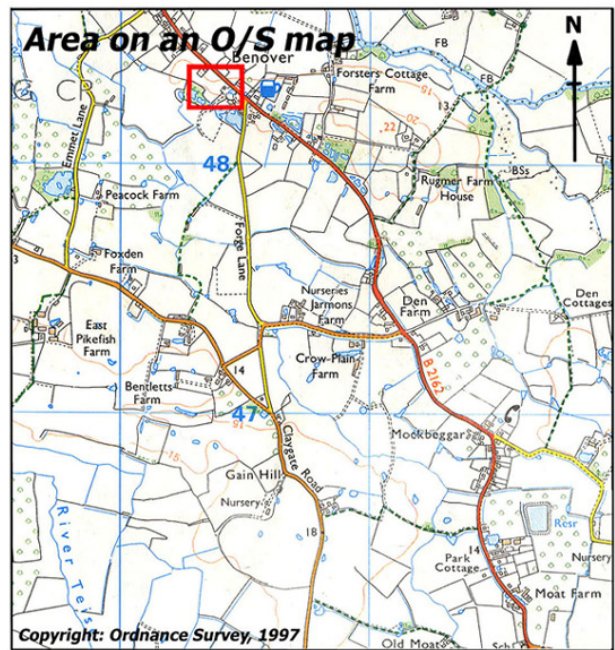


## Hawkeye Historical (UK) Aerial image Tracing Service

Where Hawkeye does not hold an aerial image of a particular area, we act as a tracing service for clients for both oblique and vertical historical aerial photographs, by searching from over 300+ government, local authority, commercial or private sources - that we have either negotiated with, used or sourced over a number of years (with some images available as far back as the late 1920's). But be aware, legal involvement in boundary/land issues is time consuming, always expensive in legal costs, and does not always resolve a (neighbour) situation.

### Types of imagery available - Vertical and Oblique:

**Vertical** - Normally taken from heights of 2,500ft - 10,000ft, at scales of between 1:2,500 - 1:25,000. Although this may seem high, the original negatives are invariably 9 x 9" or larger, and so can be considerably enlarged, with the benefit that all of the UK has been photographed over the years (for one reason or another) since the early 1940's, so these are very useful to follow changes in land use, site boundaries and town / village growth.



**Oblique images** - Photographed from between 600ft - 2,500ft. from light aircraft/helicopters, and invariably shot speculatively, by private companies or individuals, who then sell these images via door to door salesmen.

These negatives are either retained by the pilot or within a library that may specialise in either just local areas or the UK in general, but whether these sources actually have an image, and whether it shows all the buildings or property required taken at the right date, is impossible to know without committing to an actual enquiry search. Although these images are rarely precisely catalogued by postcode or O/S Grid Reference, the more prominent / secular a property / rural the location, the better chance of finding a photograph on file.





### **Fees are in 3 parts: Enquiry Research + Supply of Library Image + Reprints**

**Our basic search fee is £110.00.** This covers our initial submission of OS. location maps, email/fax/telephone enquiries to a range of 5-10 sources/relevant libraries, as well as email or postal transfers of low-resolution b&w proofs to/from libraries and client - Clients can therefore obtain a image covering the exact area that they require, at a maximum enlargement and corresponding to their search criteria (dates, area, buildings, boundaries, etc.)

We will also make you aware of any reproduction rights you may need to purchase along with any image and the associated costs, which does depend upon their final use (i.e., as evidence in court) as all imagery provided (photographs or video) is **copyright protected**, and not for further reproduction or publication, unless written consent is obtained plus with payment of a licensing / reproduction fee, from the image originator or their agent.

On occasions, more illusive images require additional research time/fees (pro-rata at £40/hr), but clients will be advised of this, prior to any extended search, in addition to approx. times scales or particular library fees.

**Vertical imagery** - Costs vary between sources, from **£30.00 - £180.00 per image**, and are normally supplied either as a 9 x 9" contact print or more usefully, as a larger 10 x 8", 12 x 12" cropped enlargement or on CD. Commercial image libraries rarely charge a search fee, and images are nearly all catalogued and geo-referenced / geo-corrected (to match an Ordnance Survey map). Copyright protected reprints are available for virtually all of the UK, across various dates since the 1920's (but the early years from WW1 to WW2 are mainly coastal).

**Oblique images** - are more difficult to track down (e.g. of residential properties) and most library's require an up-front search fee of **between £50 - £150 per image/per search year/per library**, usually payable whether an image is found or not ! As well as to recover their previous speculative costs, staff have to undertake a manual comparative search between a current (client supplied Ground / Google aerial image) with that on an old negative (usually shot in batches of perhaps 300+ per locality). Unlike vertical images, these images are invariably un-catalogued, but many oblique views are available from the late 1960's, shot ad-hoc across all areas of the UK.

**Reprints** - The library will then supply either a paper print or lo-res digital image will be initially supplied, for confirmation of the exact site location and that both the property/boundaries are within the frame. We will then supply images at a suitable scale on harcopy A3/A4 format **£30.00 - £180.00, so overall acquisition costs vary between £100 - £250 per image.** Consequently, the photograph's importance has to be worth the effort and the cost, but maybe necessary in a potential legal case (e.g., to show a site boundary or to aid a planning application / appeal). We suggest that clients provide a current day ground level or previous aerial photograph, to help match a buildings features to those on a library negative (particularly if on 35mm film).

### **Aerial Photo verification**

We can also supply details of specialist individuals that can offer a legally, court accepted verification/evidence, as to the content, date and characteristics so contained within an aerial photograph.

| <b>Scale</b> | <b>Area in Photo</b> | <b>Detail</b>  |
|--------------|----------------------|--|
| 1:2,500      | circa 0.13 Sq. Miles | Large Scale - houses approx. 7mm wide, cars & other small objects, individual trees, should all be clear   |
| 1:10,000     | circa 2.0 Sq. Miles  | Houses approx. 2mm wide, trees & pylons show individually, street & field patterns are distinct, footpaths may be clear.                                 |
| 1:15,000     | circa 4.5 Sq. Miles  | Enlargements show at a maxm. say, a 6ft wide fence panel.<br>Medium Scale - A village may fit into one photograph and footpath orientation may be clear. |