

# Establish a Contest Box image using Google Earth

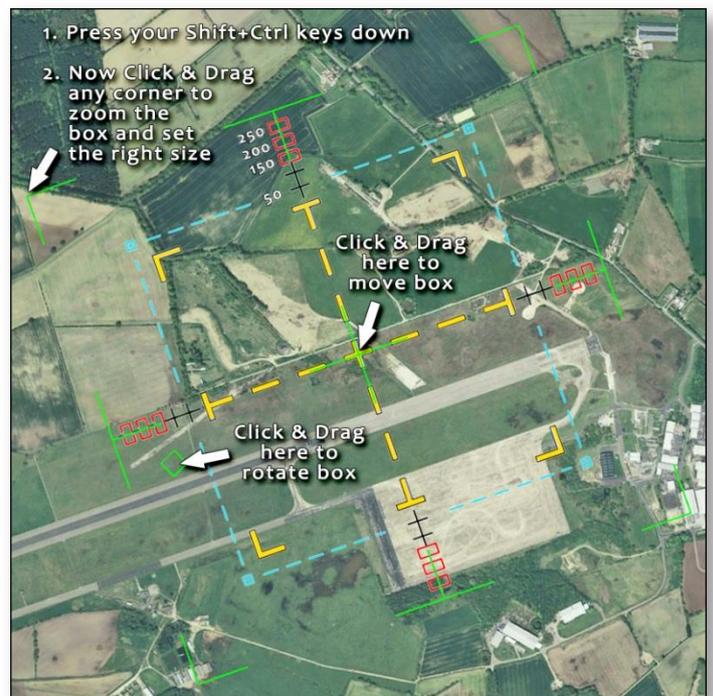


## To add a new 1,000m square contest box at the correct size:

- Unzip this Zip file to a folder in your computer – there are 5 Box graphics plus this explanatory pdf.
- Open Google Earth and find your airfield. In Tools > Options > Navigation set “Do not automatically tilt while zooming” or press your “R” key to make the ground horizontal and truly North/South. Un-tick the Terrain check-box in the Layers side-bar so that the graphic is not painted onto the ground contours.
- Use Tools > Ruler and draw a horizontal 1,000m line, then save it with a name, e.g. “test-1000m”.
- Click Add > Image Overlay or press Ctrl+Shift+O, then Browse to select one of the graphic files in this zip. These provide boxes with 1, 2, 3 and 4 judge locations, and one with a full box and the 50m boundary as shown here. The yellow box markers are shown at **10 times** the correct 9m x 2m size for clarity.
- Google Earth “Rules” for graphic overlays are very specific. Be extremely careful when you use **Re-Size** or the image width-to-height ratio will be lost and you must start again. The cursor changes to a pointy finger  when it is in the correct position to carry out the actions below.

## To get the box 1,000m square, in the right place and set at the correct angle:

- Re-Size the image:**  
First hold the Shift+Ctrl keys down, then Click & Drag a big green "L" Google corner marker to zoom the image smaller or larger.
- Move the image:**  
Click & Drag at the exact centre of the image to move the whole box around.
- Rotate the image:**  
Click & Drag in the small green rectangle to rotate and carefully align the box with a reference line – like a runway.



- When your box is exactly the right size and correctly positioned, look in the Google Earth - Temporary Places side-bar on the left of the screen and un-tick the checkbox for your 1,000m line to hide it.
- You can continue to move the aerobatic box graphic by Click & Drag on its centre-point and rotate it by Click & Drag in the small green box. **Do not** just Click & Drag a corner without the Shift+Ctrl keys down as this will change the image size and you will have restart and do everything again ... there is no “Undo”!
- Give your new Google Overlay a title and Save it – it will now appear in the Places sidebar.
- To permanently save the result, right-click your new overlay title in the Places sidebar and select 'Save Place As' to copy the overlay to a folder in your computer. This Google ".kmz" file can be transferred to a memory stick, emailed or placed on a website for download. Double-clicking or Opening it will fire-up Google Earth and your box will be displayed in exactly the right place.

## To edit / change an existing box:

- Select and then Right-Click the box title in the Google Earth Places side-bar.
- Click the 'Properties' option and the above edit system becomes live again.