

# Human Factors Considerations for Electronic Conspicuity Devices

Benefits and issues will vary between electronic conspicuity (EC) devices, these are some ideas to get you thinking.



## Rely on your core flying skills

Having an EC device can be a useful safety aide, because it can help you to build a picture of the traffic and airspace around you; but it cannot show you everything. Using a device will not replace your core flying skills such as keeping a good lookout / scan and understanding the airspace conditions and rules.

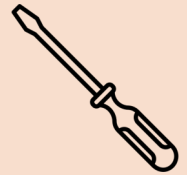


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## Placement

For carry-on devices, make sure your device:

- Is securely placed and cannot become loose in flight, or that parts might fall off.
- Does not impede your actions or any instruments in the cockpit.
- Works with other equipment you may be using .
- Has a fully charged battery that will last for longer than your planned flight and/or a way to re-charge, if required.



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## Know your Device

Make sure you understand thoroughly all the benefits and limitations of your particular EC device. Understand what it can and cannot show you and have a goal for the extra information you will need to find through your usual scan. E.g. it might only tell you about other airspace users who have the same device, you might also only be visible to users with the same device.

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## Stay Up-to Date

Make sure you keep yourself updated with the latest safety alerts, consultations, rule changes, airspace amendments and more from the CAA's [SkyWise](#).



## Include it in your flight planning

Include your device in your flight planning so that you are aware of any changes it may make to the way that you usually do things, where you fly, how you manage risks (such as traffic choke points) and how you will change your plan if the system becomes inoperable.



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## Record all events or failures

Ensure you [record all safety events](#) or issues related to using the EC; these could be as serious as an airspace infringement or near miss, or as simple as realising you didn't have the 'full picture'. It is important that we understand how these devices are impacting how we use the airspace and our flying.



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