

### **TOP Tips for GA use of Electronic Conspicuity Devices**

1. EC devices probably detect less than 50% of other aircraft - do not expect EC to see everything.
2. Aircraft that your EC detects may not detect you - never expect EC detected aircraft to avoid you.
3. Don't spend time visually seeking EC-detected aircraft that are:
  - a.) Clearly no threat or
  - b.) More than 3 miles
4. Keep your eyes out and don't fixate on in-cockpit EC displays - especially when in a circuit or close to an airfield

### **Top Tips for Managing EC devices:**

- Turn off your EC device when on the ground and off the runway. Ground alerts are a distraction to others around the circuit and airfield.
- Use an audio output to augment your visual scan; know how to mute it when you need to.
- Know how to filter clutter eg EC targets >10 miles away or > 5,000ft above or below.
- Learn as much as you can on the ground before you fly.
- Consider initially practicing in-flight use of EC devices as P2, avoid 'heads-in' familiarisation as P1.

*(Extracted from the Nov 2023 GASCo / UK CAA EC Human Factors study linked on GASCI Website).*

**– see also 'avoiding Mid Air Collisions' [www.GASCI.ie](http://www.GASCI.ie)**