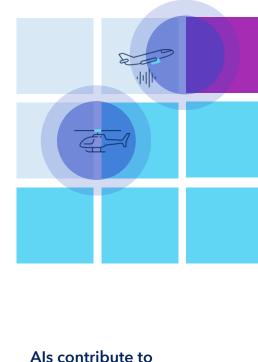


An airspace

Airspace Infringements Airspace infringement remains one of the primary

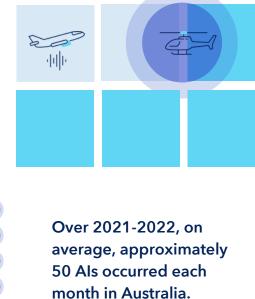
airspace safety concerns in Australia and internationally.



infringement (AI) is the unauthorised entry of an aircraft into airspace where a clearance is required or to which entry is prohibited.

ultimately increases the risk of a conflict between aircraft.

reductions in safety margins and separation between aircraft, which



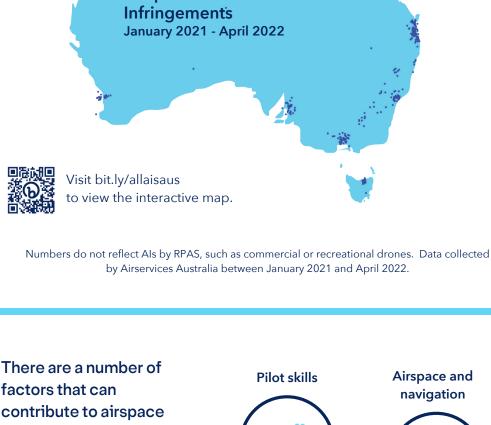


or recreational drones. Data collected by Airservices Australia between January 2021 and April 2022.



Hot spot areas exist near Class C and D airspaces and PRD areas.

**Airspace** 



By understanding what factors you have control of, you can mitigate the risk of

Eurocontrol (2007). Airspace Infringement Risk Analysis

Eurocontrol (2022). European Action Plan for Airspace Infringement Risk Reduction

causing an AI initially, as

conjunction with other

causal factors.

well as in response to or in

infringements.

controlled airspaces currently accounts for the highest number

Class E

Class G



**Environment** 





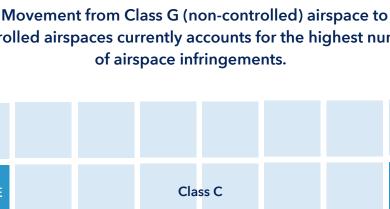
Class E

**PRD** 

Class G

Human

factors



Airspace and navigation

By understanding where Als are more likely to occur, you can prepare yourself for potential unplanned situations that may put you at risk of infringing airspace.

Airspace factors that contribute to the high percentage of airspace infringements in these zones.

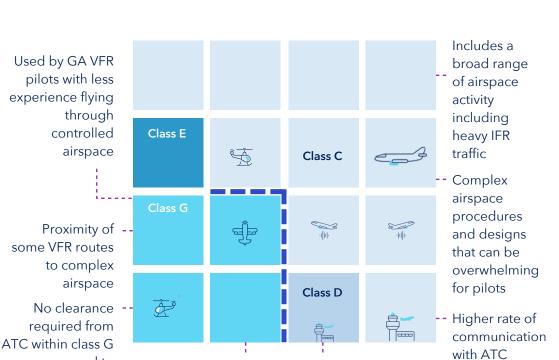
Class D

Clearance required

are less used to

tracking into controlled

airspace, which GA pilots



Human factors Human factors are currently considered a major cause of airspace infringements.

compared to

controlled

airspace



Familiarise yourself with the design of the airspace you are flying

routine - expectancy that airspace on a familiar route will

communication between pilots

over-reliance on GPS equipment or failure to use it effectively

Eurocontrol (2007). Airspace Infringement Risk Analysis

Eurocontrol (2022). European Action Plan for Airspace Infringement Risk Reduction

not change

and ATC

you start your flight. through and near, including CTA steps along your route. Check NOTAMS for recent updates about all surrounding airspace status.

Solve potential problems before



**AIP** 

**NAIPS** 

airservicesaustralia.com/aip Visual Terminal Charts (VTC) En Route Supplement Australia (ERSA) Departure and Approach Procedures (DAP)

Resources to support your preparation

airservicesaustralia.com/ **Airservices** industry-info/pilot-tools/ pilot-and-airside-safety

NAIPS (NOTAM, weather, restricted areas status)

casa.gov.au/resources-and-

CASA's pilot



safetypromotions@airservicesaustralia.com. Data collected by Airservices Australia during 2021 and 2022.

airservices

Airservices Australia 2023

pilot and airside safety pages or

**bit.ly/pilotsafety** for short.

Check your radio volume is up and set to ON/ALT with code 1200 if operating VFR in Class G. Ensure your transponder is working before you fly. Check current charts for the correct frequencies for the airspaces you will be flying through.

If you are unsure about information

on charts or with ATC procedures,

you can contact ATC during preflight

airservicesaustralia.com/naips

If you have any questions about this publication, please email us at

education/pilot-safety-hub. safety hub