

RUNWAY INCURSIONS

Runway safety remains one of the most serious threats to aviation safety.

On average, approximately 12 pilot-attributed RIs occur in Australia every month with potential to result in fatal collisions between aircrafts and aircrafts and vehicles.

570

RIs RECORDED THAT WERE ATTRIBUTED TO PILOTS BETWEEN JUNE 2018 AND 2022 AND HAD ICAO SEVERITY RATINGS OF

B 2.8%

C 25.3%

D 71.4%

E 0.5%

Major occurrence

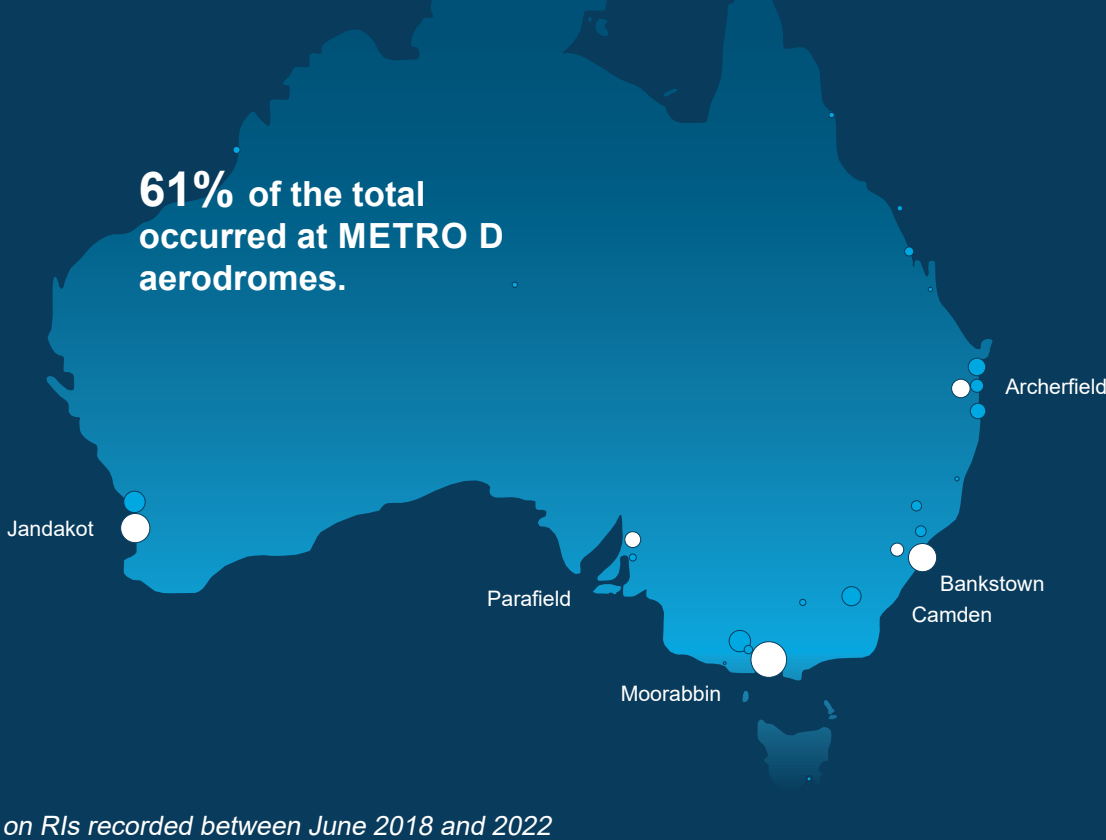
Minor occurrence

No immediate safety consequences

Insufficient information

Based on RIs recorded between June 2018 and 2022

METRO D AERODROMES CURRENTLY ACCOUNT FOR THE HIGHEST NUMBER OF PILOT-ATTRIBUTED RUNWAY INCURSION LOCATIONS.

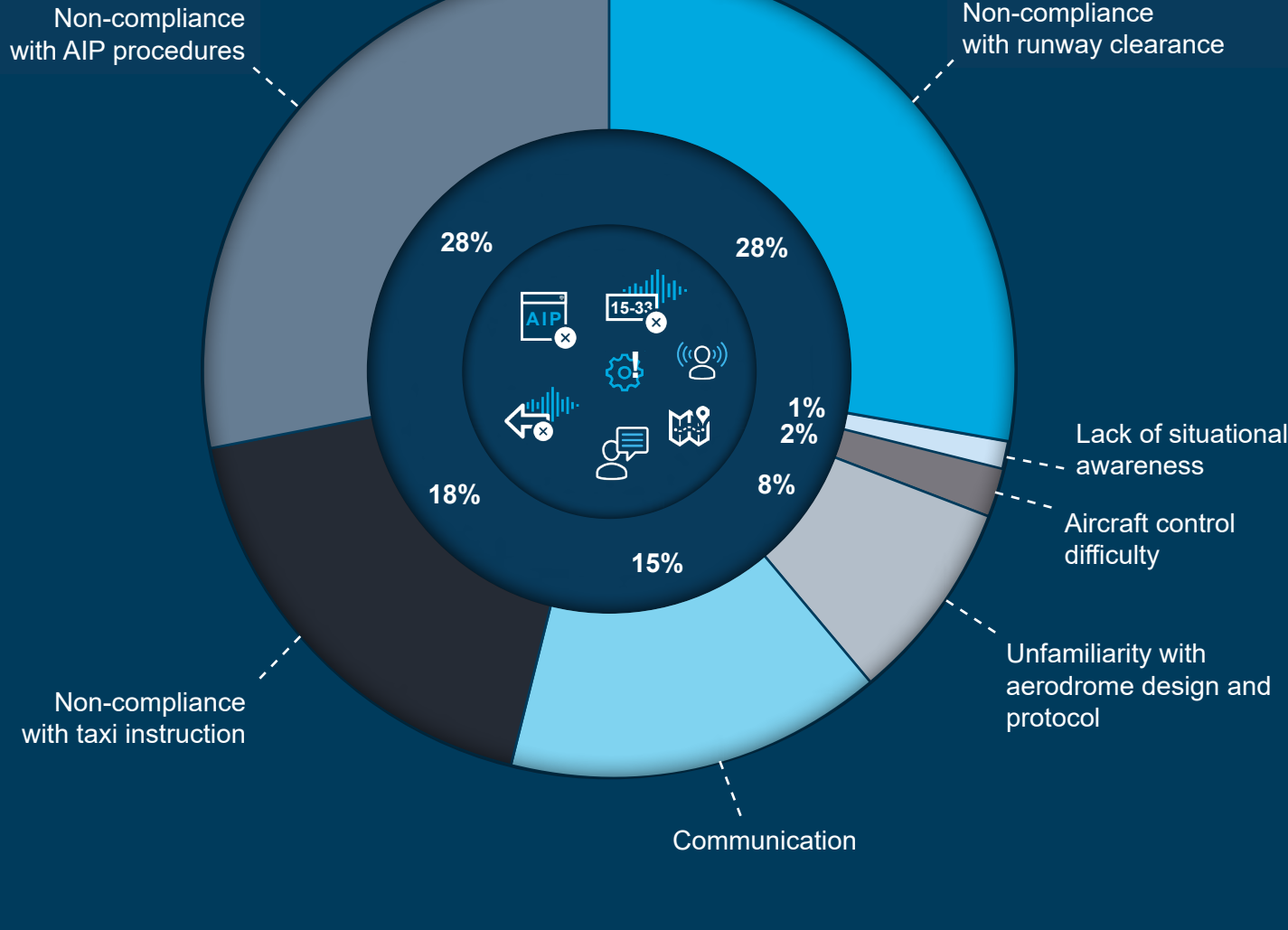


Based on RIs recorded between June 2018 and 2022

CONTRIBUTORY FACTORS OF METRO D AERODROME ENVIRONMENTS TO RUNWAY INCURSIONS



THERE ARE A NUMBER OF FACTORS THAT CAN CONTRIBUTE TO PILOT-ATTRIBUTED RUNWAY INCURSIONS



Based on RIs recorded between 1 December 2016 and 30 November 2017

SOLVE POTENTIAL PROBLEMS ON THE GROUND BEFORE YOU ENTER THE RUNWAY

AERODROME ENVIRONMENT Familiarise yourself with the kind and frequency of activity at this aerodrome.	AIRSPACE Be aware of the kind and frequency of activity in the surrounding airspace.	OPERATIONS ON THE MOVEMENT AREA Familiarise yourself with the layout and communicate with ATC.
COMMUNICATION AND READBACKS Use standard radio calls and readbacks to confirm you understand your clearance.	COMPLIANCE WITH ATC INSTRUCTIONS Observe ATC clearances and instructions to support safe and efficient traffic management.	RUNWAY CONFIGURATION Ensure you understand procedures for the type of runway you are using.
LOCAL DEPARTURE AND ARRIVAL Ensure you have access to current information on local procedures.	SITUATIONAL AWARENESS Maintain a mental picture of the factors that could be about to affect safety.	LISTENING WATCH Ensure you are on the correct frequency, your radio is working and the volume is turned up.

TOOLS TO SUPPORT YOU TO PREPARE

Includes information about the volume and kind of activity in the surrounding airspace.

Includes all instrument departure and approach procedures.

Current information about changes to publicised procedures related to local flight operations.

Includes information about the volume and kind of activity around the aerodrome including pictorial presentations of all licensed aerodromes.

Includes a guide to the standard phraseology for radio use, including those specific to aerodrome movements.

WORKING WITH AIR TRAFFIC CONTROL

Controllers would rather you tell them about potential problems before they become a safety issue.

Keep a listening watch on your radio at all times and if you are unable to comply with any ATC instruction or clearance, inform them immediately.

For more information about working with ATC, visit www.airservicesaustralia.com/industry-info/flight-briefing/pilot-and-airside-safety/working-with-atc.