

June 2025

# Management and mitigation of aircraft noise

Aircraft noise is inevitably generated from essential general aviation activities at Bankstown Airport and Camden Airport, including emergency and aeromedical services, aircraft maintenance and repair and flight training.

Aeria Management Group (AMG) recognises aircraft noise is an important issue and works with our customers and the community to manage and mitigate its impacts, while also ensuring safe and effective airport operations.

Government agency Airservices Australia manages complaints and enquiries about aircraft noise. To learn more or to submit a complaint or query, visit the Airservices' website by <u>clicking here</u> or call 1800 802 584.

### Aircraft noise

Aircraft noise is complex and varies according to factors, such as:

- Aircraft type (including the age of the aircraft, number and type of engines and weight)
- Aircraft altitude
- Thrust settings and speed
- Pilot performance
- Weather conditions.

Aircraft noise is present during all stages of flight but is most significant during take-off and landing.

Bankstown Airport and Camden Airport operate 24/7 but have restricted hours for flight circuit training, to reduce the impact of night time aircraft noise on the community.

The responsibility for aircraft noise management is shared between airlines and aircraft operators, air navigation service providers, airports, federal government agencies and state and local governments.

#### Measures to minimise and mitigate aircraft noise

AMG responds directly to community queries or complaints and works with our customers to minimise and mitigate aircraft noise impacts, where possible. Measures to minimise and mitigate aircraft noise at our airports include:

- Our Fly Neighbourly Program for Bankstown Airport and Camden Airport is a voluntary code of conduct that requires airport operators to be considerate of surrounding communities and residents, through measures such as:
  - Reducing aircraft engine revs as soon as possible
  - Adopting and maintaining best rates of climb to minimise noise over residential areas, as soon as possible after take-off
  - o Avoiding flying over residential areas, hospitals and schools when possible
  - Limiting operating times for circuit training
  - Keeping circuits as compact as possible.

# A Aeria Management Group

- We regularly communicate with airport operators about noise generation and related impacts on the community and work with operators to revise aircraft operating practices accordingly, where possible
- We regularly share information and listen to feedback about aircraft noise via our Community Aviation Consultation Groups for Bankstown Airport and Camden Airport
- We support the development of emerging aviation technologies, such as electric- and hydrogen-powered aircraft, which generate less noise and lower carbon emissions than traditional aircraft
- Effective means for reducing the impact of aircraft noise include land use planning and community education. AMG advocates for measures to ensure effective land use planning that minimises the encroachment of sensitive land uses on airports. AMG has also called for local authorities to do more to inform and educate residents living under or in proximity to flight paths about airport infrastructure, aircraft movements and aircraft noise.

Pilots operating at Bankstown Airport and Camden Airport must also comply with regulations and procedures stipulated by Airservices Australia and the Civil Aviation Safety Authority, including noise abatement procedures.

## Australian Noise Exposure Forecast

Bankstown Airport and Camden Airport are required to prepare an Australian Noise Exposure Forecast (ANEF) as part of their respective Master Plans (which are required every eight years).

The ANEF chart displays the predicted noise exposure levels for aircraft movements during the 20-year forecast timeframe for each Master Plan.

The ANEF considers factors such as meteorological conditions, forecast aircraft movement volumes and frequency and the noise signature (including intensity, duration and tonal content) and performance characteristics of specific aircraft types.

The ANEF is used in conjunction with Australian Standards to provide the framework for land use planning and building treatments within the vicinity of an airport.

More information about the ANEFs for Bankstown Airport and Camden Airport is available in their respective Master Plans, which are available at <a href="https://www.aeria.co">www.aeria.co</a>.

### For more information

Please contact us if you have a question or concern about aircraft noise, via info@aeria.co or call 02 8709 9400.