



Australian Government

Department of Defence
Security and Estate Group

RAAF BASE AMBERLEY AIRCRAFT NOISE MONITORING PROGRAM

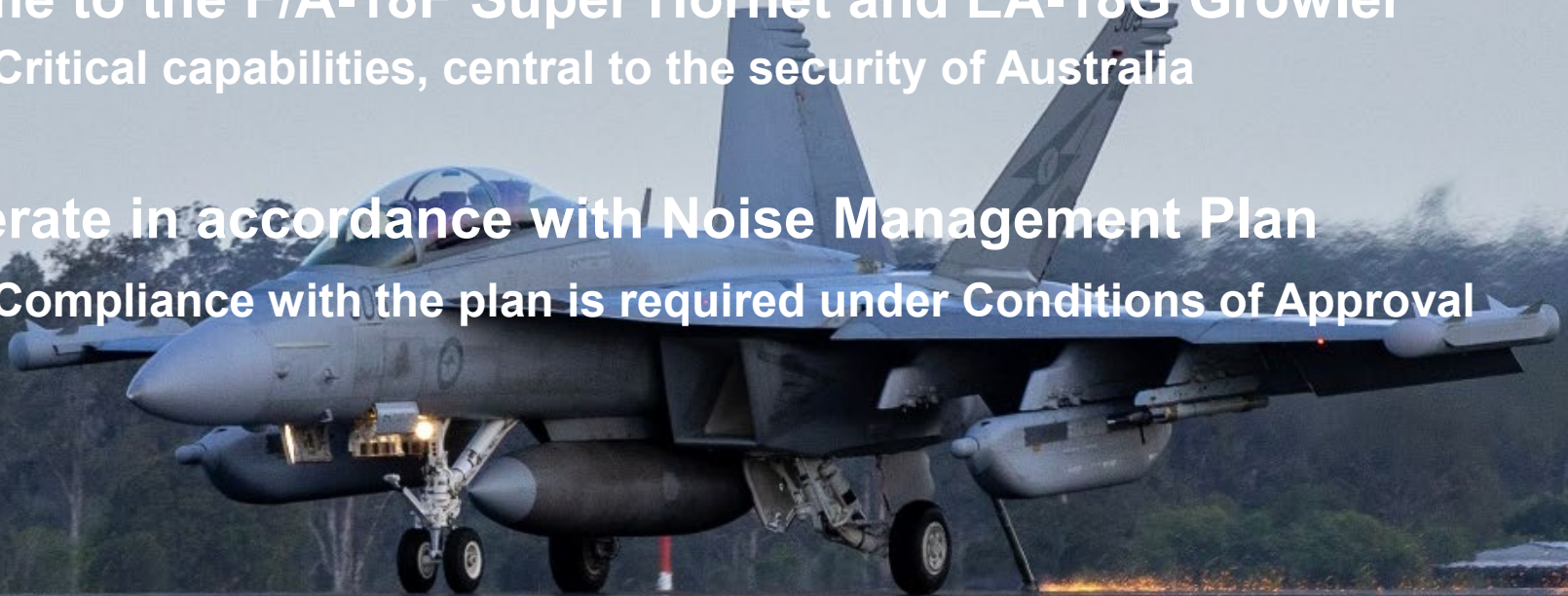
Community Information Session – 29 May 2025



Defence acknowledge the Traditional Owners of the lands on which we meet today, the Yuggera and Ugarapul people, and pay respects to Elders past and present.

RAAF BASE AMBERLEY AIRCRAFT NOISE MONITORING PROGRAM - May 2025

- RAAF Amberley - largest Defence operational air base
- Home to the F/A-18F Super Hornet and EA-18G Growler
 - Critical capabilities, central to the security of Australia
- Operate in accordance with Noise Management Plan
 - Compliance with the plan is required under Conditions of Approval



RAAF BASE AMBERLEY AIRCRAFT NOISE MONITORING PROGRAM - May 2025

Government
announcement

- Noise monitoring at local residences around RAAF Amberley
- Quantify the impact of training and operations

Program
commencement

- Community and stakeholder engagement
- Noise monitoring and property inspection at volunteer households

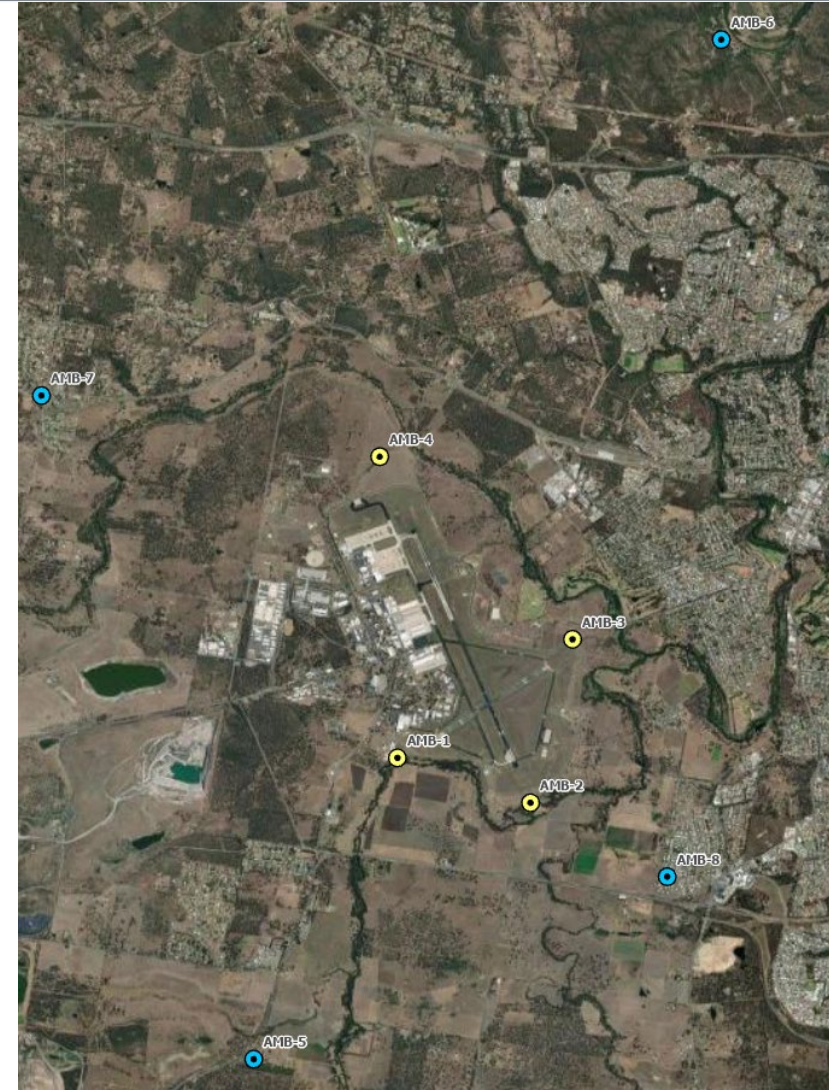
Advice to
Government

- Review of data
- Model development
- Develop options – how a noise abatement scheme may look

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Existing noise monitoring

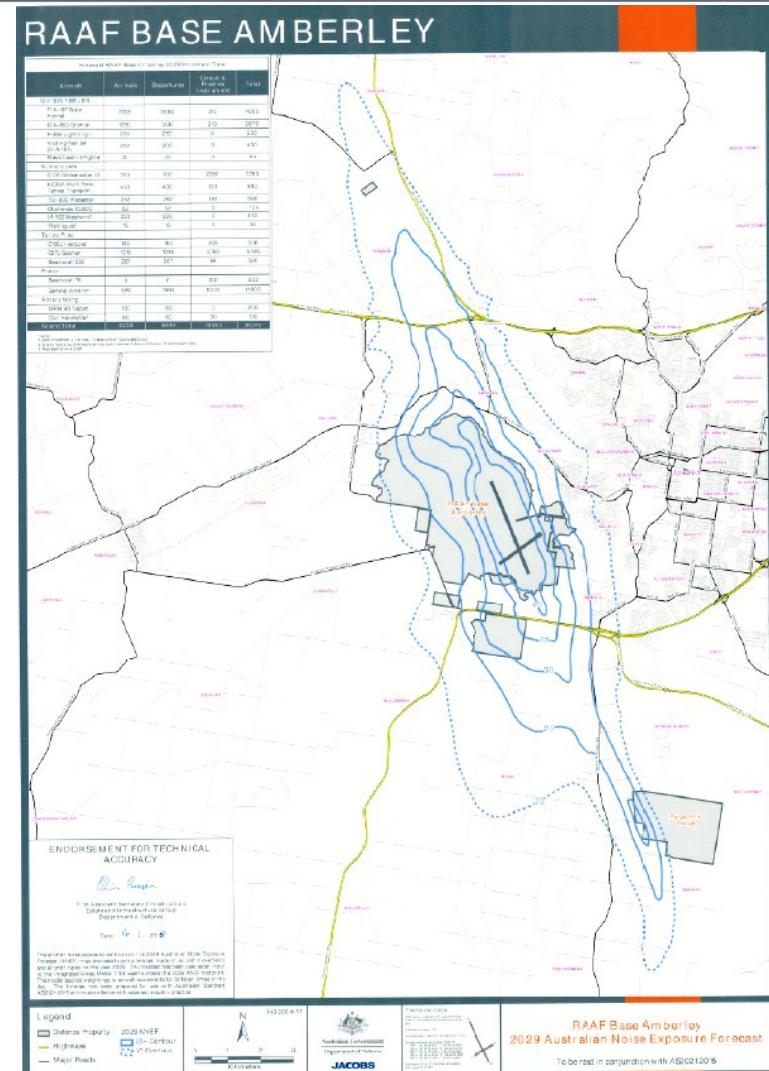
- Noise and Flight Path Monitoring System (NFPMS) at five Defence airfields:
 - Amberley, Williamtown, Townsville, Tindal and Darwin
 - Noise data reviewed in conjunction with flight operations
 - Periodic reporting
- Amberley
 - Eight noise monitoring terminals distributed across the base and within the community



Australian Noise Exposure Forecast (ANEF) 2029

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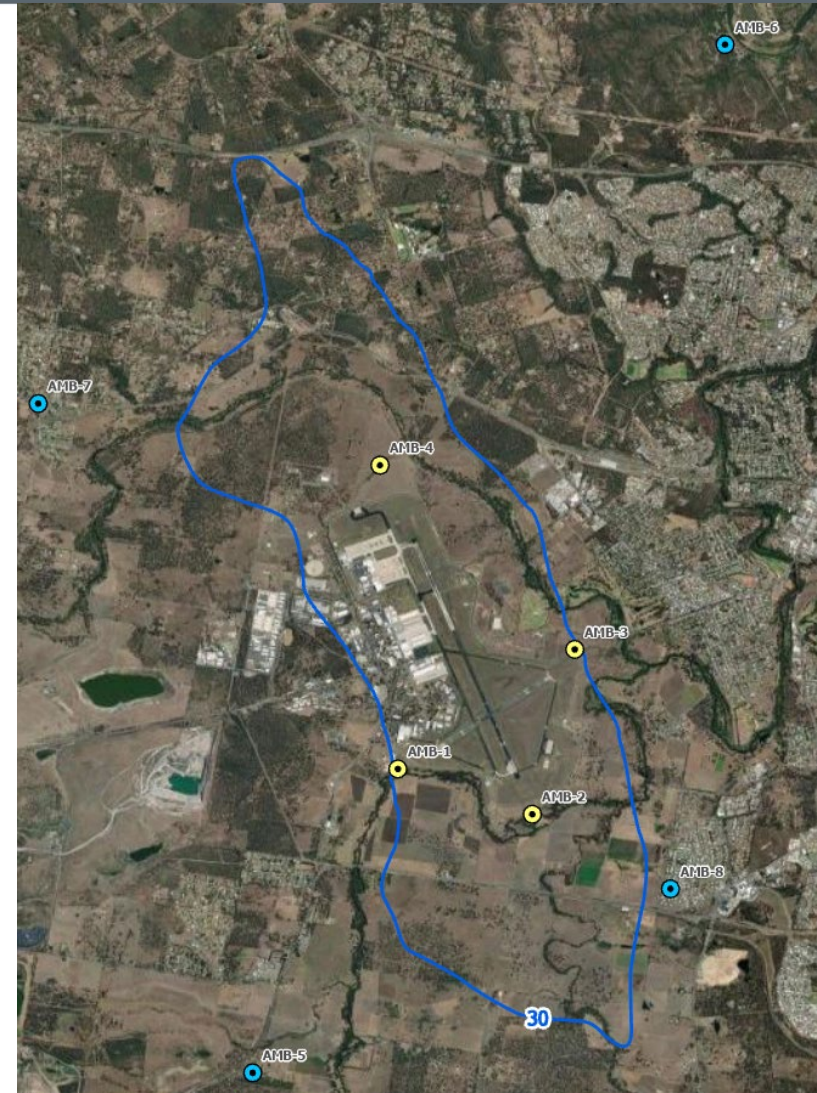
- Aircraft noise exposure around Defence bases
- ANEF based on:
 - Aircraft types
 - Number of movements
 - Intensity, duration and character of noise from aircraft take-offs and approaches
 - Distribution of movements, day and night hours (7pm - 7am)
 - Account for increased sensitivity during night hours



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Community noise monitoring

- Households around the Base
 - Within the ANEF 30 contour
 - Voluntary
 - One week survey
- Volunteers for an inspection of their property
- Collate information on typical house construction types in the area



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Next steps

- Noise monitoring program – June 2025
- Review data
 - Noise level
 - Dwelling construction types
- Review options to inform an appropriate noise abatement scheme at RAAF Base Amberley
- Develop a noise model to define *eligibility*, with a focus on military fast jet



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More information

- Defence aircraft noise website
<https://www.defence.gov.au/about/locations-property/aircraft-noise>
- Aircraft noise enquiries and complaints
<https://www.defence.gov.au/about/locations-property/aircraft-noise/aircraft-noise-enquiries-complaints>

The support of local communities is essential to the success of Defence bases across the country.

The development of this program will be a key factor in ensuring the close ties between Defence and residents around Amberley continue to strengthen into the future.