

## Noise Reduction Programme Report February 2025

### Introduction

Auckland Airport is committed to managing aircraft noise in a responsible way and offers a noise reduction package for buildings used for particular activities sensitive to aircraft noise within specific noise contours. The purpose of the noise reduction package is to help achieve an internal noise environment of 40 dBA Ldn or less within the building with all external windows and doors closed.

Auckland Airport’s Designation 1100 sets out how the Noise Reduction Programme (including the requirement to make an annual offer) is to be implemented (see further detail in Appendix A).

The purpose of this report is to update the ANCCG on the implementation of the Noise Reduction Programme for the period 22 November 2024 to 18 February 2025.

### Progress to date

Progress since the last ANCCG Quarterly report to 18 February 2025 is reflected in Table 1 below:

**Table 1:** Progress since the last ANCCG Report\*

Period	Ineligible inspection requests	Eligible inspection requests	Inspections completed	Offers sent	Offers accepted	Covenants registered	Installations completed
22 November 2024 – 18 February 2025	12	14	13	22	7	8 (3 MANA, 5 HANA)	5 (1 MANA, 4 HANA)

\* Progress undertaken at one property may be reflected in several columns, for instance if a landowner requested an inspection, an inspection was completed and an offer sent, this would lead to an entry in each of the three corresponding columns.

### Engagement

Since the last quarterly report Auckland Airport has:

- Distributed engagement material to the following locations for public display:
  - Manukau Public Library and Auckland Council front line staff operating at the Library
  - Friendship House He Whare Tangata
  - St Peter Chanel Catholic Church
  - Tupu Youth Library
- Developed a list of key initiatives to progress in 2025 (see Appendix E for more detail). The initiatives are expected to target different audiences to previous engagement actions, and trial new avenues for raising awareness of the NRP.
- Met with representatives from the Auckland Wide Housing Initiative (AWHI) and the Energy Efficiency & Conservation Authority (EECA). These meetings involved discussion on collaboration opportunities and engagement strategies. The AWHI recommended Auckland Airport join the Manurewa Network Community meetings.
- Further explored the opportunities identified during the brainstorming session held with three members of the ANCCG on 21 October 2024, including:
  - Requesting further detail on the requirements, timing, and costs associated with developing a children’s story book from Heather Haylock.
  - Identifying and engaging with a number of community leaders active within the

- noise contours. This has informed a potential stakeholder list (see Appendix F).
- Contacted the Manukau Beautification Trust to arrange a meeting to discuss the NRP.
- Commenced work with Auckland Airport's internal marketing team to inform a potential Refer-a-Friend initiative.
- Attended an inspection of a MANA property on 18 February 2025 to monitor the inspection process, liaise with our Suppliers, and identify opportunities for improvement.

In addition, Auckland Airport has been working to better understand the number of potentially eligible properties in the contours. That follows engagement with Kāinga Ora highlighting Auckland Airport's records do not accurately reflect the number of previously completed installs. Our investigations to date have involved checking a percentage of HANA property titles for covenants benefitting Auckland Airport. We found that 1 in 5 titles checked included a covenant and are therefore not eligible. We are now working through our archives to try to better understand the actual number of installs.

We are also looking at how we can identify and exclude from our calculations dwellings that are ineligible as they were built or consented post 10 December 2001.

We anticipate these investigations will show that the actual number of potentially eligible homes is significantly less than previously estimated.

## Appendices

- A. Context for the Noise Reduction Programme
- B. Full extent of the MANA and HANA for the existing runway as mapped under the Auckland Unitary Plan
- C. Annual offer and uptake figures
- D. Description of the key stages in the delivery of the Noise Reduction Programme
- E. Initiatives for 2025
- F. List of Potential Stakeholder Sessions for 2025

There have been no changes to Appendices A, B, and D since the last update.

Appendix C has been updated to reflect current numbers.

Appendix E is a list of engagement initiatives proposed for 2025.

Appendix F is a list of potential stakeholder meetings for 2025.

## Appendix A Context for the Noise Reduction Programme

### Legal obligations

Auckland Airport is required to manage the effects of aircraft noise generated by its operation under the provisions of the Auckland Unitary Plan. Condition 10 of Auckland Airport Designation 1100 sets out the requirements for how Auckland Airport should manage the effects of aircraft noise through the implementation of a Noise Reduction Programme (“**NRP**”) whereby noise reduction packages are offered to owners of homes most affected by aircraft noise.

Every year Marshall Day Acoustics calculates (on behalf of Auckland Airport) the average level of aircraft noise that is expected from Auckland Airport’s operations in the following 12 months and develops corresponding Annual Aircraft Noise Contours (“**AANC**”). The AANC is split into the high aircraft noise area (“**HANA**”) and the moderate aircraft noise area (“**MANA**”), to determine what reduction package a home is eligible for.

### Noise Reduction Package

Noise reduction packages are offered on an annual basis to eligible properties located within the extent of the AANC. Homes built or granted resource consent after 10 December 2001 do not qualify for the noise reduction package. The purpose of the noise reduction package is to help a house to achieve an internal noise environment of 40 dBA Ldn or less with all windows and doors closed.

The HANA reduction package includes:

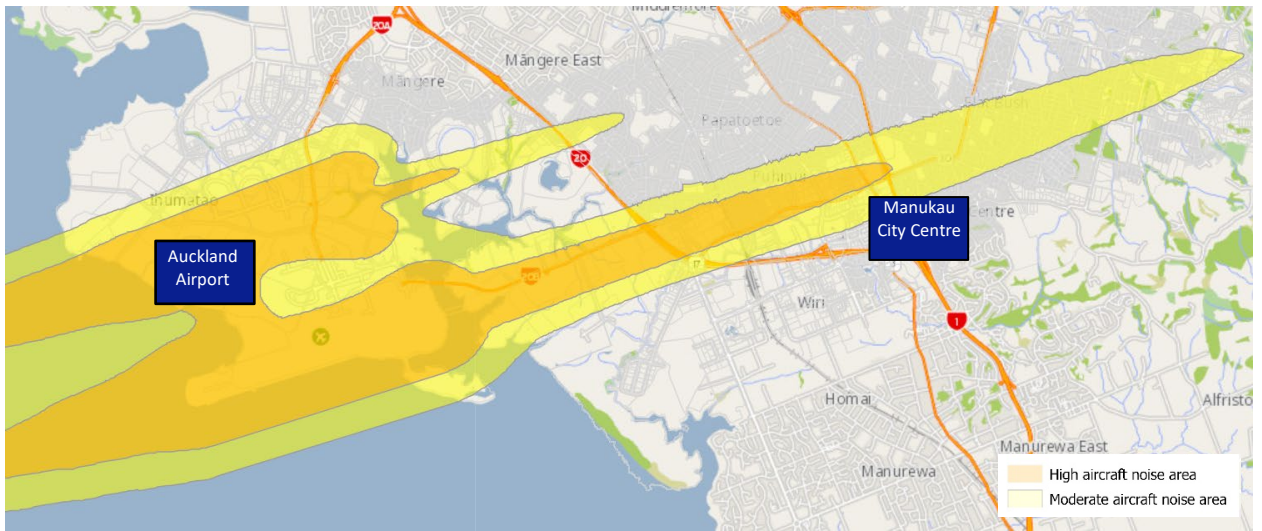
- a heat pump to provide heating or cooling
- window and door treatment
- ceiling insulation
- a ventilation system that will circulate fresh air through your home
- a kitchen extraction fan

The MANA reduction package includes:

- a heat pump to provide heating or cooling
- a ventilation system that will circulate fresh air through your home
- a kitchen extraction fan

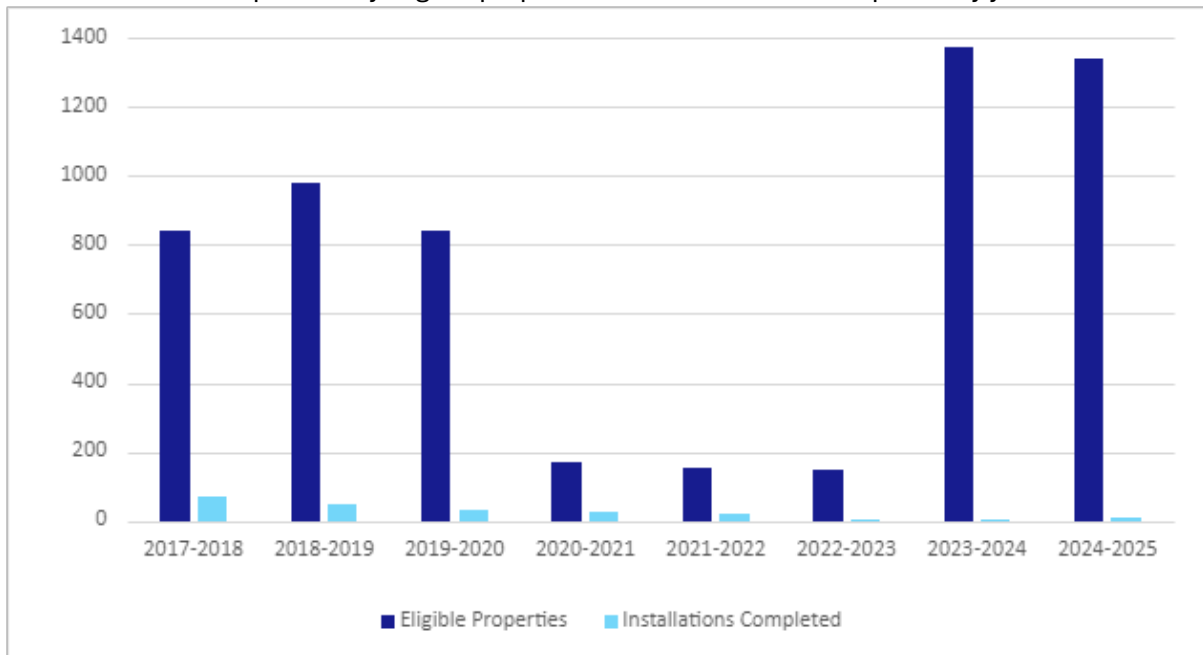
All noise reduction packages are subsidised by Auckland Airport, however, the financial contribution offered by Auckland Airport depends on where the home is located within the AANC. Within the high aircraft noise area Auckland Airport will pay the full cost of noise reduction package. Within the moderate aircraft noise area Auckland Airport pays 75% of the cost of installing the noise reduction package. The homeowner needs to pay the remaining 25% of the cost. Financial assistance is potentially available through the Auckland Airport Community Trust, see: <https://www.aucklandairportcommunitytrust.org.nz/noise-mitigation/what-we-fund/>.

**Appendix B**  
**Full extent of the MANA and HANA as mapped in the Auckland Unitary Plan**



**Appendix C  
Annual offer and uptake figures**

Total potentially eligible properties and installations completed by year



Offer Year	Potentially Eligible Properties			Installations Completed	Rolling Total Installations
	Total	HANA	MANA		
2017-2018	842			73	73
2018-2019	977			49	122
2019-2020	842			30	152
2020-2021	190*			24	176
2021-2022	166*			20	196
2022-2023	768			5	201
2023-2024	1373	312	1061	4	205
2024-2025	1339	279	1063	17	222

\* During this time aircraft movements were significantly reduced due to the Covid 19 pandemic. This resulted in smaller AANCs.

## Appendix D

### Key stages in the delivery of the Noise Reduction Programme

Key stages of the delivery of the Noise Reduction Programme are:

#### **Pre-inspection**

When an eligible homeowner registers an interest in receiving a noise reduction package from Auckland Airport, a pre-inspection of the property will be arranged. Auckland Airport's Project Manager will liaise with the homeowner and arrange for all contractors to undertake the pre-inspection, ideally on the same day. This pre-inspection is necessary to ensure the property meets health and safety standards and to determine the most suitable package to be installed.

#### **Formal offer**

Once the property has been inspected, Auckland Airport will then send a formal offer to the homeowner confirming the package specifications, where it will be installed, and details on next steps. The homeowner can either accept or decline the offer.

#### **Covenant registration**

Once a formal offer has been accepted, the homeowner must enter into a covenant (which is registered on the Record of Title of their property) with Auckland Airport. The purpose of the covenant is to provide notice that the noise reduction package has been installed, that the effectiveness of the package cannot be lessened, and that the equipment cannot be removed without permission from Auckland Airport. Auckland Airport covers the cost of initial legal advice (up to \$300 excl GST) and reasonable legal fees for covenant registration fees associated with this part of the process.

#### **Installation**

Once Auckland Airport has confirmed covenant registration (and if located in the MANA, payment of 25% of the package cost) Auckland Airport will advise the Project Manager that the noise reduction package can be installed. The Project Manager is responsible for liaison with the homeowner/tenant to arrange installation of the noise reduction package agreed with Auckland Airport.

**Appendix E  
Key Initiatives for 2025**

<b>Initiative</b>	<b>Description</b>	<b>Timing</b>
Stakeholder meetings	Attend at least 12 stakeholder sessions in 2025. See Appendix F for more details.	2025
Promotional interview	Identify and interview a willing and suitable recipient of the NRP to promote the benefits of the ventilation and acoustic treatment.	2025
Development of a children's storybook	Investigate commissioning and publishing a children's storybook to promote the role of the package in providing a healthy living environment for families living within the contours. If feasible, it is anticipated the storybook would be distributed to local schools and libraries in the noise contours.	Q2
Refer-a-Friend scheme	Investigate a Refer-a-Friend scheme to incentivise the referral of potentially eligible properties to the NRP. Incentive provided upon uptake of the package by the referred person.	Q2
Delivery of material to stakeholders	Preparation of tailored letters to be shared with: <ul style="list-style-type: none"> <li>• Schools in the noise contours</li> <li>• Auckland Airport precinct workers</li> <li>• Local board</li> <li>• Local MP</li> </ul>	Q2
Tertiary post-graduate project	Investigate a potential post-graduate project to explore the barriers to uptake of the Noise Reduction Programme.	Q3
Targeted Advertisement	Geographically and time targeted advertisement (as per trial conducted in 2024).	Q4

**Appendix F**  
**List of Potential Stakeholder Sessions**

<b>Community Group</b>	<b>Description</b>	<b>Timing</b>	<b>Year</b>	<b>Status</b>
Manurewa Community Network	Manurewa Community Networking Event	Q2/3	2025	
St Peter Chanel Church	Attend a Wednesday 10am community session and provide talk to church group. Group consists of Samona, Tongan, and English-speaking members.	Q2/3	2025	In progress
Māngere East Cultural Festival	Set up a stall on the NRP at the Mangere East Cultural Festival	Q2/3	2025	
Papatoetoe Library	Attendance at Papatoetoe tea and talk session	Q2/3	2025	
Friendship House He Whare Tangata	Attend community provider/charity networking session	Q2/3	2025	
Manukau Library	Host a session on the Noise Reduction Programme	Q3/4	2025	
Habitat for Humanity	Join a Habitat for Humanity community event session	Q3/4	2025	
Manurewa Community Network	Manurewa Community Networking Event	Q3/Q4	2025	
Friendship House He Whare Tangata	Attend community provider/charity networking session	Q3/Q4	2025	
Tbc	Attend Māngere East End of Year Festival	December	2025	