



Noise Mitigation Programme Report January 2024 – March 2024

Introduction

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

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

The 2023-2024 offer covered the full extent of the future high aircraft noise area (“**HANA**”) as mapped under the Auckland Unitary Plan (see Appendix B) and the 2019-2020 moderate aircraft noise area (“**MANA**”), noting this is a larger area than the 2023-2024 MANA. Letters were sent to property owners and tenants of 1373 (312 HANA, 1061 MANA) potentially eligible properties. This includes offers sent to properties owned by Kāinga Ora.

The purpose of this report is to update the Aircraft Noise Community Consultative Group (“**ANCCG**”) on the implementation of the Noise Mitigation Programme for the period January 2024 – March 2024.

Delivery of the 2023-2024 Offer

There has been significant interest in the 2023-2024 offer with 109 enquiries received to date, primarily through the online enquiry form. Seventy-six pre-inspections (19 in the HANA and 57 in the MANA) have been completed so far.

For the 2023-2024 offer, we have re-engaged three suppliers (Hometechn, Elite, and MTP) to facilitate the implementation of the Noise Mitigation Programme. MTP has been appointed to act as Project Manager on Auckland Airport’s behalf. This has helped streamline the on-the-ground inspection and installation processes. Feedback from both the suppliers and homeowners suggests the homeowners and tenants are pleased with the level of contact and information coming from both Auckland Airport and MTP.

Record of delivery 2023-2024 offer

	Pre-inspection	Formal offer sent but not accepted	Covenant registrations	Awaiting installation or installation underway	Completed
As of 1 st December 2023	2	0	7*	3	0
As of 12 th February 2024	76	0	7	0	3

* These 7 properties accepted the 2022-2023 noise mitigation offer and are still in the process of registering land covenants

Communications

During the January 2024 – March 2024 quarter Auckland Airport has:

- Provided the AANC map and engagement material to Auckland Council as fulfillment of Auckland Airport's obligations under the Designation 1100 and the Auckland Unitary Plan.
- Distributed the Noise Mitigation Programme poster and brochure to the Manukau Library and Tupu Youth Library for display. This material was accompanied by a detailed cover letter for the library staff explaining the purpose of the Noise Mitigation Programme.
- Provided Chinese translations of the offer letter and Noise Mitigation Programme brochure to a number of property owners on request.
- Procured the translation of the offer letter and brochure into Vietnamese for one property owner. This broadens the languages available to six (Te Reo; Hindi; Mandarin; Tongan; Samoan; and Vietnamese).

As noted above, there has been significant interest in the Noise Mitigation Programme since the release of the 2023-2024 offer which means Auckland Airport's suppliers are currently undertaking a large number of pre-inspections. Mindful of the need to manage demand to ensure this pre-inspection and the subsequent steps in the process proceed successfully we have delayed implementing new engagement initiatives (see Appendix E attached) at this stage. We are actively monitoring this demand and will implement additional engagement initiatives if interest slows. In the meantime, Auckland Airport has asked the suppliers to highlight any recipients that may be interested in participating in future promotional material. This may include photographs, videos, and transcribed interviews with property owners who have already received a noise mitigation package to be used in online advertisements.

Appendices

- A. Context for the Noise Mitigation 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 Mitigation Programme
- E. Potential engagement initiatives identified

Appendix A

Context for the Noise Mitigation 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 Mitigation Programme (“NMP”) whereby noise mitigation 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 mitigation package a home is eligible for.

Noise Mitigation Package

Noise mitigation 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 mitigation package. The purpose of the noise mitigation 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 mitigation package includes:

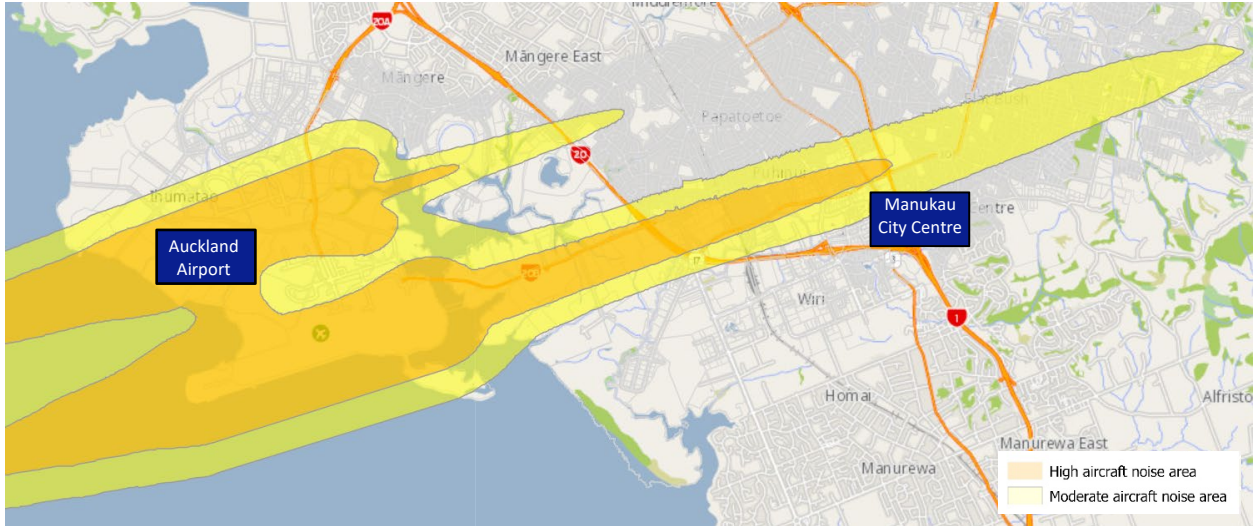
- a heat pump to provide heating or cooling
- window and door seals
- ceiling insulation
- a ventilation system that will circulate fresh air through your home
- a kitchen extraction fan

The MANA mitigation 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

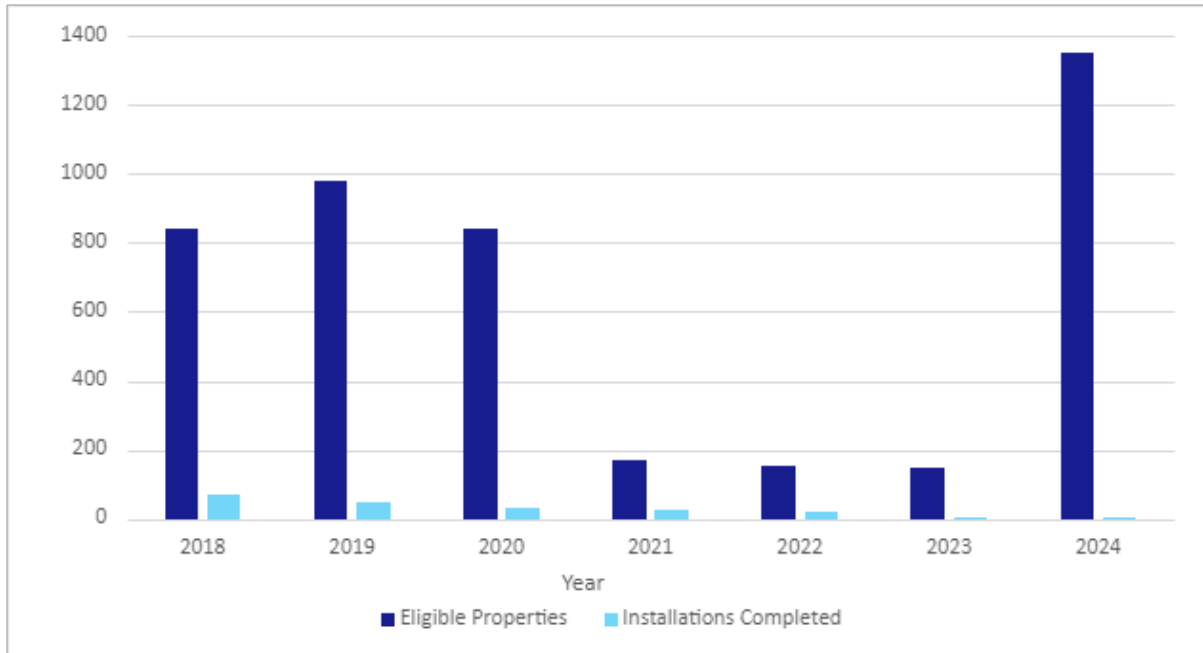
All noise mitigation packages are subsidised by Auckland Airport, however, the financial contribution offered by depends on where the home is located within the AANC. Within the high aircraft noise area Auckland Airport will pay the full cost of noise mitigation package. Within the moderate aircraft noise area Auckland Airport pays 75% of the cost of installing the noise mitigation package. The homeowner needs to pay the remaining 25% of the cost. Financial assistance is 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 eligible properties and installations completed by year



Offer Year	Potentially Eligible Properties			Installations Completed	Rolling Total Installations to Date
	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	3	204

* 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 Mitigation Programme

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

Pre-inspection

When an eligible homeowner registers an interest in receiving a noise mitigation 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 mitigation 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 covenant registration fees (up to \$1500 excl GST) associated with this part of the process.

Installation

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

Appendix E
Potential Engagement Initiatives Identified

- Placing notices in community newsletters e.g. schools and churches and providing brochures for parents and members.
- Creating content for sharing on Auckland Airport, Local Board, Auckland Council, and community social media accounts. This content may include videos and transcribed interviews with property owners who have already received a noise mitigation package.
- General advertisements on social media and local radio stations advising of the Noise Mitigation Programme.
- Distributing posters and brochures to local community hubs for display e.g. community pools, gyms, supermarkets.
- Creating billboard and bus stop advertisements for display within the extent of the Annual Aircraft Noise Contour (AANC).