

NOISE MITIGATION PROGRAMME

REPORT No 6 APRIL 2006

1.0 Introduction

This report provides an update on the Noise Mitigation Programme from October 2005 to April 2006, as is required by Condition 10A(b) of the Airport Designation. The report should be read in conjunction with previous Noise Mitigation Programme reports which provide details of the entire Programme and progress since October 2003. Reports are produced every six months.

The Noise Mitigation Programme provides for offers of acoustic treatment which are made to owners of various Activities Sensitive to Aircraft Noise (ASANs) in noise impacted areas around Auckland International Airport (AIA), under Condition 10 of the Designation.

AIAL's general requirements under the Programme fall into the following areas:

1. Existing Buildings subject to noise from Aircraft Operations;
2. Existing Buildings subject to Engine Testing Noise; and
3. New Buildings at Educational Facilities.

This report assumes that the reader is familiar with the terminology used in the Airport Designation and for that reason definitions and terms from the designation and from the operative Manukau District Plan are used without further definition in this report.

2.0 Existing Buildings Subject to Noise from Aircraft Operations

The Airport Designation categorises three types of Existing Buildings:

- ? Educational Facilities
- ? Registered Pre-schools
- ? Others (predominately household units (referred to as dwellings in this report) but also includes child centres, hospitals, and rest homes etc).

AIAL is required to offer acoustic treatment to the owners of these Existing Buildings when the predicted noise level from aircraft operations reaches specified levels. In order to know when these offers should be made AIAL produces Annual Aircraft Noise Contours (AANCs).

Under Condition 10(n) of the Airport Designation, offers of acoustic treatment packages were required to be made as follows:

- ? Offers relating to the 2004 AANCs (published in October 2003) by April 2005;
- ? Offers relating to the 2005 AANCs (published in October 2004) by April 2006; and
- ? Offers relating to the 2006 AANCs (published in October 2005) by October 2006.

Progress towards making offers is outlined below.

2.1 Offers to Existing Dwellings

2.1.1 Offers relating to the 2004 AANCs

Under the 2004 AANCs, offers of acoustic treatment packages were made to the owners of 471 Existing Dwellings in March and April 2005. These offers were open for 12 months and have now closed.

AIAL's offer was accepted for 46 properties. 44 of these properties are inside the Ldn 60 dBA contour and two are inside the Ldn 65 dBA contour. 38 of the properties are owned by Housing New Zealand. Work to install the acoustic treatment packages at these properties is proceeding.

2.1.2 Offers relating to the 2005 AANCs

As outlined in previous reports, no further offers are required to be made based on the 2005 AANCs.

2.1.3 Offers relating to the 2006 AANCs

The 2006 AANCs were due to be published on 21 October 2005. As outlined in the previous report, AIAL advised Manukau City Council (MCC) that publishing of the 2006 AANCs would be delayed due to a difference in monitoring results and noise levels predicted by the INM model. Since that time AIAL's noise consultants have been investigating the reasons for this difference and how it will be addressed in both the 2006 AANCs and other future AANCs. AIAL has written to MCC requesting that publication of the 2006 AANCs be delayed until 21 May 2006. Offers relating to these contours will be made by October 2006.

2.2 Existing Educational Facilities

Based on the 2004 AANCs, Puhinui Primary School qualified for an acoustic treatment offer in April 2005. This offer was made to the Ministry of Education (MOE) on 21 April 2005 and has now been accepted by the MOE. AIAL is now proceeding with developing the package that will be installed at the school as specific designs need to be created for each school individually.

2.3 Existing Registered Preschools

Two existing registered preschools qualified for an acoustic treatment offer in April 2005. These are the Lollipops Educare Centre in Lambie Drive and Te Kohanga Reo O Te Rangimaria on Puhinui Road. Offers were made to the owners of these properties on 21 April 2005 and AIAL visited both properties. Te Kohanga Reo O Te Rangimaria have accepted AIAL's offer. Details relating to the ownership of the land are currently being resolved.

3.0 Existing Buildings Subject to Engine Testing Noise

These offers were made to the owners of 13 Existing Buildings within the specified Ldn 57 Area in April 2004. Offers were open for one year. No offers were accepted and offers have now closed.

4.0 New Buildings at Educational Facilities

Under Conditions 10(k) & 10(m), AIAL is obligated to offer funding for acoustic treatment in new noise sensitive buildings at both existing and new public Educational Facilities in the MANA.

The requirement to make those offers is conditional on certain certification from the Ministry of Education (MoE). Basically AIAL's role is a reactionary one after advice from the MoE.

In September 2005, AIAL received information regarding work to be undertaken at Chapel Downs School. AIAL is currently working with the school's architect to progress this matter.

No advice has been received regarding new buildings at other eligible schools.

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