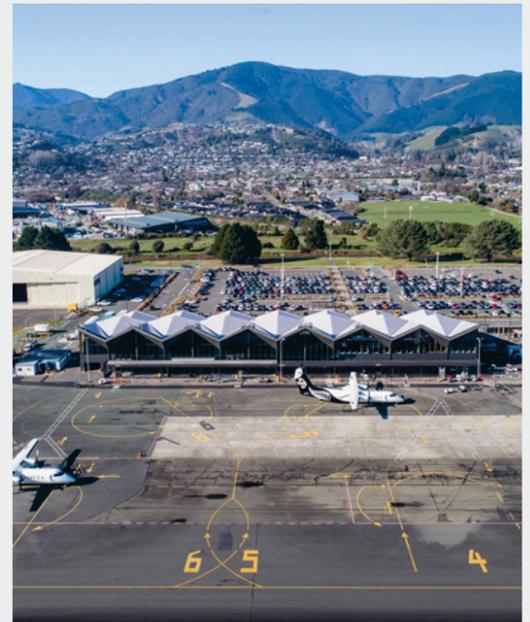


# Background and context

## The Why

- Nelson Airport is a strategic part of the region’s infrastructure. The Airport provides Nelson with important passenger and freight connections to the rest of New Zealand.
- There is a need to futureproof the Airport so it can continue to play an important role to our Te Taihū communities as they grow in the future.
- The managed growth of Nelson Airport was to be considered in the broader context of the Whakamahere Whakatū Nelson Plan process being undertaken by Nelson City Council. The Council has paused that process.
- The Council is considering options for residential intensification under its Future Development Strategy. Best practice planning aims to carefully manage housing density close to commercial Airports. Nelson Airport wants to ensure the most up to date noise projections are included in those considerations by the Council.
- The existing zoning and planning controls for the Airport (in the Nelson Resource Management Plan) are dated, and require updating to be consistent with best practice.
- Therefore, Nelson Airport Limited (NAL) is seeking changes to the Nelson Resource Management Plan to provide for the Airport’s future, and provide certainty to the Airport’s neighbours.



Source: 2011 Nelson Airport Master Plan

## The What

- Nelson Airport Limited has a 30 year Master Plan to outline its strategic growth and management.
- The previous version of the Master plan identified a runway extension was necessary. The current 2022 Master Plan confirms that need.
- Providing for the runway extension also requires alignment with current best practice. This requires updates to the noise contours in accordance with the NZ Standard on Airport Noise Management (NZS6805:1992). Under the Resource Management Act 1991 an update of the (Airport) Designation and District Plan zone and provisions is necessary.

### Designation / Notice of Requirement

Spatial Extent and Noise	Three Designations: <ul style="list-style-type: none"> <li>• DAA1 – Spatial Extent</li> <li>• DAA2 – Operations and Management of Noise</li> <li>• DAA3 – Obstacle Limitation Surfaces</li> </ul>	<ul style="list-style-type: none"> <li>• Amend spatial extent to align with runway extension.</li> <li>• Noise Management Plan Reporting and Compliance.</li> <li>• Mitigation Package for existing sensitive activities within the 60dB Airnoise contour</li> </ul>
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Source: 2021 Nelson Airport Master Plan

### Plan Change

	Operative Plan	NAL Proposal
Zone	Industrial	New Airport Zone Precincts: Coastal Precinct Core Airport Precinct (Operational) Airport Environs Precinct (Support)
Noise	<b>Airport Effects Control Overlay (60dB)</b> <ul style="list-style-type: none"> <li>• Insulation required to achieve indoor 45dB Ldn</li> </ul>	<b>Air Noise Boundary (65dB)</b> Noise sensitive activities precluded. ( <i>Previously in the Airport Designation</i> )
Contours	<ul style="list-style-type: none"> <li>• Multi-unit developments precluded</li> <li>• Limitation on minimum lot size below 600m<sup>2</sup>.</li> </ul>	<b>Airport Effects Control Overlay (55dB)</b> <ul style="list-style-type: none"> <li>• Insulation required to achieve indoor 40dB Ldn</li> <li>• Multi-unit developments precluded</li> <li>• Limitation on minimum lot size below 600m<sup>2</sup>.</li> </ul>
Engine testing	Limits are set for aircraft engine testing	No change
Limits	Noise from aircraft operations measured at the Ldn 65 dB.	No change.



**NELSON AIRPORT**  
*Good things start here.*

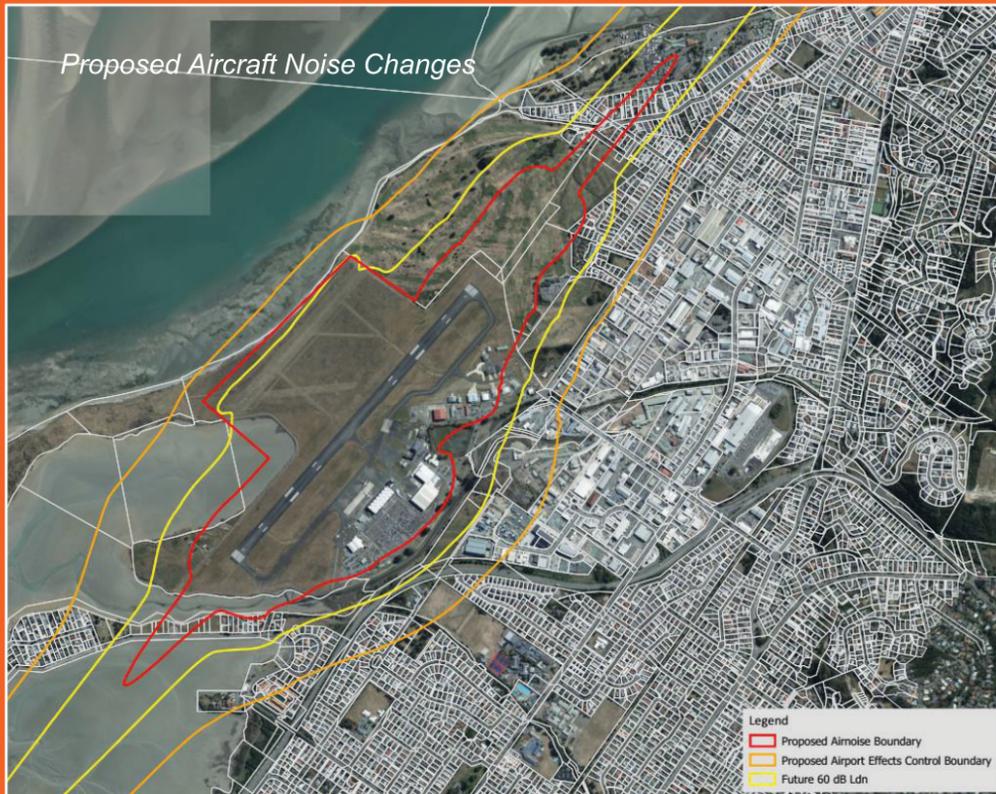
# The When

Milestone	Timing
First community drop in session	12 May 2022
Provide Nelson City Council with NAL's proposed noise contours to inform the Future Development Strategy	19 May 2022
Consultation with mana whenua	Ongoing
Preparation of NAL's Notice of Requirement (NoR)	May / June / July 2022
Preparation of NAL's Proposed Plan Change to accompany NoR	May / June / July 2022
Further community consultation	Ongoing. Targeted sessions. Further drop in June 2022
Lodge with Nelson City Council to commence formal statutory process	July 2022
Statutory notification and ability for public submissions	September / October 2022



Source: 2021 Nelson Airport Master Plan

## The Mitigation Package



Best practice noise mitigation measures will be offered to the surrounding community as noise from the airport increases over time.

Mitigation measures will be 100% funded by Nelson Airport

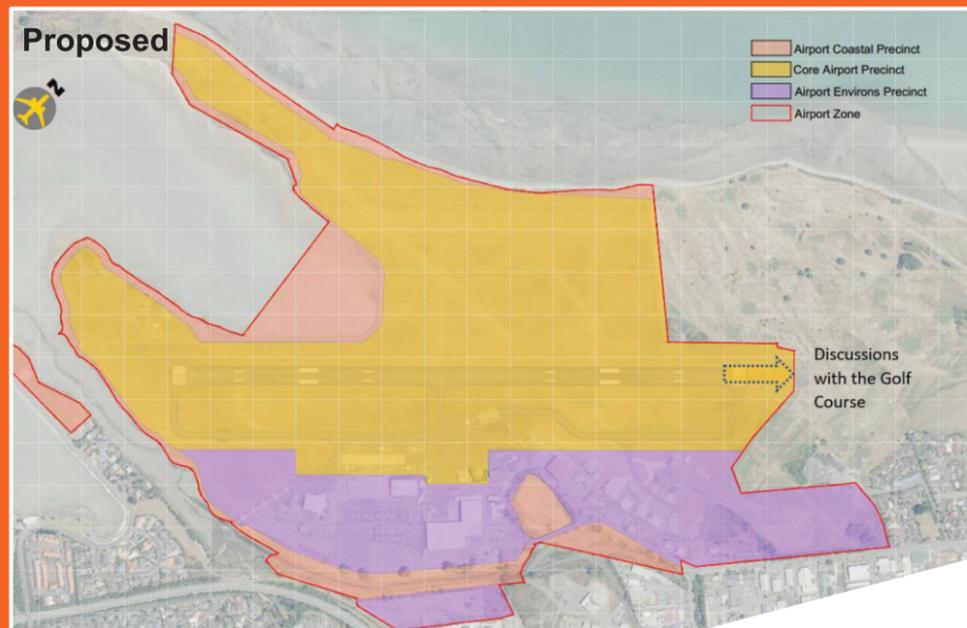
60 – 64 dB  $L_{dn}$  Mitigation Offer (Between red and yellow lines)

- Ventilation system to provide outdoor air to habitable rooms
- Heat pump in main living space for thermal comfort.
- Allows residents to close windows to reduce noise.
- Offered when annual actual aircraft noise reaches 60 dB  $L_{dn}$  at the property

65 – 69 dB  $L_{dn}$  Mitigation Offer (Within red line)

- Ventilation system as per 60 – 64  $L_{dn}$  above.
- Acoustic treatment to habitable rooms (e.g. window seals, additional wall/ceiling linings, secondary glazing) to achieve 40  $L_{dn}$  indoors
- Offered when annual actual aircraft noise reaches 60 dB  $L_{dn}$  at the property

## The Zone



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Good things start here.