

## Qualification details

Qualification number/Te nama o te tohu mātauranga	2904-2		
English title/Taitara Ingarihi	New Zealand Diploma in Aeronautical Engineering (Maintenance Planning) (Level 5)		
Māori title/Taitara Māori			
Version number/Te putanga	2	Qualification type/Te momo tohu	Diploma
Level/Te kaupae	5	Credits/Ngā whiwhinga	120
NZSCED/Whakaraupapa	031503 Engineering and Related Technologies>Aerospace Engineering and Technology>Aircraft Maintenance Engineering		
Qualification developer/Te kaihangā tohu	Ringa Hora Services Workforce Development Council		
Review Date /Te rā arotake	31/12/2027		

## Outcome statement/Te tauāki ā-hua

Strategic Purpose statement/ Te rautaki o te tohu
<p>The purpose of this qualification is to provide the aeronautical engineering industry with graduates who carry out the maintenance planning function and recognises the knowledge and skills in keeping with the Civil Aviation Authority (CAA) regulatory requirements, or the New Zealand Defence Force Airworthiness Policy, for this role.</p> <p>This qualification is intended for learners who are experienced aeronautical engineers, and who want to broaden their skills to include maintenance planning.</p> <p>Graduates will be equipped with a comprehensive set of skills relating to the administration and management of maintenance planning for an aviation engineering organisation.</p>

Graduate Profile/Ngā hua o te tohu
<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> <li>- Apply maintenance planning specialist skills to the planning, forecasting and/or monitoring of aircraft maintenance.</li> <li>- Apply knowledge of specialist aeronautical engineering skills to support aircraft maintenance planning.</li> </ul>

Education Pathway/ Ngā huarahi mātauranga
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This qualification can provide a pathway from the various New Zealand certificates and diplomas in Aeronautical Engineering and can provide a pathway to other training opportunities, both off job and on job, in Aeronautical Engineering.

Career progression beyond these specialist maintenance roles is most likely to be in management, for which a range of management qualifications are available.

Pathway qualifications include:

New Zealand Diploma in Aeronautical Engineering (Technical Support) (Level 6) [Ref: 2906].

**Employment, Cultural, Community Pathway/ Ko ngā huarahi ā-mahi, ā-ahurea, ā-whānau, ā-hapū, ā-iwi, ā-hapori anō hoki**

Graduates will have the skills and knowledge to be a maintenance planner in aeronautical engineering organisations within the aviation industry.

## Qualification Specifications/ Ngā tauwhāititanga o te tohu

<b>Qualification Award/ Te whakawhiwhinga o te tohu</b>	This qualification may be awarded by any education organisation with an approved programme.
<b>Evidence requirements for assuring consistency/ Ngā taunaki hei whakaū i te tauritenga</b>	<p>Evidence may include the following:</p> <ul style="list-style-type: none"> <li>analysis of employer surveys to determine if graduates of the qualification meet the graduate profile outcomes</li> <li>analysis of graduate surveys to determine if graduates of the qualification meet the graduate profile outcomes</li> <li>analysis of a range of workplace evidence demonstrating that graduates of the qualification meet the graduate profile outcomes</li> <li>evidence of effective internal and external quality assurance systems to assure that graduates meet the graduates of the qualification meet the graduate profile outcomes.</li> </ul>
<b>Minimum standard of achievement and standards for grade endorsements/ Te pae o raro e tutuki ai, ngā paerewa hoki hei whakaatu i te taumata o te whakatutukinga</b>	Achieved.
<b>Other requirements for the qualification (including regulatory body or legislative requirements)/ Kō ētahi atu here o te tohu (tae atu hoki ki ngā here ā-hinonga whakamarumarū, ki ngā here ā-ture rānei)</b>	None.
<b>General conditions for programme/ Ngā tikanga whānui o te hōtaka</b>	<p>To achieve this qualification trainees must at all times comply with aviation regulations applicable to aeronautical engineers, such as those set-in place by Civil Aviation Authority (CAA) Rules or New Zealand Defence Force (NZDF) Policy.</p> <p>Additional guidance and recommendations for programme development can be found on the Ringa Hora website at <a href="https://www.ringahora.nz/qualifications-">https://www.ringahora.nz/qualifications-</a></p>

	<p><a href="#">and-standards-overview/programme-guidance-documents-for-providers-developing-programmes/</a></p> <p>Programme developers should consider the role divisions between fleetwide planning and planning for specific servicing. The recommended standards in Outcome 1 provide paths to meet the outcome's intent regardless of the role divisions.</p> <p>Providers are advised to refer to the Ringa Hora Services Workforce Development Council <a href="#">Programme endorsement</a> considerations:</p> <ul style="list-style-type: none"> <li>• Ngā Whakamārama - Programme content</li> <li>• Mana ōrite mō te hunga ako - Equity for learners</li> <li>• Torotoronga me te kimi whakaaro - Programme engagement and consultation</li> <li>• Te ao Māori</li> <li>• Te akoako me ngā reo o Te Moana-nui-a-Kiwa - Pacific languages and learners</li> <li>• Tangata Whaikaha - Disabled people</li> </ul> <p>Further information is available from NZQA on <a href="#">Programme approval and provider accreditation</a></p>
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#### Conditions relating to the Graduate Profile /Ngā tikanga e hāngai ana ki nga hua o te tohu

Qualification outcomes/ Ngā hua		Credits/Ngā whiwhinga	Conditions/Ngā tikanga
1.	Apply maintenance planning specialist skills to the planning, forecasting and/or monitoring of aircraft maintenance.	80 credits	Recommended unit standards: 10794, 10796, 10797; 10803, 10804, 10805, 10806
2.	Apply knowledge of specialist aeronautical engineering skills to support aircraft maintenance planning.	40 credits	<p>Within the Field Engineering and Technology, and the Subfield Aeronautical Engineering, standards from the following Domains:</p> <ul style="list-style-type: none"> <li>- Aeronautical Engineering Planning</li> <li>- Aeronautical Engineering Production Control</li> <li>- Aeronautical Engineering Quality Assurance</li> <li>- Aeronautical Engineering Technical Support</li> <li>- Aeronautical Maintenance Certification</li> </ul>

#### Transition information/ He kōrero whakawhiti

Replacement information/ He kōrero mō te whakakapi	<p>This qualification replaced the National Diploma in Aeronautical Engineering (Maintenance Planning) (Level 5) [Ref: 1258].</p> <p>The National qualification was discontinued on 31 December 2020.</p>
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<p><b>Additional transition information/ Kō ētahi atu kōrero mō te whakakapi</b></p>	<p><b>Version Information</b></p> <p>Version 2 of this qualification was published in December 2022 as the result of a scheduled review.</p> <p>Please refer to <a href="#">Qualifications and Assessment Standards Approvals</a> for further information.</p> <p>The last date for assessment for programmes leading to version 1 of this qualification is 31 December 2026.</p> <p>It is the intention of Ringa Hora Services Workforce Development Council that no existing trainee should be disadvantaged by these transition arrangements.</p> <p>Any person who considers they have been disadvantaged may appeal to:</p> <p>Ringa Hora Services Workforce Development Council PO Box 445 Wellington Phone: 04 909 0306 Web: <a href="https://www.ringahora.nz/">https://www.ringahora.nz/</a> Email <a href="mailto:Qualifications@ringahora.nz">Qualifications@ringahora.nz</a></p>
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