

**FIELD                    ENGINEERING AND TECHNOLOGY****Review of *Aeronautical Engineering* qualifications****National Certificate in Aircraft Servicing [Ref: 0171]**

**National Certificate in Aeronautical Engineering (Support) with strands in Aeronautical Composites, Aeronautical Machining, Aeronautical Non Destructive Testing, Aircraft Furnishings and Equipment, Aircraft Mechanical, Aircraft Painting, Aircraft Powerplant, Aircraft Structures, Armament, Avionics, Metal Surface Finishing, and Rotorcraft [Ref: 0191]**

**National Certificate in Aeronautical Engineering with strands in Aeronautical Non Destructive Testing, Armament, Avionics, Aircraft Mechanical, Aircraft Powerplant, Rotorcraft, and Aircraft Structures [Ref: 0192]**

**National Certificate in Aeronautical Engineering (Related Technology) [Ref: 0381]**

The Aviation, Tourism and Travel Training Organisation has completed the review of the qualifications listed above.

**Date new versions published****March 2008**

The next qualification review is planned to take place during 2012.

**Summary of review and consultation process**

The qualifications were reviewed as the final part of the Aeronautical Engineering review, following the review of all the unit standards.

An Advisory Group consisting of industry users, providers, and assessors met as part of the Aeronautical Engineering review, in order to review the contents of the qualifications. As a result, the qualifications were amended to take account of changes to the unit standards and to align them with current business practices.

The Advisory Group considered comments and endorsed the new versions of the qualifications in July 2007 after evaluating feedback from the wider industry.

**Main changes resulting from the review**

The review process has resulted in the following changes to the qualifications.

**National Certificate in Aircraft Servicing [Ref: 0171]**

Review category	<b>B</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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**Changes to structure and content**

- Unit standards 3901, 3903, and 3911 were moved from the compulsory section to the elective section.
- Compulsory unit standard 2824 was replaced by unit standards 21911 and 21912.
- Unit standard 3910 was replaced by unit standards 20633 and 20634, with unit standard 20633 moving to the elective section and unit standard 20634 becoming a compulsory standard.
- Unit standards 3904 and 3905 were removed from the qualification.
- Overall credit value increased from 71 to 73 credits.

## Transition

People currently enrolled in programmes leading to the award of version 4 of this qualification may either complete that version or transfer to version 5. The last date for completion of version 4 is 31 December 2009. All versions of this qualification will be recognised by the Aviation, Tourism and Travel Training Organisation.

The qualification contains standards that replace earlier standards. For the purposes of this qualification people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards.

Credit for	Exempt from
2824	21911, 21912
3910	20633, 20634
3916	20629, 20630
3923	20631

National Certificate in Aeronautical Engineering (Support) with strands in Aeronautical Composites, Aeronautical Machining, Aeronautical Non Destructive Testing, Aircraft Furnishings and Equipment, Aircraft Mechanical, Aircraft Painting, Aircraft Powerplant, Aircraft Structures, Armament, Avionics, Metal Surface Finishing, and Rotorcraft [Ref: 0191]

**National Certificate in Aeronautical Engineering (Specialist Support) with optional strands in Aeronautical Composites, Aeronautical Electroplating, Aeronautical Machining, Aeronautical Non Destructive Testing, Aircraft Furnishings and Equipment, Aircraft Mechanical, Aircraft Painting, Aircraft Powerplant, Aircraft Structures, Armament, Avionics, and Rotorcraft [Ref: 0191]**

Review category	<b>B</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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Changes to structure and content

- the qualification structure was changed to make all strands optional, and to add the Aeronautical Engineering elective
- Aeronautical Electroplating was added as a new strand
- additional domains were added to the avionic strand
- compulsory unit standard 2824 was replaced by unit standards 21911 and 21912
- unit standards 3894 and 3896 were raised to Level 3.

## Transition

People currently enrolled in programmes leading to the award of version 3 of this qualification may either complete that version or transfer to version 4. The last date for completion of version 3 is 31 December 2010. All versions of this qualification will be recognised by the Aviation, Tourism and Travel Training Organisation.

This qualification contains standards that replace an earlier standard. For the purposes of this qualification, people who have gained credit for the expiring standard are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
2824	21911, 21912

It also contains classifications that replace earlier classifications. For the purposes of this qualification people who have gained credit for the standards listed in the lapsing classification are exempt from the requirement to gain credit for the standards in the new classifications.

Credit for	Exempt from
Engineering and Technology>Aeronautical Engineering > Avionic Repair - Lapsing	Engineering and Technology > Aeronautical Engineering > Avionic Electrical Repair
	Engineering and Technology > Aeronautical Engineering > Avionic Instrument Repair
	Engineering and Technology > Aeronautical Engineering > Avionic Radio Repair

National Certificate in Aeronautical Engineering with strands in Aeronautical Non Destructive Testing, Armament, Avionics, Aircraft Mechanical, Aircraft Powerplant, Rotorcraft, and Aircraft Structures [Ref: 0192]

**National Certificate in Aeronautical Engineering with strands in Aeronautical Non Destructive Testing, Aircraft Mechanical, Aircraft Powerplant, Aircraft Structures, Armament, Avionic Electrical Repair, Avionic Instrument Repair, Avionic Maintenance, Avionic Radio Repair, and Rotorcraft [Ref: 0192]**

Review category	<b>B</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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Changes to structure and content

- the Avionic Repair domain was split to create three new domains, enabling the creation of three separate strands which replaced the Avionics strand within the avionic skill sector
- compulsory unit standard 2824 was replaced by unit standards 21911 and 21912
- unit standards 3894 and 3896 were raised to Level 3.

### Transition

People currently enrolled in programmes leading to the award of version 3 of this qualification may either complete that version or transfer to version 4. The last date for completion of version 3 is 31 December 2010. All versions of this qualification will be recognised by the Aviation, Tourism and Travel Training Organisation.

This qualification contains standards that replace an earlier standard. For the purposes of this qualification, people who have gained credit for the expiring standard are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
2824	21911, 21912

It also contains classifications that replace earlier classifications. For the purposes of this qualification people who have gained credit for the standards listed in the lapsing classification are exempt from the requirement to gain credit for the standards in the new classifications.

Credit for	Exempt from
Engineering and Technology>Aeronautical Engineering > Avionic Repair - Lapsing	Engineering and Technology > Aeronautical Engineering > Avionic Electrical Repair
	Engineering and Technology > Aeronautical Engineering > Avionic Instrument Repair
	Engineering and Technology > Aeronautical Engineering > Avionic Radio Repair

### National Certificate in Aeronautical Engineering (Related Technology) [Ref: 0381]

Review category	<b>B</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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Changes to structure and content

- compulsory unit standard 2824 was replaced by unit standards 21911 and 21912;
- elective unit standards 5910 and 5911 were removed from the qualification.

### Transition

People currently enrolled in programmes leading to the award of version 4 of this qualification may either complete that version or transfer to version 5. The last date for completion of version 4 is 31 December 2009. All versions of this qualification will be recognised by the Aviation, Tourism and Travel Training Organisation.

This qualification contains standards that replace an earlier standard. For the purposes of this qualification, people who have gained credit for the expiring standard are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
2824	21911, 21912

### General transition

It is anticipated that no existing trainees are disadvantaged by these transition arrangements.

Any person who feels disadvantaged by these provisions is invited to contact the Aviation, Tourism and Travel Training Organisation at the address below.

Aviation, Tourism and Travel Training Organisation

PO Box 6466

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WELLINGTON

Telephone 04 499 6570

Email info@attto.org.nz

### Key to Qualification Review Categories

<b>Category A</b> The qualification is published as a new version with the same NQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
<b>Category B</b> The qualification is published as a new version with the same NQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
	Transition arrangements are required if candidates must gain additional/different credits for the new version
<b>Category C</b> A new (replacement) qualification is published with new NQF ID	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
	Transition may be limited to phase-out dates
<b>Category D</b> Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set