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|--------------|---|----------------|-----------|
| <b>Title</b> | <b>Evaluate incoming aeronautical engineering technical information</b> |                |           |
| <b>Level</b> | <b>5</b>  | <b>Credits</b> | <b>20</b> |

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| <b>Purpose</b> | <p>This unit standard is intended for people providing technical services support for aircraft operating and maintenance activities.</p> <p>People credited with this unit standard are able to: evaluate and categorise incoming aeronautical engineering technical information; process mandatory information; and evaluate information relating to non-mandatory requirements.</p> |
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| <b>Classification</b> | Aeronautical Engineering > Aeronautical Engineering Technical Support |
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| <b>Available grade</b> | Achieved |
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### Guidance Information

- 1 All tasks must be carried out in accordance with enterprise procedures.
- 2 Definition  
*Enterprise procedures* – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.
- 3 Factors considered during evaluation include – reliability, safety, maintenance penalty or benefit, operational requirements, passenger comfort, development costs, implementation costs, cost of non-compliance.

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### Outcomes and performance criteria

#### Outcome 1

Evaluate and categorise incoming aeronautical engineering technical information.

#### Performance criteria

- 1.1 Information that applies to equipment being operated is identified.  
 Range part number, modification status, serial number, revision status.
- 1.2 Information is categorised in terms of mandatory and non-mandatory compliances.

**Outcome 2**

Process mandatory technical information.

**Performance criteria**

2.1 Conditions of compliance requirements are determined.

Range date, hours, cycles, landings.

2.2 Mandatory technical requirements are processed.

**Outcome 3**

Evaluate information relating to non-mandatory technical requirements.

**Performance criteria**

3.1 Non-mandatory technical requirements are assessed in terms of their effect on aircraft and/or equipment being operated.

Range reliability, safety, maintenance penalty or benefit, operational requirements, passenger comfort.

3.2 Implementation of non-mandatory technical requirements is assessed in terms of costs.

Range development costs, implementation costs, cost of non-conformance.

3.3 Decision is made whether to further progress non-mandatory technical requirements.

3.4 Decision is documented and distributed.

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| <b>Planned review date</b> | 31 December 2027 |
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**Status information and last date for assessment for superseded versions**

| Process               | Version | Date            | Last Date for Assessment |
|-----------------------|---------|-----------------|--------------------------|
| Registration          | 1       | 23 July 1997    | 31 December 2016         |
| Revision              | 2       | 8 May 2001      | 31 December 2016         |
| Review                | 3       | 19 May 2006     | 31 December 2016         |
| Review                | 4       | 24 October 2014 | 31 December 2021         |
| Review                | 5       | 26 March 2020   | N/A                      |
| Rollover and Revision | 6       | 26 April 2024   | N/A                      |

**Consent and Moderation Requirements (CMR) reference**

0028

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact Ringa Hora Services Workforce Development Council [qualifications@ringahora.nz](mailto:qualifications@ringahora.nz) if you wish to suggest changes to the content of this unit standard.