

<b>Title</b>	<b>Demonstrate knowledge of aircraft Maintenance Programmes</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to explain: the purpose of and processes involved in a Civil Aviation Authority (CAA) approved Maintenance Programme and the role of the programme in relation to the Exposition; inspection requirements in relation to the CAA approved Maintenance Programme; the process of implementing unscheduled maintenance; maintenance records requirements; and the requirements of parts documentation.
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<b>Classification</b>	Aeronautical Engineering > Aeronautical Engineering Planning
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and Rules that relate to this unit standard are the Civil Aviation Act 1990; and the Civil Aviation Authority of New Zealand (CAA) Rules.
- 2 Information relating to CAA Rules can be obtained from the CAA website on <http://www.caa.govt.nz>.
- 3 Definition  
*Maintenance Programme* refers to aircraft inspection requirements, maintenance schedules and unscheduled maintenance.

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### Outcomes and performance criteria

#### Outcome 1

Explain the purpose of and processes involved in a CAA approved Maintenance Programme and the role of the programme in relation to the Exposition.

#### Performance criteria

- 1.1 The contents of a Maintenance Programme are explained in terms of the CAA and the air operation requirements.

#### Outcome 2

Explain inspection requirements in relation to the CAA approved Maintenance Programme.

**Performance criteria**

- 2.1 The procedure for implementing routine maintenance as it relates to inspection is explained.

Range CAA requirements, Scheduled Routine Maintenance and Annual Review of Airworthiness (ARA).

**Outcome 3**

Explain the process of implementing unscheduled maintenance.

**Performance criteria**

- 3.1 The procedure for dealing with unscheduled maintenance is explained in terms of CAA requirements.

- 3.2 The 'Release to Service' action provisions are explained in terms of CAA requirements.

Range requirements include but are not limited to – qualifications of people who can certify work for release to service, certifying requirements, certifying after maintenance.

**Outcome 4**

Explain maintenance records requirements.

**Performance criteria**

- 4.1 The maintenance records that need to be kept are explained in terms of CAA requirements.

- 4.2 The length of time that maintenance records need to be kept is explained in terms of CAA requirements.

**Outcome 5**

Explain the requirements of parts documentation.

**Performance criteria**

- 5.1 The forms that are used in New Zealand to track parts used in the aviation industry are explained in terms of CAA requirements.

- 5.2 The purpose of the parts documentation is explained in terms of their function.

Range documents include – CAA Form One, Form Two and Release Note.

- 5.3 The criteria for acceptable parts are explained in terms of CAA requirements.

<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	19 August 2004	31 December 2016
Rollover and Revision	2	19 November 2010	31 December 2016
Review	3	22 August 2014	31 December 2021
Review	4	26 March 2020	N/A
Rollover and Revision	5	26 April 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0028
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**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.