

Title	Produce a maintenance control system for an aircraft fleet		
Level	5	Credits	25

Purpose	People credited with this unit standard are able to: demonstrate knowledge of the documentation used in maintenance control; and produce current maintenance status and a forecast plan for an aircraft fleet.
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Classification	Aeronautical Engineering > Aeronautical Engineering Planning
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Available grade	Achieved
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Guidance Information

- 1 All tasks must be carried out in accordance with enterprise procedures.
- 2 Definitions
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.
Long range refers to a period in excess of three months.
- 3 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.
- 4 Information relating to CAA Rules can be obtained from the CAA website on <http://www.caa.govt.nz>.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the documentation used in maintenance control.

Performance criteria

- 1.1 The purpose of the aircraft flight manual is described in terms of its relationship to maintenance planning.
- 1.2 The purpose and use of the maintenance logbooks is described in terms of their relationship to maintenance planning.

- 1.3 The purpose and use of the technical log is described in terms of its relationship to maintenance planning.
- 1.4 The purpose and use of parts documentation is described in terms of its relationship to maintenance planning.
- 1.5 The purpose and use of documentation required to demonstrate continued airworthiness is described in terms of its relationship to maintenance planning.

 Range may include but is not limited to – Airworthiness Directives, Civil Aviation Rules mandated inspection items, ground run requirements, flight check requirements, manufacturers’ service bulletins, manufacturers’ service letters, continued airworthiness programmes.
- 1.6 The purpose and use of the operators Operator’s Maintenance Manual is described in terms of its relationship to maintenance planning.

Outcome 2

Produce current maintenance status and a forecast plan for an aircraft fleet.

Performance criteria

- 2.1 The annual review of airworthiness and/or the maintenance review process is described.
- 2.2 Preparation for an inspection of a scheduled maintenance event is completed.
- 2.3 Preparation for an inspection of an unscheduled maintenance event is completed.
- 2.4 The follow-up actions required after an inspection for a scheduled and/or unscheduled maintenance event are outlined.
- 2.5 A long range maintenance forecast plan is produced.

Planned review date	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

Consent and Moderation Requirements (CMR) reference

0028

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 if you wish to suggest changes to the content of this unit standard.