

<b>Title</b>	<b>Define and document the scope and requirements of a planned aircraft maintenance activity</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>45</b>

<b>Purpose</b>	People credited with this unit standard are, for a planned aircraft maintenance activity, able to: define work and human resource requirements; define spares, equipment, and facility requirements; and produce the documentation required.
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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 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.

*Human resource* – the number and type of personnel required completing a task or series of tasks, and the expected time those personnel will be required.
- 3 Maintenance activity may include – routine work, defect rectification, special inspections, component changes, modifications on an aircraft or major component.

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### Outcomes and performance criteria

#### Outcome 1

Define work requirements for a planned aircraft maintenance activity.

#### Performance criteria

- 1.1 Extent of maintenance activity is established from, and consistent with, customer specifications.
- 1.2 Known work content is established in accordance with relevant documentation.
 

Range	maintenance schedules, specifications, logbooks, records, airworthiness authority requirements, technical directives, manufacturer requirements.
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- 1.3 Recommended additional work which will produce maintenance efficiencies and/or cost savings is identified.
- 1.4 Estimated unscheduled work content is established in accordance with scheduled work and type of planned activity.
- Range work arising, rectifications.

## Outcome 2

Define human resource requirements for a planned aircraft maintenance activity.

### Performance criteria

- 2.1 Skill groups are identified in accordance with work requirements for the planned activity.
- 2.2 Human resource requirements are calculated in terms of identified skill groups.
- 2.3 Adjustments that allow for lost time are made to human resource requirements at a rate relevant to the planned activity.
- 2.4 Total human resource requirements are calculated, in accordance with known and estimated work content.

## Outcome 3

Define spares requirements for a planned aircraft maintenance activity.

### Performance criteria

- 3.1 Spares requirements are determined in accordance with known work content of planned activity.
- Range consumables, repairables, rotables.
- 3.2 Spares requirements are estimated and meet estimated unscheduled work content.

## Outcome 4

Define equipment and facility requirements for a planned aircraft maintenance activity.

### Performance criteria

- 4.1 Equipment requirements are established to meet work activities needs.
- Range specialist tooling, specialist docking, specialist lifting, specialist trestling.

4.2 Facility requirements are determined to meet work activities needs.

Range hangar space, workshop space, support areas.

### Outcome 5

Produce the documentation required for a planned aircraft maintenance activity.

### Performance criteria

5.1 Work content and resources required are documented and presented.

Range work scope, pre-maintenance survey.

5.2 Documentation is distributed.

<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	22 August 2014	31 December 2021
Review	5	26 March 2020	N/A
Rollover and Revision	6	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.