

Title	Identify risk in an aviation environment		
Level	5	Credits	15

Purpose	People credited with this unit standard are, in an aviation environment, able to: demonstrate knowledge of the concept of risk; prepare for risk identification; and perform risk identification.
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Classification	Aviation > Aviation - Core
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Available grade	Achieved
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Guidance Information

- 1 Resources may include but are not limited to – Standards Australia/Standards New Zealand. 2009. *AS/NZS ISO 31000:2009 Risk Management – principles and guidelines*. Sydney and Wellington: Standards Australia and Standards New Zealand, and subsequent amendments.
- 2 All references to the CAA refer specifically to the Civil Aviation Authority of New Zealand.
- 3 Industry standards are those set in place by the CAA.
- 4 Industry texts may include but are not limited to – AS/NZS ISO 31000:2009, CAA Rules, CAA Advisory Circulars, operator exposition.
- 5 Definitions
Knowledge refers to the knowledge, understanding, and application of the subject matter.
Risk identification refers to the process of finding, recognising, and describing risks including the identification of risk sources, causes and their potential consequences.
Stakeholders refer to persons or organisations that can affect, be affected by, or perceive themselves to be affected by a decision, activity, or risk.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the concept of risk in an aviation environment.

Performance criteria

- 1.1 Explain risk management terminology and concepts in accordance with industry texts.
- 1.2 The role of risk identification in the risk management process is described in accordance with industry texts.

Outcome 2

Prepare for risk identification in an aviation environment.

Performance criteria

- 2.1 Stakeholders and relevant people are identified and invited to become involved in risk identification in accordance with industry standards and texts.
- Range relevant people may include but are not limited to – subject matter experts, industry leaders, influential members of the industry.
- 2.2 Risk identification tools and methods suitable for the objectives and capabilities of an aviation organisation are selected in accordance with industry standards and texts.
- Range may include but is not limited to – SWOT Analysis, Task Analysis, Risk Dimension analysis, environment scan, historical data analysis.
- 2.3 Sources of risks, areas of impact, events, causes, potential consequences and who has control of the risk are identified in accordance with industry standards and texts using risk identification tools and methods selected in performance criterion 2.2.

Outcome 3

Perform risk identification in an aviation environment.

Performance criteria

- 3.1 Tools and methods to generate a list of risks are used in consultation with stakeholders and relevant people, and in accordance with industry standards and texts.
- Range relevant people may include but are not limited to – subject matter experts, industry leaders, influential members of the industry.

- 3.2 Risk sources, events, risk causes, and their potential consequences, are identified using risk identification tools and methods, and research, in accordance with industry standards and texts.

Range research may include but is not limited to – data or statistical information, information from other business areas, lessons learned from other projects or activities, market research, previous experience, public consultation, review of literature.

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	15 April 2011	31 December 2024
Rollover	2	26 April 2018	31 December 2024
Review	3	29 September 2022	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.