

Title	Demonstrate knowledge of aviation technology		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to demonstrate knowledge of post-crash land and sea survival skills for a pilot.
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Classification	Aviation > Aircraft Operation
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Available grade	Achieved
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Entry information	
Recommended skills and knowledge	Industry requirements are that the candidate must meet the eligibility requirements of the Civil Aviation Act 1990 and the Civil Aviation Rule Part 61 for a private pilot licence.

Explanatory notes

- 1 Definitions, abbreviations, and acronyms used in this unit standard are to be found in:
 - a *Civil Aviation Rules Part 1* on the CAA website at <https://www.caa.govt.nz>, and
 - b *Aeronautical Information Publication (AIP)* published by Aeronautical Information Management (AIM), PO Box 294, Wellington 6140 or on the AIM website at <http://www.aip.net.nz>.
- 2 All references to the CAA refer specifically to the Civil Aviation Authority of New Zealand.
- 3 Industry standards and recommended practices are those set in place by the CAA.
- 4 Industry texts may include but are not limited to – aircraft flight manuals, CAA Rules, CAA Advisory Circulars, operator exposition.
- 5 For the purpose of this unit standard, *knowledge* refers to the knowledge, understanding, and application of the subject matter.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of post-crash land survival skills for a pilot.

Evidence requirements

- 1.1 Actions that maintain the personal safety of crew and passengers, including the injured, and are consistent with preserving life, are described.
- Range includes but is not limited to – positive leadership, will to survive, administration of first aid.
- 1.2 Actions are described that will assist search and rescue services to locate aircraft wreckage and/or lost people.
- Range includes but is not limited to – SARTIME, ELT, signals, positioning.
- 1.3 Survival equipment and its use are described in accordance with industry texts and standards.
- Range includes but is not limited to – first aid kit; survival kit contents; emergency shelters; flight maps; cell phone; water collection, food.

Outcome 2

Demonstrate knowledge of post-crash sea survival skills for a pilot.

Evidence requirements

- 2.1 Actions that maintain the personal safety of crew and passengers, including the injured, and are consistent with preserving life, are described.
- Range includes but is not limited to – positive leadership, will to survive, administration of first aid.
- 2.2 Actions are described that will assist search and rescue to locate aircraft wreckage and/or lost or stranded people.
- Range includes but is not limited to – SARTIME, ELT, signals, last known position.
- 2.3 Survival equipment and its use are described in accordance with industry texts and standards.
- Range includes but is not limited to – rations, inflatable life raft, life jacket, first aid kit, cell phone.

Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 June 2010	31 December 2018
Review	2	20 October 2016	N/A

Consent and Moderation Requirements (CMR) reference	0169
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact ServiceIQ qualifications@serviceiq.org.nz if you wish to suggest changes to the content of this unit standard.