Title	**Maintain helicopter emergency floatation systems**		
Level	**4**	**Credits**	**6**

Purpose	People credited with this unit standard are able to: prepare to maintain emergency floatation systems; locate defects in emergency floatation systems; restore airworthiness of emergency floatation systems; and complete finishing activities related to maintaining emergency floatation systems.

Classification	Aeronautical Engineering > Helicopter Maintenance

Available grade	Achieved

Guidance Information

1 All tasks must be carried out in accordance with enterprise procedures.

2 Definition
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.

Outcomes and performance criteria

Outcome 1

Prepare to maintain emergency floatation systems.

Performance criteria

1.1 Task is determined by reviewing maintenance documentation.

1.2 Work area is prepared, and resources obtained and checked for serviceability or status.

Range may include but is not limited to – publications, tools, equipment, safety equipment, materials.

1.3 Helicopter registration and system to be maintained are matched with documentation.

1.4 Helicopter and system are prepared for the application of power and for system operation.

Range may include but is not limited to – cockpit controls match component positions, clearances, isolation tags, warning signs.

1.5 Ground and/or support equipment is positioned ready for system operation.

Outcome 2

Locate defects in emergency floatation systems.

Performance criteria

2.1 Serviceability is determined.

Range inspect, assess, test.

2.2 Defects are reported and documented.

Outcome 3

Restore airworthiness of emergency floatation systems.

Performance criteria

3.1 Methods of rectifying defects are determined.

3.2 Replacement parts are procured and verified as authentic and serviceable.

Range identify, inspect.

3.3 Defects are rectified.

Range may include but is not limited to – repair, replace, modify, adjust, calibrate, lubricate.

3.4 System is tested to verify serviceability.

3.5 Inspections are obtained.

Range independent, duplicate, progressive.

Outcome 4

Complete finishing activities related to maintaining emergency floatation systems.

Performance criteria

4.1 Completion activities specific to the task and work area are carried out.

Range may include but is not limited to – tool control, cleanliness, tidiness, return of publications, preparation for next activity, return of helicopter and systems to normal.

4.2 Resources are checked for serviceability and returned to service or storage.

Range tools, equipment, safety equipment.

4.3 Leftover items, parts, and materials are disposed of.

Range may include but is not limited to – serviceable, unserviceable, surplus, waste, scrap, hazardous.

4.4 Documentation is completed.

Planned review date	31 December 2027

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 June 2006	31 December 2016
Review	2	18 June 2014	31 December 2021
Review	3	26 March 2020	N/A
Rollover and Revision	4	27 June 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.