Title	**Apply aeronautical engineering knowledge and skills to maintain generic aircraft piston engines**		
Level	**4**	**Credits**	**15**

Purpose	People credited with this unit standard are able to apply aeronautical engineering knowledge and skills to maintain generic aircraft piston engines.

Classification	Aeronautical Engineering > Aeronautical Engineering - Core

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.

3 Assessment of this unit standard is to take place on a system fitted to an aircraft to replicate the interdependence of aircraft systems and on-aircraft safety precautions.

4 This unit standard is designed for assessment in a training environment.

5 The scope of the systems that this standard relates to may include but is not limited to those described in ATA iSpec 2200, chapters 71, 74, 76, and 85.

Outcomes and performance criteria

Outcome 1

Apply aeronautical engineering knowledge and skills to maintain generic aircraft piston engines.

Performance criteria

1.1 Aeronautical engineering safety precautions are applied to the maintenance of generic aircraft piston engines.

1.2 Aeronautical engineering publications are interpreted and applied to the maintenance of generic aircraft piston engines.

1.3 Aeronautical engineering documentation practices are applied to the maintenance of generic aircraft piston engines.

1.4 Aeronautical engineering maintenance practices are applied to the maintenance of generic aircraft piston engines.

1.5 Knowledge of aircraft piston engines is applied to the maintenance of generic aircraft piston engines.

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Status information and last date for assessment for superseded versions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	24 October 2014	31 December 2021
Review	2	26 March 2020	N/A
Rollover and Revision	3	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.