

Title	Rig aircraft flying bracing wires		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: prepare to rig aircraft flying bracing wires; rectify rigging defects; and carry out task completion activities.
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Classification	Aeronautical Engineering > Aircraft Structures
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Available grade	Achieved
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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 rig aircraft flying bracing wires.

Performance criteria

- 1.1 Task is determined by reviewing maintenance documentation and enterprise procedures.
- 1.2 Work area is prepared, and resources are obtained and checked for serviceability or status.
 Range may include but is not limited to – publications, tools, materials, equipment, safety equipment.
- 1.3 Aircraft to be rigged is matched with documentation.
- 1.4 Ground and/or support equipment is positioned around the aircraft.
- 1.5 Aircraft is jugged.

Outcome 2

Rectify rigging defects.

Performance criteria

- 2.1 Serviceability of flying wires is determined.
Range inspect, troubleshoot, assess, test.
- 2.2 Defects are reported and documented.
- 2.3 Methods of rectifying defects are determined.
- 2.4 Replacement parts are procured and verified as authentic and serviceable.
Range identify, inspect.
- 2.5 Defects are rectified.
Range may include but is not limited to – repair, replace, modify, rig, adjust.
- 2.6 Inspections are obtained.

Outcome 3

Carry out task completion activities.

Performance criteria

- 3.1 Completion activities specific to the task and work area are carried out.
Range may include but are not limited to – tool control, cleanliness, tidiness, return of publications, preparation for next activity, return of aircraft and systems to normal.
- 3.2 Leftover items, parts, and materials are disposed of.
Range may include but is not limited to – serviceable, unserviceable, surplus, waste, scrap, hazardous.
- 3.3 Documentation is completed.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 June 1995	31 December 2016
Revision	2	7 August 1997	31 December 2016
Revision	3	8 May 2001	31 December 2016
Review	4	26 March 2007	31 December 2016
Review	5	18 June 2014	31 December 2021
Review	6	26 March 2020	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 ServiceIQ qualifications@serviceiq.org.nz if you wish to suggest changes to the content of this unit standard.