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.

Classification	Aeronautical Engineering > Aircraft Structures

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 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 jigged.

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 is 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 2027

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
Rollover and Revision	7	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.