

1. Title	Aircraft metal structure repair and/or fabrication
2. Code	EMAMWS464A
3. Range	Aircraft metal structure repair and/or modify are usually performed in an aircraft hangar or workshop by using appropriate tools or machines. Aircraft structure refers to - aircraft metal structures such as fuselages, empennages, wings, flight control surfaces, doors and panels.
4. Level	4
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Knowledge      ♦ Understand the knowledge of aircraft metal structure.</p> <p>6.2 Methods and procedures      ♦ Able to review the maintenance documents and procedures to decide on maintenance task.</p> <p style="padding-left: 100px;">♦ Able obtain and check the resources for serviceability or status in accordance with the procedures, e.g. tools, materials, equipment, safety equipment, publications.</p> <p style="padding-left: 100px;">♦ Able to support the structure to maintain alignment in accordance with the procedures.</p> <p style="padding-left: 100px;">♦ Able to disassemble the structure to meet task requirements in accordance with the procedures.</p> <p style="padding-left: 100px;">♦ Able to assess the damage and locate the defects in accordance with the procedures.</p> <p style="padding-left: 100px;">♦ Able to modify and repair the structure in accordance with the procedures.</p> <p style="padding-left: 100px;">♦ Able to maintain the structural alignment during the repair or modification procedure in accordance with the procedures.</p>

	<p>6.3 Professional approach</p> <ul style="list-style-type: none"> <li>◆ Able to rectify the defects resulting from the repair or modification procedure in accordance with the procedures.</li> <li>◆ Able to perform inspections in accordance with the procedures.</li> <li>◆ Able to understand the legislative requirements, aviation authority requirements, manufacturers' publications and the maintenance organizations' approved maintenance practices and requirements in carrying out the task.</li> <li>◆ Able to complete the task within the stipulated duration.</li> <li>◆ Able to complete the task in the work area in accordance with the procedures, e.g. tool control, cleanliness, tidiness, return of publications, preparation for next activity.</li> <li>◆ Able to handle unused items, parts and materials in accordance with the procedures</li> <li>◆ Able to check the resources for serviceability and returned to service or storage in accordance with the procedures, e.g. tools, equipment, safety equipment.</li> <li>◆ Able to complete the documentation in accordance with the procedures.</li> </ul>
<p>7. Assessment Criteria</p>	<p>The integral outcome requirement of this UoC are:</p> <ul style="list-style-type: none"> <li>(i) Able to make preparation for the repair and/or modification of aircraft structure.</li> <li>(ii) Able to repair and/or modify the aircraft structure.</li> <li>(iii) Able to complete all the requirements associated with the task.</li> </ul>
<p>8. Remarks</p>	<p>Ref: NZQA - 4075</p>