

1. Title	Aeronautical sheet metal folding
2. Code	EMAMWS461A
3. Range	Aeronautical sheet metal folding is performed in an aircraft hangar or workshop by using appropriate tools or machinery.
4. Level	4
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Knowledge</p> <ul style="list-style-type: none"> ◆ Understand the characteristics of the sheet metals used in aircrafts. ◆ Understand the operation principles of folding tools, including: <ul style="list-style-type: none"> • folders, bend brakes, bend bars <p>6.2 Methods and procedures</p> <ul style="list-style-type: none"> ◆ Able to review the maintenance documents and procedures to decide on maintenance task. ◆ Able to obtain and check the resources for serviceability or status in accordance with the procedures, e.g. tools, materials, heat treatment state, equipment, safety equipment, publications. ◆ Able to make preparation for the material to meet the task requirements in accordance with the procedures. Including: <ul style="list-style-type: none"> • bend allowance calculation • marking out • cutting • deburring ◆ Able to shape material by folding to meet specifications in accordance with the procedures, e.g. folders, bend brakes, bend bars

	<p>6.3 Professional approach</p> <ul style="list-style-type: none"> ◆ 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. ◆ Able to complete the task within the stipulated duration. ◆ Able to prepare the parts for storage, transit or use in accordance with the procedures. ◆ Able to return the work area in a condition enabling the next task to begin. ◆ Able to check and return the resources for serviceability in accordance with the procedures, e.g. tools, equipment, safety equipment, publications. ◆ Able to handle unused items, parts and materials in accordance with the procedures, e.g. serviceable, unserviceable, surplus, waste, scrap, hazardous. ◆ Able to complete the documentation in accordance with the procedures, including: <ul style="list-style-type: none"> • labels, work cards, work orders, release notes, log books, certification
7. Assessment Criteria	<p>The integral outcome requirement of this UoC is:</p> <p>(i) Able to fold aeronautical sheet metals using folders, bend brakes, and bend bars according to the specify requirements.</p>
8. Remarks	Ref: NZQA - 4072