

1. Title	Aeronautical sheet aluminum alloys slapping and beating
2. Code	EMAMWS305A
3. Range	Sheet aluminum alloys slapping and beating is performed in an aircraft hangar or workshop by using appropriate tools or machinery.
4. Level	3
5. Credit	6
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 operation principles of slapping and beating. ◆ Understand the characteristics of the sheet aluminum alloys used in aircrafts. <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 manufacture form blocks to meet task requirements in accordance with the procedures. ◆ Able to mark out and cut sheet metal to meet specifications in accordance with the procedures ◆ Able to form sheet metal to specifications using forming blocks and slapping and beating. ◆ Able to rectify the non-conformities in accordance with the procedures. ◆ Able to perform inspections in accordance with the procedures ◆ Able to deburr the work piece in accordance to produces

	<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. ◆ 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 shape the aeronautical sheet aluminum alloys by slapping and beating according to the specified requirements.</p>
8. Remarks	Ref: NZQA - 4068