

1. Title	Aircraft lifting and lowering	
2. Code	EMAMAG309A	
3. Range	Aircraft lifting and lowering is usually carried out in an aircraft hangar.	
4. Level	3	
5. Credit	2	
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Preparation</p> <ul style="list-style-type: none"> <li>◆ Able to determine the lifting and lowering tasks by reviewing servicing documentation.</li> <li>◆ Able to obtain and check the equipment for serviceability or status in accordance with the procedures, e.g. tools, jacks, slings, hoists, cradles, inflation bags.</li> <li>◆ Able to prepare the aircraft for lifting and lowering in accordance with the procedures, e.g. structural panels fitted, centre of gravity position noted, fuel load, weight configuration, position aircraft and equipment on lifting area.</li> <li>◆ Able to assess and prepare the lifting area in accordance with the procedures, e.g. wind, ground level and firm, obstructions removed.</li> <li>◆ Able to make preparation for the equipment in accordance with the procedures, e.g. jacks, hoists.</li> </ul> <p>6.2 Methods and procedures</p> <ul style="list-style-type: none"> <li>◆ Able to lift the aircraft in accordance with the procedures.</li> <li>◆ Able to lower the aircraft in accordance with the procedures</li> </ul>	

	<p>6.3 Professional approach</p> <ul style="list-style-type: none"> <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 prepare the aircraft for next maintenance task or for flight operations 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.</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 lifting and lowering of an aircraft.</li> <li>(ii) Able to lift and lower an aircraft.</li> <li>(iii) Able to complete all the requirements associated with the lifting and lowering tasks.</li> </ul>
<p>8. Remarks</p>	<p>Ref: NZQA - 20631</p>