

1. Title	Inflatable aeronautical safety equipment maintenance
2. Code	EMAMWS423A
3. Range	Inflatable aeronautical safety equipment maintenance activity is usually carried out in a specialist bay or workshop,e.g. life jackets, escape slides, life rafts, associated components
4. Level	4
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Working principle</p> <ul style="list-style-type: none"> <li>◆ Understand the working principles for the inflatable aeronautical safety equipment.</li> </ul> <p>6.2 Maintenance methods and procedures</p> <ul style="list-style-type: none"> <li>◆ Able to review the maintenance documents and procedures to decide on maintenance task.</li> <li>◆ Able to match the equipment identity with documentation.</li> <li>◆ Able to prepare the work area, obtain and check the resources for serviceability in accordance with the procedures,e.g. publications, materials, tools, equipment, safety equipment.</li> <li>◆ Able to prepare the item for maintenance in accordance with the procedures,e.g. unpack, safety locking pins fitted and removed.</li> <li>◆ Able to determine the equipment serviceability in accordance with the procedures.</li> <li>◆ Able to report and record the non-conformities found in accordance with the procedures.</li> <li>◆ Able to determine the method of rectifying non-conformity in accordance with the procedures.</li> </ul>

6.3 Professional approach

- ◆ Able to procure the replacement parts and verify their authenticity and serviceability in accordance with the procedures, e.g. identify, inspect.
- ◆ Able to rectify the equipment non-conformities in accordance with the procedures, e.g. repair, replace, modify, adjust, lubricate.
- ◆ Able to test the equipment to verify their serviceability in accordance with the procedures, e.g. functionally test, document adjustments and performance.
- ◆ Able to pack the equipment in accordance with the procedures.
- ◆ Able to perform inspections in accordance with the procedures, e.g. independent, duplicate, progressive.
- ◆ 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 equipment for use, storage, or transit in accordance with the procedures, e.g. locking, packing, shelf-life requirement

	<ul style="list-style-type: none"> <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 check the resources for serviceability and return them 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> <li>◆ Able to handle the unused parts and materials in accordance with the procedures, e.g. serviceable, unserviceable, surplus, waste, scrap, hazardous.</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 maintenance of inflatable aeronautical safety equipment.</li> <li>(ii) Able to locate the non-conformities.</li> <li>(iii) Able to restore the equipment airworthiness.</li> <li>(iv) Able to complete all the requirements associated with the maintenance task.</li> </ul>
<p>8. Remarks</p>	<p>(Ref: HKAR-66 Module 11.7, 12.9 &amp; 13.6)</p> <p>The Credit in this UoC is on the assumption of the person already possessed basic knowledge in the manipulation of common tools.</p> <p>Ref: NZQA - 4005</p>