

1. Title	Maintenance tasks planning and scheduling
2. Code	EMAMCM501A
3. Range	Maintenance schedules for aircraft maintenance tasks should be planned and scheduled to yield the optimal outcome between idling and safety of the aircraft.
4. Level	5
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Factors affecting schedule of maintenance tasks</p> <ul style="list-style-type: none"> <li>◆ Understand the factors affecting the schedule of maintenance tasks : <ul style="list-style-type: none"> <li>• maintenance procedures</li> <li>• scope of work</li> <li>• the role of human factors</li> <li>• limitation of resources</li> <li>• quality assurance of tasks</li> </ul> </li> </ul> <p>6.2 Planning and scheduling methods</p> <ul style="list-style-type: none"> <li>◆ Able to schedule the required engineering work by evaluating the requirements of tasks and constraints of available resources in accordance with the procedures <ul style="list-style-type: none"> <li>• set up guidelines to manage human errors</li> <li>• plan and prepare for ad-hoc tasks</li> </ul> </li> </ul> <p>6.3 Professional approach</p> <ul style="list-style-type: none"> <li>◆ Able to take into account the requirements set out by aviation legislation that can affect the maintenance tasks.</li> </ul>
7. Assessment Criteria	<p>The integral outcome requirements of this UoC are:</p> <p>(i) Able to plan and schedule the maintenance tasks effectively, with optimization of available resources.</p> <p>(ii) Able to describe and quote examples to illustrate the principles and techniques in scheduling maintenance tasks.</p> <p>(iii) Able to prepare reports for different maintenance plans and schedules.</p>

8. Remarks	<p>(Ref: HKAR-66 Module 7.20, 9 &amp; 10)</p> <p>The Credit in this UoC is on the assumption of the person already possessed profound knowledge in the operation of aircraft maintenance and tasks scheduling.</p>
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