

1. Title	Long-term maintenance forecast planning for an aircraft fleet and major aircraft components
2. Code	EMAMMG601A
3. Range	The range applicable to all elements of this UoC covers long-term maintenance plans for an aircraft fleet, individual aircraft, and major components such as engines and propellers. Long-term – in excess of three months.
4. Level	6
5. Credit	40
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Knowledge ♦ Understand the process and procedures of long-term maintenance planning.</p> <p>6.2 Methods and procedures ♦ Able to establish maintenance requirements for the long-term maintenance of an aircraft fleet and major components.</p> <ul style="list-style-type: none"> • Future maintenance requirements are identified from, and are consistent with, the approved maintenance programme. • Present maintenance status is established from, and is consistent with, maintenance records. • Special requirements that may affect future maintenance programmes are identified. <ul style="list-style-type: none"> ▸ Range ageing aircraft, airworthiness authority requirements, modifications, structural inspection programmes, special maintenance requirements.

	<ul style="list-style-type: none"> ◆ Able to produce maintenance forecast plan. <ul style="list-style-type: none"> • Future fleet and/or aircraft utilization is consistent with operator supplied data. • Calculated expiry of future maintenance requirements is within the parameters of the maintenance philosophy being applied and consistent with utilization. <ul style="list-style-type: none"> ▸ Range block maintenance, equalized maintenance, phase maintenance. • Maintenance activities are scheduled within the limits of available capacity and estimated expiry dates. • A maintenance forecast plan is produced in accordance with enterprise procedures. ◆ Able to update maintenance forecast plan. <ul style="list-style-type: none"> • Factors and/or circumstances which may impact on the maintenance forecast plan are identified. • Changes made to the maintenance forecast plan reflect altered circumstances. • Maintenance forecast plan is amended in accordance with enterprise procedures. <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 carry out the task in accordance with enterprise procedures, the enterprise being the organization carrying out the work. Enterprise procedures referred to in this unit standard are the applicable procedures found in the following: <ul style="list-style-type: none"> • enterprise exposition;
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	<ul style="list-style-type: none"> • manufacturer publications; • Government and local body legislation; • airworthiness authority requirements.
7. Assessment Criteria	<p>The integral outcome requirement of this UoC are:</p> <p>(i) Able to establish maintenance requirements;</p> <p>(ii) Able to produce and update maintenance forecast plans for the long-term maintenance of an aircraft fleet and major aircraft components.</p>
8. Remarks	Ref: NZQA - 10803