

1. Title	Aircraft fiber optic conductors and harness assemblies Repair and/or fabrication
2. Code	EMAMAV432A
3. Range	Aircraft fiber optic conductors and harness assemblies repair and/or fabricate activity is usually carried out in a specialist bay or workshop on components that have been removed from the aircraft.
4. Level	4
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Working principles</p> <ul style="list-style-type: none"> ◆ Understand the working principles for the aircraft fiber optic conductors and harness assemblies. <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 obtain the resources check them for serviceability or status in accordance with the procedures,e.g. tools, materials, equipment, safety equipment, publications. ◆ Able to repair and/or fabricate Conductors and harness assemblies are in accordance with the procedures,e.g. conductor preparation, conductor marking and labeling, crimping, potting, lacing, plugs and connectors removed and fitted ◆ Able to confirm the component identification is matched to the documentation in accordance with the 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 complete the task within the stipulated duration. ◆ Able to rectify the non-conformities in accordance with the procedures. ◆ Able to complete the documentation in accordance with the procedures, e.g. labels, work cards, release notes, log books, certification.
<p>7. Assessment Criteria</p>	<p>The integral outcome requirement of this UoC is:</p> <p>(i) Able to repair and/or fabricate the aircraft fiber optic conductors and harness assemblies.</p>
<p>8. Remarks</p>	<p>Ref: NZQA - 22577</p>