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| 1. Title | Aircrew flying clothing and associated equipment maintenance and/or repair |
| 2. Code | EMAMWS422A |
| 3. Range | Aircraft flying clothing and associated equipment maintaining and repair activity is usually carried out in a specialist bay or workshop, e.g. flying overalls, helmets, oxygen masks |
| 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"> ◆ Understand the working principles for the aircraft flying clothing and associated equipment. <p>6.2 Repair and maintenance methods and procedures</p> <ul style="list-style-type: none"> ◆ Able to review the maintenance documents and procedures to decide on maintenance task, e.g. confirm fault, repair, maintain, modify ◆ Able to confirm the item identity with documentation by comparing serial and part numbers. ◆ 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. ◆ Able to prepare the item for maintenance and/or repair in accordance with the procedures, e.g. clean, inspect, assess economics of carrying out maintenance or repair. |

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| | <ul style="list-style-type: none">◆ Able to determine and document the next task in accordance with the procedures, e.g. locate non-conformities, repair, maintain, test, adjust, complete the task.◆ Able to locate the non-conformities using troubleshooting techniques appropriate to the non-conformity indications in accordance with the procedures.◆ Able to report and record the located non-conformities in accordance with the procedures.◆ Able to disassemble the item in accordance with the procedures, e.g. clean, label, preserve, segregate.◆ Able to determine and record the rectification action in accordance with the procedures.◆ Able to assemble the item in accordance with the procedures.◆ Able to report and record the non-conformities found during disassembly in accordance with the procedures, e.g. inspection includes - use standards, specifications, precision measuring equipment.◆ 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 non-conformities in accordance with the procedures, e.g. repair, replace, modify, adjust. |
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| | <ul style="list-style-type: none"> ◆ Able to perform the inspections in accordance with the procedures,e.g. independent, duplicate, progressive. ◆ Able to prepare the item for testing in accordance with the procedures. ◆ Able to test and adjust the item in accordance with the procedures,e.g. troubleshoot, functionally test, calibrate, adjust, document adjustments and performance. ◆ Able to perform inspections after test in accordance with the procedures,e.g. independent, duplicate, progressive. <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 prepare the item for use, storage, or transit in accordance with the procedures,e.g. locking, packing, shelf-life requirement ◆ 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. |
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| | <ul style="list-style-type: none"> ◆ 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. ◆ Able to handle the unused parts and materials in accordance with the procedures, e.g. serviceable, unserviceable, surplus, waste, scrap, hazardous. ◆ Able to complete the documentation in accordance with the procedures. |
| 7. Assessment Criteria | <p>The integral outcome requirement of this UoC are:</p> <ul style="list-style-type: none"> (i) Able to make preparation for the maintenance and/or repair of aircrew flying clothing and associated equipment. (ii) Able to locate the non-conformities. (iii) Able to maintain and/or repair the item. (iv) Able to test and adjust the item. (v) Able to complete all the requirements associated with the maintenance and/or repair task. |
| 8. Remarks | <p>(Ref: HKAR-66 Module 11.7, 12.9 & 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 - 4004</p> |