

1. Title	Aircraft gas turbine engines gas path cleaning
2. Code	EMAMAG312A
3. Range	Gas path of aircraft gas turbine engines cleaning is usually carried out in an aircraft hangar. Foreign objects (FOD) stand for anything that can find its way into an aircraft engine or flight control mechanisms that could possibly cause damage to aircraft, equipment or people
4. Level	3
5. Credit	2
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Methods and procedures</p> <ul style="list-style-type: none"> ◆ Able to identify the aircraft engine to be cleaned is matched with the aircraft registration and documentation. ◆ Able to obtain and check the resources for serviceability and status in accordance with the procedures, e.g. tools, publications, cleaning materials, cleaning equipment, safety equipment and clothing. ◆ Able to make preparation for the engine for cleaning in accordance with the procedures, e.g. suitable location, configuration, protective blanks, protective covers. ◆ Able to make preparation for the equipment in accordance with the procedures, to enable cleaning task to be carried out. ◆ Able to clean the engine using an abrasive medium or by washing in accordance with the procedures, e.g. suitable location, engine motored over, cleaning medium applied, engine shut down.

	<p>6.2 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 carry out post-cleaning engine inspection in accordance with the procedures. ◆ Able to arrange post-cleaning engine run in accordance with the procedures, e.g. approved ground run area, area cleared of foreign objects, approved ground run personnel. ◆ Able to check and return the tools, materials, equipment, and publications to service or storage and/or disposed of in accordance with the procedures. ◆ Able to make preparation for the work and aircraft area, to enable next task to begin in accordance with the procedures. ◆ Able to complete the documentation in accordance with the procedures.
<p>7. Assessment Criteria</p>	<p>The integral outcome requirement of this UoC are:</p> <ul style="list-style-type: none"> (i) Able to make preparation for the cleaning of the aircraft gas turbine engines. (ii) Able to clean the gas path of the aircraft gas turbine engines. (iii) Able to complete all the requirements associated with the cleaning tasks.
<p>8. Remarks</p>	<p>Ref: NZQA - 3902</p>