

1. Title	Aircraft gaseous oxygen systems replenishment
2. Code	EMAMAG321A
3. Range	Replenish aircraft gaseous oxygen system is usually carried out in an aircraft ramp during the aircraft non-flight time.
4. Level	3
5. Credit	2
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Preparation</p> <ul style="list-style-type: none"> ◆ Able to review the maintenance documents and procedures to decide on maintenance task. ◆ Able to obtain and check the resources for serviceability or status in accordance with the procedures,e.g. tools, replenishment equipment and medium, safety equipment, publications. ◆ Able to confirm the system to be replenished is matched with the aircraft registration and documentation. ◆ Able to check the suitability of environmental conditions to carry out the replenishment task in accordance with the procedures,e.g. precipitation, lightning, airborne debris.

	<p data-bbox="371 1160 646 1245">6.2 Methods and procedures</p> <ul data-bbox="735 241 1484 1778" style="list-style-type: none"><li data-bbox="735 241 1484 645">◆ Able to prepare the aircraft, system and area for replenishment in accordance with the procedures,e.g. aircraft positioned, clearances obtained, isolation tags fitted, warning signs positioned, ground equipment and safety equipment positioned, ignition sources eliminated, equipment bonded and/or earthed, non-essential systems switched off.<li data-bbox="735 667 1484 1122">◆ Able to prepare the aircraft and system for the application or removal of power and for system operation in accordance with the procedures,e.g. aircraft positioned, clearances obtained, isolation tags fitted, warning signs positioned, ground equipment and safety equipment positioned, ignition sources eliminated, equipment bonded and/or earthed, non-essential systems switched off.<li data-bbox="735 1160 1484 1245">◆ Able to replenish the system in accordance with the procedures.<li data-bbox="735 1267 1484 1458">◆ Able to confirm the replenishment medium, container and equipment are matched with system to be replenished in accordance with enterprise procedures.<li data-bbox="735 1480 1484 1565">◆ Able to replenish the system in accordance with enterprise procedures.<li data-bbox="735 1588 1484 1778">◆ Able to take initial action in event of abnormal situations in accordance with the procedures,e.g. fire, leakage, contamination of equipment.
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	<p>6.3 Professional approach</p> <ul style="list-style-type: none"> ◆ Able to complete the task within the stipulated duration. ◆ Able to follow instruction manuals to replenish the oxygen supply systems. ◆ 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 in the work area in accordance with the procedures, e.g. tool control, cleanliness, tidiness, return of publications, preparation for next activity. ◆ Able to check the resources for serviceability and return the resources to service or storage in accordance with the procedures, e.g. tools, equipment, safety equipment. ◆ Able to handle the unused materials in accordance with the procedures, e.g. serviceable, unserviceable, surplus, waste, scrap, hazardous. ◆ Able to report and record the non-conformities. ◆ Able to complete the documentation in accordance with the procedures
7. Assessment Criteria	<p>The integral outcome requirements of this UoC are:</p> <ul style="list-style-type: none"> (i) Able to make preparation for the replenishment of aircraft gaseous oxygen system. (ii) Able to replenish the aircraft gaseous oxygen system. (iii) Able to complete all the requirements associated with the replenishment task.
8. Remarks	Ref: NZQA - 3914