

1. Title	Aircraft hydraulic systems replenishment
2. Code	EMAMAG318A
3. Range	Aircraft hydraulic systems replenishment is usually carried out on the aircraft in the hangar.
4. Level	3
5. Credit	2
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Knowledge      ♦ Understand the operation principles of aircraft hydraulic systems.</p> <p>6.2 Methods and procedures      ♦ Able to review the maintenance documents and procedures to decide on maintenance task.</p> <p style="padding-left: 150px;">♦ Able to obtain and check the resources for serviceability or status in accordance with the procedures, e.g. tools, equipment, safety equipment, publications, materials.</p> <p style="padding-left: 150px;">♦ Able to confirm the system to be replenished is matched with the aircraft registration and documentation.</p> <p style="padding-left: 150px;">♦ Able to check the suitability of environmental conditions to carry out the replenishment task in accordance with the procedures, e.g. precipitation, airborne debris or dust.</p> <p style="padding-left: 150px;">♦ Able to confirm the replenishment medium, container and equipment are matched with system to be replenished in accordance with the procedures.</p>

6.3 Professional approach

- ◆ Able to replenish the system in accordance with the procedures, e.g. fuel quality checked, bonding attached, refueling equipment connected, distribution sequence and quantity monitored and controlled.
- ◆ Able to take action in an abnormal situation in accordance with the procedures, e.g. spillage, personal contamination by replenishment medium.
- ◆ Able to report and record non-conformities in accordance with the procedures.
- ◆ 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 complete the documentation in accordance with the procedures.
- ◆ 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 and return the resources for serviceability in accordance with the procedures, e.g. tools, equipment, safety equipment.

	<p>◆ Able to handle unused materials in accordance with the procedures. Range serviceable, unserviceable, surplus, waste, scrap, hazardous.</p>
7. Assessment Criteria	<p>The integral outcome requirement of this UoC are:</p> <ul style="list-style-type: none"> <li>(i) Able to make preparation for the replenishment of the aircraft hydraulic system.</li> <li>(ii) Able to replenish the hydraulic system.</li> <li>(iii) Able to complete all the requirements associated with the replenishment task.</li> </ul>
8. Remarks	Ref: NZQA – 3911