

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"> (i) Able to make preparation for the replenishment of the aircraft hydraulic system. (ii) Able to replenish the hydraulic system. (iii) Able to complete all the requirements associated with the replenishment task.
8. Remarks	Ref: NZQA – 3911