

1. Title	Fixed wing aircraft service
2. Code	EMAMAG314A
3. Range	<p>The fixed wing aircraft service activity is usually carried out in an aircraft hangar.</p> <p>Service of fixed wing aircraft may include: pre and post flight checks, daily checks, visual inspections, component lubrication, snow and ice removal, cleaning windows, inflating and deflating tyres, connecting and disconnecting ground services, and preventing foreign object damage. Servicing tasks are normally carried out on the ramp, flight line or airfield.</p>
4. Level	3
5. Credit	4
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 determine the servicing tasks by reviewing aircraft servicing documentation. ◆ Able to obtain and check the resources for serviceability or status in accordance with the procedures, e.g. tools, materials, equipment, publications. ◆ Able to identify the aircraft to be serviced is matched with the aircraft registration and servicing documentation. <p>6.2 Methods and procedures</p> <ul style="list-style-type: none"> ◆ Able to apply and/or remove the ground supply services in accordance with the procedures.

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| | <ul style="list-style-type: none">◆ Able to prepare the aircraft for servicing in accordance with the procedures, e.g. doors and panels are opened or closed. blanks, locks, chocks and covers are removed, stowed and/or fitted. bonding and/or earthing leads are fitted. isolation tags are fitted, positioned, connected and/or disconnected. warning signs positioned.◆ Able to inspect the aircraft for obvious signs of damage, wear and non-conformities in accordance with procedures.
Range airframe, cabin, flight deck, powerplant, antennae, flight controls, cargo compartment, landing gear, wheels and brakes, corrosive material spillage.◆ Able to prepare the aircraft for flight, e.g. components lubricated, magnetic inspection plugs checked, windows cleaned, tyres inflated or deflated, ground services are connected and disconnected, foreign objects removed from aircraft and ground area, required onboard aircraft documentation checked.◆ Able to identify, locate and report the non-conformities in accordance with the procedures.◆ Able to check and replenish the system and component fluid levels. |
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	<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 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 tools and equipment for damage and/or wear and return them to storage area in accordance with the procedures. ◆ Able to handle the surplus parts and materials in accordance with the procedures, e.g. serviceable, unserviceable, used, and hazardous. ◆ Able to complete the servicing 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 servicing of fixed wing aircraft. (ii) Able to service the fixed wing aircraft. (iii) Able to complete all the requirements associated with the servicing tasks.
<p>8. Remarks</p>	<p>Ref: NZQA - 3906</p>