

1. Title	Aeronautical rotating assembly balance	
2. Code	EMAMWS301A	
3. Range	The aeronautical rotating assembly balancing is usually carried out in an aircraft hangar,e.g. armatures, compressors, turbine assemblies	
4. Level	3	
5. Credit	4	
6. Competency	<u>Performance Requirement</u>	
	6.1 Preparation	<ul style="list-style-type: none"> ◆ Able to review the maintenance documents and procedures to decide on maintenance task,e.g. static balance, dynamic balance. ◆ Able to confirm the component identity with documentation by comparing serial and part numbers. ◆ Able to make preparation for the work area and obtain and check the resources in accordance with the procedures,e.g. publications, materials, tools, equipment, safety equipment, environmental conditions established. ◆ Able to prepare the component for balancing in accordance with the procedures,e.g. clean, inspect, install on balancer.
	6.2 Methods and procedures	<ul style="list-style-type: none"> ◆ Able to set the balancer to reference in accordance with the procedures. ◆ Able to operate the balancer in accordance with the procedures. ◆ Able to interpret the readings in accordance with the procedures. ◆ Able to adjust the weights to rectify out of

	<ul style="list-style-type: none">◆ balance condition in accordance with the procedures,e.g. add, remove, redistribute.◆ Able to perform inspections in accordance with the procedures. <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 prepare the component for use, storage or transit in accordance with the procedures,e.g. locking, inhibiting, blanking, packing.◆ Able to complete the documentation in accordance with the procedures◆ Able to check the resources for serviceability and return them to service or storage in accordance with the procedures,e.g. tools, equipment, safety equipment, publications.◆ Able to handle the unused parts and materials in accordance with the procedures,e.g. serviceable, unserviceable, surplus, waste, scrap, hazardous.
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7. Assessment Criteria	The integral outcome requirement of this UoC are: (i) Able to make preparation for the balancing of aeronautical rotating assemblies. (ii) Able to balance the components. (iii) Able to complete all the requirements associated with the balancing task.
8. Remarks	Ref: NZQA - 3402