

SKILLS FRAMEWORK FOR AEROSPACE				
SKILLS MAP - Trainee Aircraft Maintenance Technician				
Sector	Aerospace			
Track	Aircraft Maintenance			
Occupation	Trainee Technician			
Job Role	Trainee Aircraft Maintenance Technician			
Job Role Description	<p>The Trainee Aircraft Maintenance Technician performs aircraft maintenance tasks under supervision and in accordance with relevant technical manuals. He/She assists in troubleshooting of aircraft equipment, structures and systems, and reinstates the work area as per the organisation's housekeeping standards.</p> <p>He is expected to adhere to the organisation's standard operating procedures (SOPs), and safety, health and quality systems. He supports in implementation of continuous improvement initiatives in the workplace.</p> <p>He is expected to qualify relevant knowledge and practical tests and present himself for evaluation by appointed interviewers for confirmation as a Technician. He works in a hangar or workshop and may be required to work in shifts. He should be comfortable with operating machinery and exposure to physically demanding work conditions.</p>			
Critical Work Functions and Key Tasks / Performance Expectations	Critical Work Functions	Key Tasks	Performance Expectations (For legislated / regulated occupations)*	
	Conduct aircraft maintenance, repair and overhaul (MRO)	Carry out aircraft MRO tasks under supervision and in accordance with technical specifications	<ul style="list-style-type: none"> In accordance with: <ul style="list-style-type: none"> International Civil Aviation Organisation (ICAO) legislation Air Navigation Order (ANO) Singapore Airworthiness Requirements (SAR) Workplace Safety and Health (WSH) Act Environmental standards Aerospace quality management system standards *Performance Expectations are non-exhaustive and subject to prevailing regulations 	
		Use hand tools under supervision to perform work requirements		
		Assist in troubleshooting of aircraft equipment, structures and systems		
		Reinstate work area in accordance with organisational housekeeping requirements		
	Conform to management system requirements	Follow standard operating procedures (SOPs) in performing assigned tasks		
		Comply with legislative requirements and airworthiness standards		
		Conform to environment, safety and health systems, policies and procedures		
		Apply organisational quality and risk management systems		
	Contribute to continuous improvement	Support implementation of continuous improvement initiatives		
Keep records of data for operational analytics				
Skills & Competencies	Technical Skills and Competencies		Generic Skills and Competencies	
	Aerospace Maintenance Practices Application	Level 2	Problem Solving	Basic
	Aviation Legislation Compliance	Level 1	Communication	Basic
	Continuous Process Improvement	Level 1	Service Orientation	Basic
	Engineering Drawing Interpretation and Management	Level 1	Teamwork	Basic
	Human Factors Application and Error Management	Level 2	Lifelong Learning	Basic
		Level 1		
	Lean Manufacturing	Level 2		
	Mathematical Concepts Application	Level 2		
	Physics Concepts Application	Level 2		
	Quality System Management	Level 2		
	Workplace Safety and Health Framework Development and Implementation	Level 1		
	Workshop Practices Application	Level 1		
Programme Listing	For a list of training programmes available for the Aerospace sector, please visit < https://www.skillsfuture.sg/skills-framework/aero >			

The information contained in this document serves as a guide.