

SKILLS FRAMEWORK FOR AEROSPACE						
SKILLS MAP - Planning Manager (Aircraft Engine / Component Maintenance)						
Sector	Aerospace					
Track	Aircraft Engine / Component Maintenance					
Occupation	Production Planning Manager					
Job Role	Planning Manager (Aircraft Engine / Component Maintenance)					
Job Role Description	<p>The Planning Manager (Aircraft Engine / Component Maintenance) is responsible for strategising long-term supply chain management plans, optimising aircraft engine and component maintenance planning and resource management, and driving supplier capability and performance enhancement programmes. He/She develops vendor management strategies and leads technology application to strengthen sourcing, inventory and warehousing operations. He provides project management oversight for engine servicing operations and manages technical and programme reviews with customers and suppliers.</p> <p>He manages compliance with airworthiness and legislative requirements, and contributes to development of the organisation's standard operating procedures (SOPs), management systems, lean and sustainability practices, and data analytics plans for strategic decision-making. He drives team performance to achieve business key performance indicators (KPIs) and leads talent recruitment and development plans.</p> <p>He should demonstrate strong leadership capabilities, strategic thinking and foresight, and collaborate cross-functionally to ensure smooth operations and achieve desired organisational outcomes. He should be able to consider a broad range of factors to arrive at optimal decisions to ensure business continuity especially during unforeseen delays in maintenance processes.</p>					
Critical Work Functions and Key Tasks / Performance Expectations	Critical Work Functions	Key Tasks	Performance Expectations (For legislated / regulated occupations)*			
	Manage engine and component maintenance programmes	Optimise engine and component maintenance plans to fulfil customer and business requirements in collaboration with operations and engineering	In accordance with: <ul style="list-style-type: none"> <li>International Civil Aviation Organisation (ICAO) legislation</li> <li>Air Navigation Order (ANO)</li> <li>Singapore Airworthiness Requirements (SAR)</li> <li>Workplace Safety and Health (WSH) Act</li> <li>Environmental standards</li> <li>Aerospace quality management system standards</li> </ul> *Performance Expectations are non-exhaustive and subject to prevailing regulations			
		Optimise resource planning and utilisation for engine and component maintenance functions				
		Provide project management oversight for engine and component servicing operations				
		Manage technical and programme reviews with customers and suppliers				
	Manage supply chain and logistics	Develop sourcing and vendor management strategies				
		Strategise long-term supply chain plans in collaboration with customers, workshops and engineering teams				
		Evaluate warehouse operations and inventory performance to drive cost and efficiency optimisations				
		Lead technology application to strengthen supply chain management				
	Conform to management system requirements	Establish new and revised standard operating procedures (SOPs) for planning operations				
		Manage compliance with legislative requirements and airworthiness standards				
		Enhance environment, safety and health systems, policies and procedures				
		Review organisational quality and risk management systems for improvements				
	Contribute to continuous improvement	Develop sustainability practices for engine and component maintenance				
		Lead cross-functional teams in continuous improvement projects				
		Develop lean practices for engine and component maintenance				
		Lead research on market trends and technology applications to drive innovation				
	Manage people and organisational development	Develop data analytics plans for strategic decision-making				
		Implement functional plans to achieve business goals				
		Manage adherence to operating budgets for engine and component maintenance				
Collaborate with internal and external stakeholders to ensure smooth business operations						
	Manage staff performance to achieve business key performance indicators (KPIs)	<b>Technical Skills and Competencies</b>	<b>Generic Skills and Competencies</b>			
	Lead implementation of talent recruitment and development plans					
	Applied Research and Development Management			Level 4	Leadership	Advanced
	Artificial Intelligence Application			Level 4	Service Orientation	Advanced
	Asset Management			Level 4	Problem Solving	Advanced
	Aviation Legislation Compliance			Level 4	Decision Making	Advanced
	Big Data Analytics			Level 4	Communication	Advanced
	Budgeting			Level 4		
Business Continuity Planning	Level 4					
Business Negotiation	Level 5					

<b>Skills &amp; Competencies</b>	Business Opportunities Development	Level 4		
	Business Performance Management	Level 4		
	Carbon Footprint Management	Level 5		
	Change Management	Level 4		
	Condition-based Assets Monitoring Management	Level 5		
	Continuous Process Improvement	Level 4		
	Contract Development and Management	Level 4		
	Enterprise Database System Administration	Level 4		
	Applied Research and Development Management	Level 4		
	Human Factors Application and Error Management	Level 3		
	Innovation Management	Level 4		
	Internet of Things Implementation	Level 4		
	Knowledge Management	Level 4		
	Lean Manufacturing	Level 4		
	Maintenance Coordination	Level 5		
	Production Planning	Level 4		
	Project Management	Level 4		
	Quality System Management	Level 4		
	Risk Compliance and Governance	Level 4		
	Robotics and Automation Application	Level 4		
	Stakeholder Management	Level 4		
	Strategy Planning	Level 4		
	Supplier Management and Capability Development	Level 4		
	Supply Chain Solutioning	Level 4		
Warehouse Inventory Control and Audit	Level 5			
Workplace Safety and Health Framework Development and Implementation	Level 4			
<b>Programme Listing</b>	For a list of training programmes available for the Aerospace sector, please visit < <a href="https://www.skillsfuture.sg/skills-framework/aero">https://www.skillsfuture.sg/skills-framework/aero</a> >			

The information contained in this