

SKILLS FRAMEWORK FOR AEROSPACE			
SKILLS MAP - Programme Director			
Sector	Aerospace		
Track	Fleet Management		
Occupation	Operations Manager		
Job Role	Programme Director		
Job Role Description	<p>The Programme Director is responsible for establishing strategies for aircraft lifecycle management, fleet enhancement, asset management, and reliable maintenance programmes to enhance fleet performance and profitability. He/She guides the resolution of complex engineering problems and drives regular review meetings with stakeholders to drive conformance of aircraft maintenance works to stakeholder requirements and airworthiness standards.</p> <p>He develops fleet management plans in alignment with business strategies and goals, establishes the operating budget and capital investment plans, and establishes key performance indicators (KPIs) to meet business goals. He drives talent recruitment and management for the organisation. He promotes compliance with airworthiness and legislative requirements, while endorsing the organisation's standard operating procedures (SOPs), safety, health, risk and quality systems. He champions the concept of a lean enterprise and sustainability practices. He also strategises continuous improvement projects, data analytics and digital innovation initiatives to enhance business competitiveness.</p> <p>He is a key organisational expert who advises senior executive management and stakeholders on all strategic, engineering and operational matters. He should demonstrate strategic thinking, foresight and leadership capabilities, and manage relationships with internal and external stakeholders to achieve desired organisational outcomes.</p>		
Critical Work Functions and Key Tasks / Performance Expectations	Critical Work Functions	Key Tasks	Performance Expectations (For legislated / regulated occupations)*
	Manage aircraft fleet services	Optimise aircraft lifecycle management programmes to enhance fleet performance and profitability	In accordance with: <ul style="list-style-type: none"> International Civil Aviation Organisation (ICAO) legislation Air Navigation Order (ANO) Singapore Airworthiness Requirements (SAR) Relevant foreign aviation legislations Workplace Safety and Health (WSH) Act Environmental standards Aerospace quality management system standards ISO, AN, MS, NAS and MIL standards Air Transport Association of America (ATA) standards Special process standards *Performance Expectations are non-exhaustive and subject to prevailing regulations
		Guide strategies for effective resource planning and utilisation	
		Establish fleet enhancement and service strategies	
		Lead aviation asset management strategy and planning	
		Drive technical and programme reviews with customers and suppliers	
	Coordinate aircraft, engine and component maintenance	Strategise reliable maintenance programmes for aircraft fleet	
		Approve maintenance plans to ensure fulfilment of customer requirements and organisation's strategic goals	
		Endorse maintenance works for conformance to original equipment manufacturers (OEM), customer and regulatory requirements	
		Guide the resolution of complex engineering problems	
	Conform to management system requirements	Approve standard operating procedures (SOPs) for fleet management operations	
		Drive compliance of maintenance operations with legislative requirements and airworthiness standards	
		Endorse environment, safety and health systems, policies and procedures	
		Evaluate the effectiveness of organisational quality and risk management systems	
		Endorse sustainability practices for fleet management	
	Contribute to continuous improvement	Strategise continuous improvement projects to optimise business performance metrics	
		Champion the adoption of lean practices in the organisation	
		Endorse research and innovation programmes based on business priorities	
		Approve data analytics plans for strategic decision-making	
	Manage people and organisational development	Develop functional plans in alignment with business strategies and goals	
Establish operating budget and plans for fleet management			
Establish business development plans, targets and measurements			
Manage relationships with internal and external stakeholders to meet business objectives			
Establish key performance indicators (KPIs) to achieve business goals and objectives			
Drive talent recruitment, development and management to meet business needs			
Technical Skills and Competencies		Generic Skills and Competencies	
Applied Research and Development Management	Level 5	Leadership	Advanced
Artificial Intelligence Application	Level 5	Developing People	Advanced
Asset Management	Level 5	Decision Making	Advanced
Audit and Review Management	Level 5	Service Orientation	Advanced
Aviation Legislation Compliance	Level 5	Interpersonal Skills	Advanced
Big Data Analytics	Level 5		
Budgeting	Level 5		
Business Continuity Planning	Level 5		

Skills & Competencies	Business Negotiation	Level 6		
	Business Opportunities Development	Level 5		
	Business Performance Management	Level 5		
	Carbon Footprint Management	Level 6		
	Change Management	Level 5		
	Continuous Process Improvement	Level 5		
	Contract Development and Management	Level 5		
	Cyber Risk Management	Level 5		
	Engineering Problem Solving	Level 6		
	Enterprise Database System Administration	Level 5		
	Green Manufacturing Design and Implementation	Level 5		
	Human Factors Application and Error Management	Level 3		
	Innovation Management	Level 5		
	Internet of Things Implementation	Level 5		
	Knowledge Management	Level 5		
	Lean Manufacturing	Level 5		
	Maintenance Coordination	Level 6		
	Predictive Maintenance	Level 6		
	Project Management	Level 5		
	Quality System Management	Level 5		
	Risk Compliance and Governance	Level 5		
	Robotics and Automation Application	Level 5		
	Stakeholder Management	Level 5		
	Strategy Planning	Level 5		
Supplier Management and Capability Development	Level 5			
Supply Chain Solutioning	Level 5			
Workplace Safety and Health Framework Development and Implementation	Level 5			
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