

**SKILLS FRAMEWORK FOR AIR TRANSPORT
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Flight Operations					
TSC	Flight Planning					
TSC Description	Plan cross-country flights according to regulatory and safety standards					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		ATP-FLO-2002-1.1	ATP-FLO-3002-1.1	ATP-FLO-4002-1.1	ATP-FLO-5002-1.1	
		Support development of flight plans with relevant stakeholders	Administer flight plans based on aircraft optimal load and flight destinations	Review flight plans to resolve unforeseen issues affecting flights and route planning	Drive strategies to enhance flight planning operations	
Knowledge		<ul style="list-style-type: none"> Notices to Airmen (NOTAMs) purposes and procedures Basic meteorology knowledge Characteristics of weather systems, reporting procedures and recording systems Jeppesen and/or other route charts Minimum Equipment List (MEL) Flight defects that may affect aircraft performance Local and international guidelines such as Air Operators Certificate Requirements (AOCR) and Air Navigation Regulations (ANR) 	<ul style="list-style-type: none"> Interpretation of Notices to Airmen (NOTAMs) Principles of air law Flight planning and navigation for all weather conditions Standard Operating Procedures (SOPs) of airlines for flight planning Fuel calculation procedures Flight planning systems Minimum Equipment List (MEL) Flight defects that may affect aircraft performance Local and international guidelines such as Air Operators Certificate Requirements (AOCR) and Air Navigation Regulations (ANR) 	<ul style="list-style-type: none"> Interpretation of Notices to Airmen (NOTAMs) Principles of air law Flight planning and navigation for all weather conditions Standard Operating Procedures (SOPs) of airlines for flight planning Flight planning systems Form-of-the-earth and its impact on navigation Basic aircraft operations and performance concepts Flight defects that may affect aircraft performance Minimum Equipment List (MEL) Local and international guidelines such as Air Operators Certificate Requirements (AOCR) and Air Navigation Regulations (ANR) 	<ul style="list-style-type: none"> Flight planning and navigation for all weather conditions Standard Operating Procedures (SOPs) of airlines for flight planning Flight planning systems Advanced aircraft operations and performance concepts Agreements for en route flights Minimum Equipment List (MEL) Local and international guidelines such as Air Operators Certificate Requirements (AOCR) and Air Navigation Regulations (ANR) 	
Abilities		<ul style="list-style-type: none"> Acquire information on aircraft and weather conditions 	<ul style="list-style-type: none"> Interpret information from NOTAMs to determine impact on flight paths 	<ul style="list-style-type: none"> Develop alternative flight plans to avoid potential hazards 	<ul style="list-style-type: none"> Collaborate with relevant authorities and/or departments to drive strategies to enhance 	

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		<ul style="list-style-type: none"> Obtain data from respective countries' Aeronautical Information Services (AIS) Interpret meteorology reports Read navigation charts Interpret NOTAMs terminologies Prepare documentation of flight plans for relevant departments, stakeholders and/or authorities 	<ul style="list-style-type: none"> Select optimal flight paths and trajectories using flight planning systems Calculate fuel requirements based on selected flight paths and trajectories Replot flight paths based on changes in weather data Identify potential hazards based on selected flight paths Identify diversion airports based on selected flight paths Communicate details of flight plans to flight crew 	<ul style="list-style-type: none"> Provide justifications for revised flight paths to relevant departments, stakeholders and/or authorities Propose amendments in flight paths and present updates or changes to other departments 	<p>overall flight planning processes and SOPs</p> <ul style="list-style-type: none"> Optimise flight planning processes and SOPs to meet strategic and cost objectives for the airlines Collaborate with authorities to seek approvals for en route operations 	
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