

<b>TSC Category</b>	Aircraft Operations					
<b>TSC</b>	Aircraft Cruise Operations					
<b>TSC Description</b>	Monitor aircraft systems, performance and external environments as well as comply with Air Traffic Control (ATC) instructions and en route navigation requirements to ensure safe and optimal flight conditions					
<b>TSC Proficiency Description</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>	<b>Level 6</b>
				<b>ATP-ACO-4001-1.1</b>	<b>ATP-ACO-5001-1.1</b>	
				Analyse aircraft performance through close monitoring of flight decks to ensure optimal flight conditions during cruise	Manage aircraft performance to attain safe and economical flights during cruise	
<b>Knowledge</b>				<ul style="list-style-type: none"> <li>Optimal aircraft performance such as speed, drag, fuel status and cruise flight level</li> <li>Effects of weather and environmental factors on aircraft performance</li> <li>Interpretation of flight data and aircraft performance results</li> <li>Interpretation of navigation charts</li> <li>Fuel consumption patterns</li> <li>Fuel management, conservation and reserve optimisation</li> <li>Local and international guidelines such as Air Operator Certificate Requirements (AOCR), Air Navigation Regulations (ANR) and Airline Operations Manual (AOM)</li> </ul>	<ul style="list-style-type: none"> <li>Optimal aircraft performance such as speed, drag, fuel status and cruise flight level</li> <li>Effects of weather and environmental factors on aircraft performance</li> <li>Interpretation of flight data and aircraft performance results</li> <li>Interpretation of navigation charts</li> <li>Fuel consumption patterns</li> <li>Fuel management, conservation and reserve optimisation</li> <li>Factors affecting the safe and economical conduct of flights</li> <li>Physics of fuel economy and engine efficiency</li> <li>Local and international guidelines such as Air Operator Certificate Requirements (AOCR), Air Navigation Regulations (ANR) and Airline Operations Manual (AOM)</li> </ul>	

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

<p><b>Abilities</b></p>				<ul style="list-style-type: none"> <li>• Monitor and attain navigation accuracy using en route charts</li> <li>• Check and control fuel consumption to ensure optimal fuel status</li> <li>• Perform periodic and predictive monitoring of aircraft performance</li> <li>• Select appropriate aircraft automation modes</li> <li>• Adjust flights based on weather and environmental conditions</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor and attain navigation accuracy using en route charts</li> <li>• Check and control fuel consumption to ensure optimal fuel status</li> <li>• Perform periodic and predictive monitoring of aircraft performance</li> <li>• Select appropriate aircraft automation modes</li> <li>• Adjust flights based on weather and environmental conditions</li> <li>• Optimise height and speed of flights in relation to fuel consumption</li> <li>• Make final decisions to continue or divert flights based on aircraft serviceability, airspace, Air Traffic Control (ATC) requirements and weather conditions</li> </ul>	
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