

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

TSC Category	Aircraft Operations					
TSC	Aircraft Take-Off Operations					
TSC Description	Perform take-off roll in accordance with Standard Operating Procedures (SOPs) to ensure safe take-off operations					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
				ATP-ACO-4007-1.1	ATP-ACO-5007-1.1	
				Perform take-off roll according to Standard Operating Procedures (SOPs) and Air Traffic Control (ATC) instructions to attain safe lift-offs	Oversee take-off roll to ensure compliance with procedures, standards and Air Traffic Control (ATC) instructions	
Knowledge				<ul style="list-style-type: none"> • Airport and area navigation charts • Take-off and climb procedures • Impact of weather on take-off operations • Engine performance failure and other critical failures during take-off roll • ATC requirements • Noise abatement procedures • Standard Instrument Departure (SID) procedures • After Take-Off Checklists • Local and international guidelines such as Air Operator Certificate Requirements (AOCR), Air Navigation Regulations (ANR) and Airline Operations Manual (AOM) 	<ul style="list-style-type: none"> • Airport and area navigation charts • Take-off and climb procedures • Impact of weather on take-off operations • Engine performance failure and other critical failures during take-off roll • ATC requirements • Noise abatement procedures • Standard Instrument Departure (SID) procedures • After Take-Off Checklists • Operating minima such as visibility, weather and automation systems • Local and international guidelines such as Air Operator Certificate Requirements (AOCR), Air Navigation Regulations (ANR) and Airline Operations Manual (AOM) 	

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

Abilities				<ul style="list-style-type: none"> • Conduct checks on technical parameters and serviceability of aircraft • Select appropriate automation modes for take-offs • Taxi aircraft to the runway and take-off point • Perform take-offs and climb according to ATC instructions and airline and/or airport procedures • Execute departures according to SID procedures • Complete After Take-Off Checklists 	<ul style="list-style-type: none"> • Conduct checks on technical parameters and serviceability of aircraft • Select appropriate automation modes for take-offs • Taxi aircraft to the runway and take-off point • Perform take-offs and climb according to ATC instructions and airline and/or airport procedures • Evaluate weather conditions and ability of co-pilots to perform take-offs • Monitor and take over control of aircraft when necessary • Make decisions to continue or reject take-offs in cases of emergency situations • Execute departures according to SID procedures • Complete After Take-Off Checklists 	
------------------	--	--	--	---	---	--