

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

TSC Category	Airline Operations					
TSC	Airline Crew Scheduling					
TSC Description	Manage crew requirements through efficient crew scheduling					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
	ATP-ALO-1001-1.1	ATP-ALO-2001-1.1	ATP-ALO-3001-1.1			
	Prepare crew schedules to meet flight operations and regulatory requirements	Execute optimal crew scheduling to meet cost, utilisation and compliance requirements	Administer strategies to enhance the efficiency and effectiveness of crew scheduling processes			
Knowledge	<ul style="list-style-type: none"> • Categories of flight crew and cabin crew • Crew pairing considerations • Preferential crew bidding systems • Flight swap processes • Flight schedules, route plans and block times • Tools and software used in crew pairing and rostering • Regulatory knowledge of rest periods and continuous duty periods • Crew attendance and leave schedules • Fatigue Risk Management System (FRMS) • Organisation's operating and training manuals 	<ul style="list-style-type: none"> • Categories of flight crew and cabin crew • Preferential crew bidding systems • Crew productivity and utilisation requirements • Costs involved in crew scheduling • Legislations and regulations governing crew scheduling • Principles of crew contingency management • Fatigue Risk Management System (FRMS) • Organisation's operating and training manuals 	<ul style="list-style-type: none"> • Direct and indirect cost impact of crew planning • Preferential crew bidding systems • Crew productivity and utilisation requirements • Crew contingency management strategies • Fatigue Risk Management System (FRMS) • Best practices in crew scheduling • Implications of airline contingency plans on crew scheduling • Legislations and regulations governing crew scheduling • Organisation's operating and training manuals 			
Abilities	<ul style="list-style-type: none"> • Prepare crew rosters based on crew pairing, flight schedules and preferential bidding • Execute crew pairing to map flight patterns onto crew rosters 	<ul style="list-style-type: none"> • Implement changes to crew scheduling processes when required • Coordinate with flight scheduling teams to manage crew 	<ul style="list-style-type: none"> • Oversee accrued crew flying hours to ensure fair allocation of flights • Consult and discuss with crew regarding preferred flight schedules 			

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	<ul style="list-style-type: none"> • Document crew schedules on appropriate platforms for tracking and regulatory purposes • Report contingency requirements to higher authorities 	<p>requirements in contingency situations</p> <ul style="list-style-type: none"> • Communicate schedules to crew • Track accrued flying hours for crew • Monitor crew rosters for regulatory compliance 	<ul style="list-style-type: none"> • Manage the fulfilment and deployment of crew schedules during flight disruptions and irregular operations • Assess utilisation of crew to improve crew scheduling processes • Recommend enhancements to crew scheduling processes to attain cost savings for airlines 			
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