

ATC Refresher Training Baseline

Training Topic	Types of refresher training	Description of the topic	Scenarios	Training objectives	Relevant ATC Licence Ratings	Desired Outcomes	ATC Competencies																	
							SITU	TRAF	SEPC	COMM	CORD	NONR	PROB	SELF	WORK	TEAM								
			communication with crews requesting start up, increases coordination, introduces flight crews who are not familiar with the aerodrome layout and consequently taxi slower and have poorer situational awareness.			Coordinates with airport authorities the availability of parking stands and the possibilities to park aircraft on taxiways if the capacity problem is severe						X												
						Provides additional assistance to flight crews not familiar with aerodrome	X	X		X														
						Provides any pertinent information to departing flight crews that aids their decision-making concerning the continuation of their flight	X	X		X														
In-flight emergencies	AES	This topic covers a wide variety of in-flight emergencies. These types of emergencies are often characterised by rapidly changing circumstances and require the controller to evaluate the situation, often with limited or incomplete information, and then decide on the effective way to offer assistance. For many of these in-flight emergencies, there are prescribed actions and procedures however circumstances may dictate that the controller create solutions because there is no defined procedure.	Smoke or fire in the cockpit - during any phase of flight, the crew reports either smoke or fire in the cockpit and requests to divert to the nearest suitable airfield or priority landing if already approaching the destination aerodrome. At a certain point during the diversion, the pilot reports very poor visibility in the cockpit due to smoke. The scenario may include an emergency descent.	Manage the traffic situation whilst dealing with an aircraft with fire or smoke in the cockpit	All	Offers any appropriate assistance	X		X			X	X											
						Coordinates with appropriate ATC units and other services, as required					X													
						Prioritises actions depending on the evolution of the situation					X							X						
						Uses appropriate elements of the unit emergency checklist					X													
						Evaluates overall workload and requests support, when necessary																X		
						Provides information to flight crew regarding closest and/or most suitable aerodromes when appropriate		X					X											
						Electrical problems - during any phase of flight, the crew experiences either partial or complete electrical failure. The effects of the electrical failure can vary from affecting the navigational systems, to anti-cing, transponders, controls and indicators, lighting.	Manage the traffic situation whilst dealing with an aircraft with electrical problems	All	Offers any appropriate assistance	X			X		X	X								
			Coordinates with appropriate ATC units and other services, as required							X														
			Prioritises actions depending on the evolution of the situation									X							X					
			Uses appropriate elements of unit emergency checklist									X												
			Evaluates overall workload and requests support, when necessary																			X		
			Provides information to flight crew regarding closest and/or most suitable aerodromes when appropriate		X									X										
						Hydraulics problems - during any phase of flight, the crew reports a problem with hydraulics. This might range from partial/total loss of control whilst flying, difficulties extending/retracting landing gear, lack of auto-pilot or reduced braking upon landing, high approach speed.	Manage the traffic situation whilst dealing with an aircraft with hydraulics problems	All	Provides increased separation between affected aircraft and other aircraft	X		X												
			Offers any appropriate assistance	X						X		X	X											
			Coordinates with appropriate ATC units and other services, as required									X												
Prioritises actions depending on the evolution of the situation													X						X					
Uses appropriate elements of unit emergency checklist													X											
Evaluates overall workload and requests support, when necessary																			X					
			Fuel problems - during any phase of flight, the crew reports a fuel problem that may range from being below the legal minimum to fuel exhausted.	Manage the traffic situation whilst dealing with an aircraft with fuel problems	All	Identifies accurately the fuel status of the affected aircraft						X												
Provides control actions that ensure efficient use of remaining fuel	X							X																
Coordinates with appropriate ATC units and other services, as required									X															
Uses appropriate elements of the unit emergency checklist													X											
Provides aerodrome and weather information		X																						
Prioritises actions depending on the evolution of the situation	X	X																		X				
			Bird strike - a bird or birds hits an aircraft shortly after take-off or before landing and either the windshield, engine, fuselage, landing gear or hydraulics or a combination are damaged.	Manage the traffic situation whilst dealing with an aircraft that has experienced a birdstrike	TWR	Prioritises actions based on the seriousness of the situation	X					X						X						
Offers any appropriate assistance	X						X		X	X														
Uses appropriate elements of the unit emergency checklist													X											
Coordinates with appropriate ATC units and other services, as required												X												

