

Private Pilot Licence Examinations – 070 Operational Procedures Aeroplane and Helicopter

Syllabus Reference	Syllabus details & Associated Learning Objective	Aeroplane		Helicopter	
		PPL	Bridge Course	PPL	Bridge Course
070.00.00.00	OPERATIONAL PROCEDURES				
070.01.00.00	General				
070.01.01.00	Operation of aircraft: ICAO Annex 6, General requirements				
070.01.01.01	Definitions	x	x	x	x
070.01.01.02	Applicability	x	x	x	x
070.02.00.00	Special operational procedures and hazards (general aspects)	x	x	x	x
070.03.00.00	Noise abatement				
070.03.01.01	Noise abatement procedures	x	x	x	x
070.03.01.02	Influence of the flight procedure (departure, cruise and approach)	x	x	x	x
070.03.01.03	Runway incursion awareness (meaning of surface markings and signals)	x	x	x	x
070.04.00.00	Fire or smoke				
070.04.01.01	Carburettor fire	x	x	x	x
070.04.01.02	Engine fire	x	x	x	x
070.04.01.03	Fire in the cabin and cockpit, (choice of extinguishing agents according to fire classification and use of the extinguishers)	x	x	x	x
070.04.01.04	Smoke in the cockpit and (effects and action to be taken) and smoke in the cockpit and cabin (effects and actions taken)	x	x	x	x
070.05.01.00	Windshear and microburst				
070.05.01.01	Effects and recognition during departure and approach	x	x	x	x
070.05.01.02	Actions to avoid and actions taken during encounter	x	x	x	x
070.06.00.00	Wake turbulence				
070.06.01.01	Cause	x	x	x	x
070.06.01.02	List of relevant parameters	x	x	x	x
070.06.01.03	Actions taken when crossing traffic, during take-off and landing	x	x	x	x
070.07.00.00	Emergency and precautionary landings				
070.07.01.01	Definition	x	x	x	x
070.07.01.02	Cause	x	x	x	x
070.07.01.03	Passenger information	x	x	x	x
070.07.01.04	Evacuation	x	x	x	x
070.07.01.05	Action after landing	x	x	x	x
070.08.00.00	Contaminated runways				
070.08.01.01	Kinds of contamination	x	x		
070.08.01.02	Estimated surface friction and friction coefficient	x	x		
070.09.00.00	Rotor downwash			x	x
070.10.00.00	Operation influence by meteorological conditions (Helicopter)				
070.10.01.01	White out, sand or dust			x	x
070.10.01.02	Strong winds			x	x
070.10.01.03	Mountain environment			x	x
070.11.00.00	Emergency procedures				
070.11.01.00	Influence by technical problems				

070.11.01.01	Engine failure			x	x
070.11.01.02	Fire in cabin, cockpit or engine			x	x
070.11.01.03	Tail, rotor or directional control failure			x	x
070.11.01.04	Ground resonance			x	x
070.11.01.05	Blade stall			x	x
070.11.01.06	Settling with power (vortex ring)			x	x
070.11.01.07	Overpitch			x	x
070.11.01.08	Overspeed: rotor or engine			x	x
070.11.01.09	Dynamic rollover			x	x
070.11.01.10	Mast bumping			x	x