

TABLE C1A—MINIMUM SIMULATOR REQUIREMENTS—Continued

Entry No.	QPS requirements	Simulator levels			Information
		B	C	D	Notes
6.t.	The simulator must provide special weather representations of light, medium, and heavy precipitation near a thunderstorm on takeoff and during approach and landing. Representations need only be presented at and below an altitude of 2,000 ft. (610 m) above the airport surface and within 10 miles (16 km) of the airport.		X	X	
6.u.	The simulator must present visual scenes of wet and snow-covered runways, including runway lighting reflections for wet conditions, and partially obscured lights for snow conditions.		X	X	The NSPM will consider suitable alternative effects.
6.v.	The simulator must present realistic color and directionality of all airport lighting.		X	X	
7.	Sound System				
7.a.	The simulator must provide flight deck sounds that result from pilot actions that correspond to those that occur in the helicopter.	X	X	X	
7.b.	Volume control, if installed, must have an indication of the sound level setting.	X	X	X	
7.c.	The simulator must accurately simulate the sound of precipitation, windshield wipers, and other significant helicopter noises perceptible to the pilot during normal and abnormal operations, and include the sound of a crash (when the simulator is landed in an unusual attitude or in excess of the structural gear limitations); normal engine sounds; and the sounds of gear extension and retraction. An SOC is required.		X	X	
7.d.	The simulator must provide realistic amplitude and frequency of flight deck noises and sounds. Simulator performance must be recorded, compared to amplitude and frequency of the same sounds recorded in the helicopter, and made a part of the QTG.			X	

TABLE C1B—TABLE OF TASKS VS. SIMULATOR LEVEL

QPS requirements					Information	
Entry No.	The simulator must be able to perform the tasks associated with that level of qualification.	Simulator levels			Notes	
		B	C	D		
1. Preflight Procedures						
1.a.	Preflight Inspection (Flight deck Only) switches, indicators, systems, and equipment.	X	X	X		
1.b.	APU/Engine start and run-up.					
1.b.1.	Normal start procedures	X	X	X		
1.b.2.	Alternate start procedures	X	X	X		
1.b.3.	Abnormal starts and shutdowns (hot start, hung start)	X	X	X		
1.c.	Taxiing—Ground	X	X	X		