

TABLE C2A—FULL FLIGHT SIMULATOR (FFS) OBJECTIVE TESTS—Continued

QPS requirements							Information	
Test		Tolerance(s)	Flight condition	Test details	Simulator level			Notes
Entry No.	Title				B	C	D	
5.a.1.	Ready for engine start.	±5 dB per ⅓ octave band.	Ground	Normal condition prior to engine start. The APU must be on if appropriate.			X	
5.a.2.	All engines at idle; rotor not turning (if applicable) and rotor turning.	±5 dB per ⅓ octave band.	Ground	Normal condition prior to lift-off.			X	
5.a.3.	Hover	±5 dB per ⅓ octave band.	Hover				X	
5.a.4.	Climb	±5 dB per ⅓ octave band.	En-route climb	Medium altitude			X	
5.a.5.	Cruise	±5 dB per ⅓ octave band.	Cruise	Normal cruise configuration.			X	
5.a.6.	Final approach	±5 dB per ⅓ octave band.	Landing	Constant airspeed, gear down.			X	
5.b.	Special cases							
		±5 dB per ⅓ octave band.	As appropriate				X	These special cases are identified as particularly significant during critical phases of flight and ground operations for a specific helicopter type or model.
5.c.	Background noise							
		±3 dB per ⅓ octave band.	As appropriate	Results of the background noise at initial qualification must be included in the MQTG. Measurements must be made with the simulation running, the sound muted, and a “dead” flight deck.			X	The simulated sound will be evaluated to ensure that the background noise does not interfere with training, testing, or checking.
5.d.	Frequency response							