

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	
1.c.3. ....	One Engine inoperative, rejected take off.	Airspeed—±3 kt, Altitude—±20 ft (6.1m), Torque—±3%, Rotor Speed—±1.5%, Pitch Attitude—±1.5°, Roll angle—±1.5°, Heading—±2°, Longitudinal Control Position—±10%, Lateral Control Position—±10%, Directional Control Position—±10%, Collective Control Position—±10%, Distance—±7.5% or ±30m (100ft).	Ground, Takeoff .....	Time history from the take off point to touch down. Test conditions near limiting performance.		X	X	
1.d. ....	Hover							
	Performance .....	Torque—±3%, Pitch Attitude—±1.5°, Bank Attitude—±1.5°, Longitudinal Control Position—±5%, Lateral Control Position—±5%, Directional Control Position—±5%, Collective Control Position—±5%.	In Ground Effect (IGE); and Out of Ground Effect (OGE).	Record results for light and heavy gross weights. May be a series of snapshot tests.		X	X	
1.e. ....	Vertical Climb							
	Performance .....	Vertical Velocity—±100 fpm (0.50 m/sec) or ±10%, Directional Control Position—±5%, Collective Control Position—±5%.	From OGE Hover .....	Record results for light and heavy gross weights. May be a series of snapshot tests.		X	X	
1.f. ....	Level Flight							