

Table A2A - Full Flight Simulator (FFS) Objective Tests									
QPS REQUIREMENTS					INFORMATION				
Test		Tolerance	Flight Conditions	Test Details	Simulator Level				Notes
Entry Number	Title				A	B	C	D	
2.b.3.	Yaw Control.	Same as 2.b.1.	Takeoff, Cruise, and Landing.	allowable roll controller deflection for flight conditions limited by the maneuvering load envelope). Data must be for normal control displacement (approximately 25% to 50% of full throw).			X	X	For overdamped and critically damped systems, see Figure A2B of Appendix A for an illustration of the reference measurement. Refer to paragraph 4 of this Attachment. For overdamped and critically damped systems, see Figure A2B of Appendix A for an illustration of the reference measurement.
2.b.4.	Small Control Inputs – Pitch.	$\pm 0.15^\circ/\text{s}$ body pitch rate or $\pm 20\%$ of peak body pitch rate applied throughout the time history.	Approach or Landing.	Control inputs must be typical of minor corrections made while established on an ILS approach (approximately 0.5 to $2^\circ/\text{s}$ pitch rate). Test in both directions. Show time history data from 5 s before until at least 5 s after initiation of control input. If a single test is used to demonstrate both directions, there must be a minimum of 5 s before control reversal to the opposite direction. CCA: Test in normal and non-normal control state.			X	X	
2.b.5.	Small Control Inputs – Roll.	$\pm 0.15^\circ/\text{s}$ body roll rate or $\pm 20\%$ of peak body roll rate applied throughout the time history.	Approach or landing.	Control inputs must be typical of minor corrections made while established on an ILS approach (approximately 0.5 to $2^\circ/\text{s}$ roll rate). Test in one direction. For airplanes that exhibit non-symmetrical behavior, test in both directions. Show time history data from 5 s before until at least 5 s after initiation of control input.			X	X	