

Table A2A - Full Flight Simulator (FFS) Objective Tests									
QPS REQUIREMENTS				INFORMATION					
Entry Number	Test Title	Tolerance	Flight Conditions	Test Details	Simulator Level			Notes	
					A	B	C		D
1.c.4.	One Engine Inoperative Approach Climb for airplanes with icing accountability if provided in the airplane performance data for this phase of flight.	±3 kt airspeed. ±0.5 m/s (100 ft/min) or ±5% rate of climb, but not less than airplane performance data.	Approach	Test for at least a 1,550 m (5,000 ft) segment. Flight test data or airplane performance manual data may be used. FSTD performance to be recorded over an interval of at least 300 m (1,000 ft). Test near maximum certificated landing weight as may be applicable to an approach in icing conditions.	X	X	X	X	Airplane should be configured with all anti-ice and de-ice systems operating normally, gear up and go-around flap. All icing accountability considerations, in accordance with the airplane performance data for an approach in icing conditions, should be applied.
1.d.	Cruise/Descent.								
1.d.1.	Level flight acceleration	±5% Time	Cruise	Time required to increase airspeed a minimum of 50 kt, using maximum continuous thrust rating or equivalent. For airplanes with a small operating speed range, speed change may be reduced to 80% of operational speed change.	X	X	X	X	
1.d.2.	Level flight deceleration.	±5% Time	Cruise	Time required to decrease airspeed a minimum of 50 kt, using idle power. For airplanes with a small operating speed range, speed change may be reduced to 80% of operational speed change.	X	X	X	X	
1.d.3.	Cruise performance.	±.05 EPR or ±3% NI or ±5% of torque. ±5% of fuel flow.	Cruise.	The test may be a single snapshot showing instantaneous fuel flow, or a minimum of two consecutive snapshots with a spread of at least 3 minutes in steady flight.			X	X	
1.d.4.	Idle descent.	±3 kt airspeed. ±1.0 m/s (200 ft/min) or ±5% of rate of descent.	Clean.	Idle power stabilized descent at normal descent speed at mid altitude. FSTD performance to be recorded over an interval of at least 300 m (1,000 ft).	X	X	X	X	
1.d.5.	Emergency descent.	±5 kt airspeed.	As per airplane	FSTD performance to be recorded over an interval of at least 300 m (1,000 ft).	X	X	X	X	Stabilized descent to be