

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		
5.b	Propeller-driven airplanes									<p>All tests in this section should be presented using an unweighted 1/3-octave band format from at least band 17 to 42 (50 Hz to 16 kHz).</p> <p>A measurement of minimum 20 s should be taken at the location corresponding to the approved data set.</p> <p>The approved data set and FSTD results should be produced using comparable data analysis techniques.</p> <p>Refer to paragraph 3.7 of this Appendix.</p>
5.b.1.	Ready for engine start.	<p>Initial evaluation: ± 5 dB per 1/3 octave band.</p> <p>Recurrent evaluation: cannot exceed ± 5 dB difference on three consecutive bands when compared to initial evaluation and the average of the absolute differences between initial and recurrent evaluation results cannot exceed 2 dB.</p>	Ground.	<p>Normal condition prior to engine start.</p> <p>The APU should be on if appropriate.</p>						<p>For initial evaluation, it is acceptable to have some 1/3 octave bands out of ± 5 dB tolerance but not more than 2 that are consecutive and in any case within ± 7 dB from approved reference data, providing that the overall trend is correct.</p> <p>Where initial evaluation employs approved subjective tuning to develop the approved reference standard, recurrent evaluation tolerances should be used during recurrent evaluations.</p>