

This regulation should be amended to exempt experimental and sport aircraft. The purpose of the experimental and sport rules is to eliminate much of the testing and regulatory compliance for these low volume of production aircraft. Experimental and sport aircraft makers should not be required to do testing to verify noise levels before receiving airworthiness certificates. The stated intent of the rule is to help US certification come in line with JAA certification for manufactured aircraft. Most JAA countries do not allow experimental aircraft to be certified. If this rule is implemented to include sport and experimental aircraft, tens or hundreds of thousands of decibel tests will be required of the builders. This is an unnecessary burden, and also will prevent exploration of new technologies. Experimenters are testing small turbine engines on light aircraft which slightly exceed the proposed decibel limits. I believe these experimenters should be allowed to continue these experiments unhindered by this regulation. Keep in mind these same small turbines are not restricted in any way when used in unmanned model aircraft.