

The Boeing Company

The purpose of the HIRF testing is to demonstrate non-interference to aircraft systems from personal-portable electronic devices such as cellular phone, laptops, etc. The testing is requested following the FAA release of AC 20-164A that specifies the use of industry standards RTCA DO-307A and RTCA DO-363. These industry standards define which aircraft systems and equipment need to be evaluated for tolerance to RF from intentionally transmitting portable electronic devices (PEDs) and how to demonstrate aircraft tolerance. DO-363 contains the airplane test method and power levels that are driving this request. Testing is performed on an infrequent basis.

There is no Federal Government contract number associated with this test or application.