

Dear Sir or Madam,

The Boeing Company needs to perform a HERO (Hazard of Electromagnetic Radiation to Ordnance) test for a CH-47, which is a military helicopter. This test consists of measuring the induced energy into a pyrotechnic device when one of the transmitters on the helicopter is keyed at a discrete frequency. In addition, the test will be performed with the helicopter on the ground. The test site will be either in Wilmington, Delaware or Shreveport, Louisiana. Actual location will be determined later this year. Therefore, Boeing is filing for a Special Transmission Authorization (DD-442) for each test site.

For this test, the following table lists the aircraft radios, radio bands, and number of test frequencies requested per radio band.

RADIO SYSTEM	RADIO BANDS	NUMBER OF TEST FREQ.
HF-9000	2-30 MHz	20 test Freq. with about 1 MHz separation
ARC-210	30-88 MHz	20 test Freq. with about 1 MHz separation
	137-152 MHz	10 test Freq. with about 1 MHz separation
	156-174 MHz	20 test Freq. with about 1 MHz separation
	225-400 MHz	20 test Freq. with about 1 MHz separation

Since we are requesting several frequencies per radio band, it is request that the FCC selects the actual test frequencies from the appropriate database.

Although the aircraft has other radio systems, these systems were not listed on the FCC DD-442 forum because they are under FAA jurisdiction. For these systems, the appropriate FAA forums have been filed with the FAA regional offices.

If you require any further information, my telephone number is 610-591-7215 and my E-mail address is Vincent.Mancuso@Booeing.com.