

Technical Description

Submitted by Joel Thorsheim on behalf of Insitu
The Boeing Company
Frequency Management Services
P.O. Box 3707 MC: 2T-22
Seattle, WA 98124-2207
206-544-6066 Office
206-662-0701 Fax

Frequency Band: 902-928 MHz
Channels/Spacing: Frequency hopping; 50 to 112 center frequencies, user selectable, 112 channels in 230.4 KHz increments starting with 902.2464 MHz
Emission: 230KF1D
Transmit Output: 1 Watt
Output Power: 61 Watts ERP

Frequency Band: 902-928 MHz.
Channel Spacing: Frequency hopping; 50 to 112 center frequencies, user selectable, 112 channels in 230.4 KHz increments starting with 902.2464 MHz
Emissions: 230KF1D
Transmit Output: 1 Watt
Output Power: 1 Watt ERP

Frequency Band: 1370-1390 MHz
Channels/Spacing: Frequency hops
Emission: 230KF1D
Transmit Output: 1 Watt
Output Power: 1 Watt

Frequency Band: 1370-1390 MHz
Channels/Spacing: Frequency hops on
Emission: 230KF1D
Transmit Output: 5 Watt
Output Power: 608 Watts ERP

Frequencies: 2312.5, 2347.5, 2352.5, 2357.5, 2364.5, 2370.5, 2382.5, 2387.5, 2411, 2434, 2453, 2463, 2473, 2486, 2490, and 2495 MHz
Emissions: 18M0F9W and 16M0F3F
Transmit Output: 2 Watts
Output Power: 1.22 Watt ERP

Frequencies: 1710 – 1850 MHz
Frequencies: 2200 – 2290 MHz
Frequencies: 2310 – 2390 MHz
Emissions: 18M5F9W, 9M58G1D, 4M79G1D, and 2M40G1D
Transmit Output: 2 Watts
Output Power: 2 Watts

Frequency: 1090 MHz
Emissions: 11M0M1D
Transmit Output: 175 Watts Peak
Output Power: 107 Watts ERP

Stop Buzzer

Stop buzzer for this operation is Ben Schreffler at 509-493-6690.

Schedule

Actual date and time of operation depends primarily on weather conditions and equipment availability. A 24 month period from date of approval is requested.

Location

Boardman Bombing Range

Boardman, OR

45-44-54N 119-47-38W

NAD83

Elevation 620 Feet / 189 meters

Radius of operation 125 miles / 200 kilometers

Flight Level: Flight operations will be conducted within 25 nautical miles of the antenna located at Boardman Bombing Range (45-44-54N/11-47-38W) up to and 20,000 ft. MSL. All other operations conducted outside the 25 nautical mile radius of the bombing range will be ground only testing. All antennas will be less than 3.5 meters above ground elevation.