

Technical Description

Submitted by Joel Thorsheim on behalf of Insitu
The Boeing Company
Frequency Management Services
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This experimental license request is being submitted to support a temporary Unmanned Aircraft System (UAS) system integration test in lieu of a STA extension request for FCC Call Sign WJ9XBS under file number 1092-EX-ST-2015. This testing is expected to last another year.

GROUND EQUIPMENT

- Frequency Band: 1850MHz
- Emission: N0N
- Output ERP: 12.137 Watts

AIRBORNE EQUIPMENT

- Frequency Band: 1930.2 – 1989.8MHz
- Emission: 300KGXW
- Output ERP: 6.4 Watts

STOP BUZZER

Stop buzzer for this operation is Insitu the Operations Action Center at 866-637-4691.

SCHEDULE

Start Date: May 1, 2016
Stop Date: April 30, 2017

FIXED GROUND LOCATION

Boardman Bombing Range
Boardman, OR
45-44-54N 119-47-38W
Fixed ground operations within 1 kilometer radius

MOBILE AIRBORNE LOCATION

Boardman Bombing Range
Boardman, OR
45-44-54N 119-47-38W
Maximum Flight Level is 4000 feet
Airborne mobile operations within a 20 kilometer radius

FIXED GROUND LOCATION FOR OPERATIONAL CHECKS AND TESTING

Bingen, WA
45-42-24N 121-27-30W
Indoors Ground Only