

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
RADIO STATION CONSTRUCTION PERMIT  
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD      FX

(Class of Station)

WD2XNV

(Call Sign)

0178-EX-ML-2012

(File Number)

NAME BOEING COMPANY, THE

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(d) of the Commission's Rules

Station Locations

(1) Algona (KING), WA - NL 47-16-32; WL 122-14-27

Frequency Information

Algona (KING), WA - NL 47-16-32; WL 122-14-27

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 0.001-100 MHz     | FX            | NON                 | 1 W (ERP)        |                           |
| 101-121.45 MHz    | FX            | NON                 | 8 mW (ERP)       |                           |
| 121.55-156.75 MHz | FX            | NON                 | 8 mW (ERP)       |                           |
| 156.85-225 MHz    | FX            | NON                 | 8 mW (ERP)       |                           |

This authorization effective January 29, 2013 and  
will expire 3:00 A.M. EST July 01, 2013

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Algona (KING), WA - NL 47-16-32; WL 122-14-27

| Frequency        | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------------|---------------|---------------------|------------------|---------------------------|
| 243.225-1215 MHz | FX            | NON                 | 8 mW (ERP)       |                           |

## Special Conditions:

- (1) Assignment in frequency band 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Northwest Coordinator, Seattle, WA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Northwest Coordinator, Seattle, WA, as necessary to ensure compatibility with existing uses.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) Stop Buzzer contact Jim Daniels at 206-544-3147.
- (5) Operation is subject to prior coordination with FAA Northwest Regional Office, 1601 Lind Avenue, S.W. Renton, Washington 98055 PH 206-227-2464.
- (6) Operation on this assignment is subject to immediate cessation, if it causes harmful interference to Army, Air Force, Navy, and FAA assignments.
- (7) Operation is NOT permitted using the frequency band 406 MHz-406.1 MHz.
- (8) The use of public safety frequencies listed under rule CFR 90.20 is prohibited.
- (9) Licensee must coordinate with Federal Aviation Administration Regional Office prior to renew this license.
- (10) Operation is NOT PERMITTED using the following frequency bands:
  - 59.00-61.00 kHz
  - 2495.00-2505.00 kHz
  - 3400.00-3500.00 kHz
  - 4650.00-4700.00 kHz
  - 4995.00-5005.00 kHz
  - 5450.00-5680.00 kHz
  - 6525.00-6685.00 kHz
  - 8815.00-8965.00 kHz
  - 9995.00-10100.00 kHz
  - 11275.00-11400.00 kHz
  - 13260.00-13360.00 kHz
  - 14990.00-15010.00 kHz
  - 17900.00-17970.00 kHz
  - 19990.00-20010.00 kHz
  - 21924.00-22000.00 kHz
  - 24990.00-25010.00 kHz
  - 74.60-75.40 MHz