

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

EXPERIMENTAL  
(Nature of Service)

WG2XOQ  
(Call Sign)

XT      FX MO  
(Class of Station)

0151-EX-CM-2017  
(File Number)

NAME The BOEING Company

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(i) of the Commission's Rules

Station Locations

- (1) Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered around NL 48-24-22; WL 106-31-58
- (2) Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, centered around NL 47-13-03; WL 119-17-18
- (3) Lynnwood (SNOHOMISH), WA - NL 47-51-01; WL 122-14-40; MOBILE: Flight 15000 ft AGL, Lynnwood, WA, within 65 km, centered around NL 47-51-01; WL 122-14-40
- (4) Greenville (HUNT), TX - NL 33-04-20; WL 96-04-37; MOBILE: Flight 6000 ft AGL, Greenville, TX, within 65 km, centered around NL 33-04-20; WL 96-04-37

Frequency Information

Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered ar

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 500-755 MHz | FX            | NON                 | 1.1 W (ERP)      |                           |
| 500-755 MHz | MO            | NON                 | 1.1 W (ERP)      |                           |
| 500-755 MHz | FX            | 1M00P0N             | 1.1 W (ERP)      |                           |

This authorization effective June 27, 2017 and  
will expire 3:00 A.M. EST August 01, 2019

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered ar

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 500-755 MHz | FX            | 500KP0N             | 1.1 W (ERP)      |                           |
| 500-755 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 799-931 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 799-931 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 799-931 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 799-931 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 945-959 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 945-959 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 945-959 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 945-959 MHz | FX            | 1M00P0N             | 1.1 W (ERP)      |                           |

## Frequency Information

Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered ar

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 945-959 MHz   | FX            | 500KP0N             | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |

## Frequency Information

Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered ar

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 1662-2309 MHz   | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1662-2309 MHz   | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1662-2309 MHz   | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1662-2309 MHz   | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2391-2699 MHz   | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 2391-2699 MHz   | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 2391-2699 MHz   | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2391-2699 MHz   | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |

## Frequency Information

Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered ar

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 2901-2999.9 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 3701-4199 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | MO            | 1M00P0N             | 19.3 W (ERP)     |                           |

## Frequency Information

Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered ar

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 4401-4999 MHz   | MO            | 500KP0N             | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | FX            | 1M00P0N             | 19.3 W (ERP)     |                           |

## Frequency Information

Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered ar

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 5651-5999.9 MHz | FX            | 500KP0N             | 19.3 W (ERP)     |                           |
| 6000-7124 MHz   | MO            | N0N                 | 61 W (ERP)       |                           |
| 6000-7124 MHz   | FX            | N0N                 | 61 W (ERP)       |                           |
| 6000-7124 MHz   | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 6000-7124 MHz   | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 8501-8999 MHz   | MO            | N0N                 | 61 W (ERP)       |                           |
| 8501-8999 MHz   | FX            | N0N                 | 61 W (ERP)       |                           |
| 8501-8999 MHz   | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 8501-8999 MHz   | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |

## Frequency Information

Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered ar

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 9201-9299 MHz   | MO            | N0N                 | 61 W (ERP)       |                           |
| 9201-9299 MHz   | FX            | N0N                 | 61 W (ERP)       |                           |
| 9201-9299 MHz   | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9201-9299 MHz   | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9501-14349 MHz  | MO            | N0N                 | 61 W (ERP)       |                           |
| 9501-14349 MHz  | FX            | N0N                 | 61 W (ERP)       |                           |
| 9501-14349 MHz  | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9501-14349 MHz  | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 15400-15699 MHz | MO            | N0N                 | 61 W (ERP)       |                           |



## Frequency Information

Glasgow (VALLEY), MT - NL 48-24-22; WL 106-31-58; MOBILE: Flight 15000 ft AGL, Glasgow, MT, within 65 km, centered at

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 15400-15699 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 15400-15699 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 15400-15699 MHz | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 16201-18000 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 16201-18000 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 16201-18000 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 16201-18000 MHz | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, centered at

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 500-755 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |

## Frequency Information

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, center

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 500-755 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 500-755 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 500-755 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 799-931 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 799-931 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 799-931 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 799-931 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 945-959 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 945-959 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 945-959 MHz | MO            | 1M00P0N             | 1.1 W (ERP)      |                           |

## Frequency Information

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, center

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 945-959 MHz   | MO            | 500KP0N             | 1.1 W (ERP)      |                           |
| 945-959 MHz   | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | FX            | 1M00P0N             | 1.1 W (ERP)      |                           |

## Frequency Information

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, center

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1611-1645 MHz | FX            | 500KP0N             | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |

## Frequency Information

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, center

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 2901-2999.9 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 3701-4199 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |

## Frequency Information

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, center

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 4401-4999 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | MO            | 1M00P0N             | 19.3 W (ERP)     |                           |

## Frequency Information

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, center

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 5651-5999.9 MHz | MO            | 500KP0N             | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 6000-7124 MHz   | MO            | N0N                 | 61 W (ERP)       |                           |
| 6000-7124 MHz   | FX            | N0N                 | 61 W (ERP)       |                           |
| 6000-7124 MHz   | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 6000-7124 MHz   | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 8501-8999 MHz   | MO            | N0N                 | 61 W (ERP)       |                           |
| 8501-8999 MHz   | FX            | N0N                 | 61 W (ERP)       |                           |
| 8501-8999 MHz   | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 8501-8999 MHz   | FX            | 1M00P0N             | 61 W (ERP)       |                           |

## Frequency Information

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, center

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 8501-8999 MHz  | FX            | 500KP0N             | 61 W (ERP)       |                           |
| 9201-9299 MHz  | MO            | N0N                 | 61 W (ERP)       |                           |
| 9201-9299 MHz  | FX            | N0N                 | 61 W (ERP)       |                           |
| 9201-9299 MHz  | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9201-9299 MHz  | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9501-14349 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 9501-14349 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 9501-14349 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9501-14349 MHz | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |



## Frequency Information

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18; MOBILE: Flight 15000 ft AGL, Moses Lake WA, within 65 km, center

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 15400-15699 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 15400-15699 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 15400-15699 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 15400-15699 MHz | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 16201-18000 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 16201-18000 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 16201-18000 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 16201-18000 MHz | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |

## Frequency Information

Lynnwood (SNOHOMISH), WA - NL 47-51-01; WL 122-14-40; MOBILE: Flight 15000 ft AGL, Lynnwood, WA, within 65 km, ce

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 500-755 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 500-755 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 500-755 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 500-755 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 799-931 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 799-931 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 799-931 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 799-931 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 945-959 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |

## Frequency Information

Lynnwood (SNOHOMISH), WA - NL 47-51-01; WL 122-14-40; MOBILE: Flight 15000 ft AGL, Lynnwood, WA, within 65 km, ce

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 945-959 MHz   | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 945-959 MHz   | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 945-959 MHz   | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | MO            | 1M00P0N             | 1.1 W (ERP)      |                           |

## Frequency Information

Lynnwood (SNOHOMISH), WA - NL 47-51-01; WL 122-14-40; MOBILE: Flight 15000 ft AGL, Lynnwood, WA, within 65 km, ce

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1611-1645 MHz | MO            | 500KP0N             | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | FX            | 1M00P0N             | 1.1 W (ERP)      |                           |

## Frequency Information

Lynnwood (SNOHOMISH), WA - NL 47-51-01; WL 122-14-40; MOBILE: Flight 15000 ft AGL, Lynnwood, WA, within 65 km, ce

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 2391-2699 MHz   | FX            | 500KP0N             | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 3701-4199 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |

## Frequency Information

Lynnwood (SNOHOMISH), WA - NL 47-51-01; WL 122-14-40; MOBILE: Flight 15000 ft AGL, Lynnwood, WA, within 65 km, ce

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 4401-4999 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | MO            | N0N                 | 19.3 W (ERP)     |                           |

## Frequency Information

Lynnwood (SNOHOMISH), WA - NL 47-51-01; WL 122-14-40; MOBILE: Flight 15000 ft AGL, Lynnwood, WA, within 65 km, ce

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 5651-5999.9 MHz | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 6000-7124 MHz   | MO            | N0N                 | 61 W (ERP)       |                           |
| 6000-7124 MHz   | FX            | N0N                 | 61 W (ERP)       |                           |
| 6000-7124 MHz   | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 6000-7124 MHz   | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 8501-8999 MHz   | MO            | N0N                 | 61 W (ERP)       |                           |
| 8501-8999 MHz   | FX            | N0N                 | 61 W (ERP)       |                           |
| 8501-8999 MHz   | MO            | 1M00P0N             | 61 W (ERP)       |                           |

## Frequency Information

Lynnwood (SNOHOMISH), WA - NL 47-51-01; WL 122-14-40; MOBILE: Flight 15000 ft AGL, Lynnwood, WA, within 65 km, ce

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 8501-8999 MHz  | MO            | 500KP0N             | 61 W (ERP)       |                           |
| 8501-8999 MHz  | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9201-9299 MHz  | MO            | N0N                 | 61 W (ERP)       |                           |
| 9201-9299 MHz  | FX            | N0N                 | 61 W (ERP)       |                           |
| 9201-9299 MHz  | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9201-9299 MHz  | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9501-14349 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 9501-14349 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 9501-14349 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9501-14349 MHz | FX            | 1M00P0N             | 61 W (ERP)       |                           |



## Frequency Information

Lynnwood (SNOHOMISH), WA - NL 47-51-01; WL 122-14-40; MOBILE: Flight 15000 ft AGL, Lynnwood, WA, within 65 km, ce

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 9501-14349 MHz  | FX            | 500KP0N             | 61 W (ERP)       |                           |
| 15400-15699 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 15400-15699 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 15400-15699 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 15400-15699 MHz | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 16201-18000 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 16201-18000 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 16201-18000 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 16201-18000 MHz | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |

## Frequency Information

Greenville (HUNT), TX - NL 33-04-20; WL 96-04-37; MOBILE: Flight 6000 ft AGL, Greenville, TX, within 65 km, centered around

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 500-755 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 500-755 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 500-755 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 500-755 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 799-931 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 799-931 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 799-931 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 799-931 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 945-959 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |

## Frequency Information

Greenville (HUNT), TX - NL 33-04-20; WL 96-04-37; MOBILE: Flight 6000 ft AGL, Greenville, TX, within 65 km, centered around

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 945-959 MHz   | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 945-959 MHz   | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 945-959 MHz   | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1526-1544 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | MO            | 1M00P0N             | 1.1 W (ERP)      |                           |

## Frequency Information

Greenville (HUNT), TX - NL 33-04-20; WL 96-04-37; MOBILE: Flight 6000 ft AGL, Greenville, TX, within 65 km, centered around

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1611-1645 MHz | MO            | 500KP0N             | 1.1 W (ERP)      |                           |
| 1611-1645 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 1662-2309 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2391-2699 MHz | FX            | 1M00P0N             | 1.1 W (ERP)      |                           |

## Frequency Information

Greenville (HUNT), TX - NL 33-04-20; WL 96-04-37; MOBILE: Flight 6000 ft AGL, Greenville, TX, within 65 km, centered around

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 2391-2699 MHz   | FX            | 500KP0N             | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | MO            | N0N                 | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | FX            | N0N                 | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | MO            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 2901-2999.9 MHz | FX            | 1M00P0N<br>500KP0N  | 1.1 W (ERP)      |                           |
| 3701-4199 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 3701-4199 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |

## Frequency Information

Greenville (HUNT), TX - NL 33-04-20; WL 96-04-37; MOBILE: Flight 6000 ft AGL, Greenville, TX, within 65 km, centered around

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 4401-4999 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 4401-4999 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | MO            | N0N                 | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5251-5599 MHz   | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | MO            | N0N                 | 19.3 W (ERP)     |                           |

## Frequency Information

Greenville (HUNT), TX - NL 33-04-20; WL 96-04-37; MOBILE: Flight 6000 ft AGL, Greenville, TX, within 65 km, centered around

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 5651-5999.9 MHz | FX            | N0N                 | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | MO            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 5651-5999.9 MHz | FX            | 1M00P0N<br>500KP0N  | 19.3 W (ERP)     |                           |
| 6000-7124 MHz   | MO            | N0N                 | 61 W (ERP)       |                           |
| 6000-7124 MHz   | FX            | N0N                 | 61 W (ERP)       |                           |
| 6000-7124 MHz   | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 6000-7124 MHz   | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 8501-8999 MHz   | MO            | N0N                 | 61 W (ERP)       |                           |
| 8501-8999 MHz   | FX            | N0N                 | 61 W (ERP)       |                           |
| 8501-8999 MHz   | MO            | 1M00P0N             | 61 W (ERP)       |                           |

## Frequency Information

Greenville (HUNT), TX - NL 33-04-20; WL 96-04-37; MOBILE: Flight 6000 ft AGL, Greenville, TX, within 65 km, centered around

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 8501-8999 MHz  | MO            | 500KP0N             | 61 W (ERP)       |                           |
| 8501-8999 MHz  | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9201-9299 MHz  | MO            | N0N                 | 61 W (ERP)       |                           |
| 9201-9299 MHz  | FX            | N0N                 | 61 W (ERP)       |                           |
| 9201-9299 MHz  | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9201-9299 MHz  | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9501-14349 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 9501-14349 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 9501-14349 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 9501-14349 MHz | FX            | 1M00P0N             | 61 W (ERP)       |                           |



## Frequency Information

Greenville (HUNT), TX - NL 33-04-20; WL 96-04-37; MOBILE: Flight 6000 ft AGL, Greenville, TX, within 65 km, centered around

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 9501-14349 MHz  | FX            | 500KP0N             | 61 W (ERP)       |                           |
| 15400-15699 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 15400-15699 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 15400-15699 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 15400-15699 MHz | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 16201-18000 MHz | MO            | N0N                 | 61 W (ERP)       |                           |
| 16201-18000 MHz | FX            | N0N                 | 61 W (ERP)       |                           |
| 16201-18000 MHz | MO            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |
| 16201-18000 MHz | FX            | 1M00P0N<br>500KP0N  | 61 W (ERP)       |                           |

**Special Conditions:**

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) Operation is NOT PERMITTED using the following frequency bands: 608-614 MHz, 756-768 MHz, 799-806 MHz, 1401-1427 MHz, 3000-3649 MHz, 10000-10500 MHz and 15351-15400 MHz.
- (6) Operation must obtain consent from the Advanced Wireless Service licensees prior to operation in 1710-1755 MHz, 1915-1920 MHz, 1995-2000 MHz, 2020-2025 MHz, 2110-2180 MHz.
- (7) Operation is subject to prior coordinate with the local Society Broadcast Engineers, Inc. frequency coordinator and the Fixed Microwave Service licensees before operation in the rest of the proposed frequencies.
- (8) Operation the frequency band 2500-2690 MHz requires consent of affected Education Broadband Service/Broadband Radio service (EBS/BRS) licensees.
- (9) The licensee shall not constrain or limit the present or future growth of non-Federal and Federal radio services in the area of operation. Furthermore, the licensee shall
  - a- Be responsible for remedying RF interference caused to non-Federal and Federal users including terminating transmissions if necessary to resolve interference.
  - b- Maintain a transmission log as a standard operating procedure.
  - c- Periodically check the FCC licensing databases to monitor the authorizations granted in the area of operation.
  - d- Notify appropriate the FCC Field Office(s) of the test locations and duration of operation.
  - e- The stop buzzer for this authorization is Harold Wehrman at 425-234-9643.