

**Cabin Systems
The Boeing Company
8 Locations**

Reference: File Number 0691-EX-ST-2005 – WC9XBQ

06/06/06

Submitted by:
Bertin Koala
FCC Licensing Specialist
The Boeing Company
Frequency Management Services
South Park Complex Bldg 15-01.1
Seattle, WA
P.O. Box 3707 MC: 2T-22
Seattle, WA 98124-2207
206-544-5697 Office
206-544-6592 Fax
866-248-1493 Toll Free

This application is to replace WC9XBQ that will expire on July 2, 2006 with a two year experimental license for the completion of the developmental and research work being done by Boeing Cabin Systems. The work is only for BOEING COMMERCIAL AIRPLANES and IS NOT classified.

Please Refer to the Confidentiality Items Document in file 0691-EX-ST-2005 for non-disclosed information.

Frequencies:

5150 to 5250 MHz FX 100MWXX 220 mW (ERP)
5250 to 5350 MHz FX 100MWXX 220 mW (ERP)
5725 to 5825 MHz FX 100MWXX 220 mW (ERP)
5470 to 5725 MHz FX 100MWXX 220 mW (ERP)

Note: All other technical information and exhibits provided in the original ST application for WC9XBQ such as... test equipment, antenna, locations, antenna height relative to ground, frequencies and modulation apply to this application.

The elevation listed below is for the nearest township, not the actual airfield, so it may be off by a few feet.

Some of the contacts below may change. If the Commission requires updates, Boeing will maintain a current list and make it available.

Locations:

1) Phoenix-Litchfield Airport, Goodyear, (Maricopa County), AZ
10 KMRA of 33° 25' 48"N, 112° 21' 49"W (WGS84/NAD83) Elevation = 963 ft
Contact is TIMCO-Goodyear - John Martin 623-792-1333
Link to location:
<http://www.topozone.com/map.asp?z=12&n=3699805.00006684&e=373233.999998748&datum=nad83&u=7>

2) Marana Air Park, Marana, (Pinal County), AZ
10 KMRA of 32° 30' 42"N, 111° 19' 11"W (WGS84/NAD83) Elevation = 1992 ft
Contact is Evergreen - Dave Querio 520-682-4181
Link to location:
<http://www.topozone.com/map.asp?z=12&n=3597207&e=469964&s=100&size=l&u=6&datum=nad83&layer=DRG25>

3) Mojave Airport, Mojave, (Kern County), CA
10 KMRA of 35° 03' 24"N, 118° 09' 26"W (WGS84/NAD83) Elevation = 2757 ft
Contact is AVTEL - Vern Alexander 661-824-4517
Link to location:
<http://www.topozone.com/map.asp?z=11&n=3879959&e=394463&s=100&size=m&u=6&datum=nad83&layer=DRG25>

4) George Air Force Base, Victorville, (San Bernardino County), CA
10 KMRA of 34° 35' 16"N, 117° 22' 31"W (WGS84/NAD83) Elevation = 2715 ft
Contact is Pratt & Whitney - Steve White 760-403-8451
Link to location:
<http://www.topozone.com/map.asp?z=11&n=3827405&e=465576&s=100&size=m&u=6&datum=nad83&layer=DRG25>

5) Roswell Industrial Air Center Airport, Roswell, (Chaves County), NM
10 KMRA of 33° 24' 24"N, 104° 32' 36"W (WGS84/NAD83) Elevation = 3573 ft
Contact is American Airlines - David Vaughn 918-292-2025
Link to location:
<http://www.topozone.com/map.asp?z=13&n=3696469.0000798&e=542467&datum=nad83&u=6>

6) Boeing Field, Seattle, (King County), WA
10 KMRA of 47° 32' 20"N, 122° 18' 46"W (WGS84/NAD83) Elevation=15 ft
Contact is Boeing - Don Schultz 425-239-9674
Link to location
<http://www.topozone.com/map.asp?z=10&n=5265278.00017739%20&e=551707.000000014&u=6&datum=nad83>

7) Paine Field, Everett, (Snohomish County), WA
10 KMRA of 47° 54' 43"N, 122° 16' 20"W (WGS84/NAD83) Elevation=583 ft
Contact is Boeing - Don Schultz 425-239-9674
Link to location
<http://www.topozone.com/map.asp?lat=47.91194444444444&lon=-122.2722222222222&datum=nad83&u=6>

8) Network Lab Building, Redmond (King County), WA
Fixed 47° 38' 44.3"N, 122° 07' 55.5"W (WGS84/NAD83) Elevation=211 ft
Contact is Boeing - Don Schultz 425-239-9674
Link to location
<http://www.topozone.com/map.asp?latd=47.&latm=38&lats=44&lond=122&lonm=7&lons=55.5&datum=nad83&u=6>

Period of Research and Development

Boeing has not completed the work and requests that a two year experimental license be authorized from July 03, 2006 to July 03, 2008 or two years from the grant date.
