

**Special Temporary Authority to Experimental License
Cabin Systems
The Boeing Company
7 Locations**

Reference: File Number 0295-EX-ST-2004 – WB9XXK

9/23/04

Submitted by:

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This application is to upgrade WB9XXK from ST to PL is only for BOEING
COMMERCIAL AIRPLANES and IS NOT classified.

Refer to the Confidentiality Items Document 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 such as... test equipment, antennas, original location at Everett WA, antenna height relative to ground, frequencies and modulation apply to this PL application.

The purpose of this PL application is to continue testing with suppliers for research and development.

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=47.9119444444444&lon=-122.272222222222&datum=nad83&u=6>

Period of Research and Development

Boeing requests that the PL be authorized from November 20, 2004 to November 20, 2006.
