

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WC9XCX

(Call Sign)

XD MO

(Class of Station)

0144-EX-ST-2005

(File Number)

NAME The Boeing Company

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Testing and demonstration of an airborne picocell system on aircraft and on the ground in Kent and Seattle, WA.

Station Locations

(1) MOBILE: CONUS

Frequency Information

MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824.04-848.97 MHz	MO	1M25F9W 270KGXW	0.242 W (ERP)	
824.04-848.97 MHz	FX	1M25F9W 270KGXW	1.211 W (ERP)	
869.04-893.97 MHz	FX	1M25F9W	0.061 W (ERP)	

This authorization effective March 21, 2005 and
will expire 3:00 A.M. EST September 21, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869.04-893.97 MHz	FX	270KGXW	0.061 W (ERP)	
869.04-893.97 MHz	MO	1M25F9W 270KGXW	0.061 W (ERP)	
1850-1910 MHz	MO	1M25F9W 270KGXW	0.242 W (ERP)	
1850-1910 MHz	FX	270KGXW 1M25F9W	0.607 W (ERP)	
1930-1990 MHz	FX	1M25F9W 270KGXW	0.061 W (ERP)	
1930-1990 MHz	MO	270KGXW 1M25F9W	0.061 W (ERP)	

Special Conditions:

- (1) Licensee is solely responsible for all equipment and operations independent of authorized Part 22 and 24 service licensees.
- (2) Pico cell operations shall not cause interference to licensed services and are subject to immediate shut down until any interference issues are resolved.
- (3) Licensee shall file a progress report at the end of the 6 month STA term and also submit a report of findings into the record of the Commission proceeding WT Docket 04-435.
- (4) Testing is authorized as a temporary pico cell experiment under the authority of Part 5 of the Commission rules and does not constitute a waiver of Section 22.925 of the Commission rules.