

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

EXPERIMENTAL

(Nature of Service)

WD9XOF

(Call Sign)

XT MO

(Class of Station)

0515-EX-ST-2008

(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:

The purpose of this experimental operation is to analyze any effects that the cellular communications system operation may have during flight and during auto-land operations.

Station Locations

- (1) MOBILE: Glasgow, MT, within 40 km, centered around NL 48-25-18; WL 106-31-42
- (2) MOBILE: Klamath Falls, OR, within 40 km, centered around NL 42-09-22; WL 121-43-59
- (3) MOBILE: International Airspace, minimum 50 miles off the US Washington/Oregon coast

Frequency Information

MOBILE: Glasgow, MT, within 40 km, centered around NL 48-25-18; WL 106-31-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	300KG7W	2 W (ERP)	
880-915 MHz	MO	300KG7W	2 W (ERP)	

This authorization effective December 15, 2008 and
will expire 3:00 A.M. EST June 16, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Glasgow, MT, within 40 km, centered around NL 48-25-18; WL 106-31-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	MO	300KG7W	1 W (ERP)	
1850-1910 MHz	MO	300KG7W	1 W (ERP)	

MOBILE: Klamath Falls, OR, within 40 km, centered around NL 42-09-22; WL 121-43-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	300KG7W	2 W (ERP)	
880-915 MHz	MO	300KG7W	2 W (ERP)	
1710-1785 MHz	MO	300KG7W	1 W (ERP)	
1850-1910 MHz	MO	300KG7W	1 W (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
880-915 MHz	MO	300KG7W	2 W (ERP)	
1710-1785 MHz	MO	300KG7W	1 W (ERP)	
1850-1910 MHz	MO	300KG7W	1 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) All aircrafts participating in this experiment shall be US-registered vessels.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Loren Ayotte at 425-647-5011.
- (5) Operation is NOT permitted on the frequency band 1710 MHz to 1785 MHz in the Glasgow, MT area due to cause harmful interference to federal operations.
- (6) Operation is NOT permitted on the frequency band 1755 MHz to 1785 MHz in all other areas.