

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

EXPERIMENTAL

(Nature of Service)

XE FX MO

(Class of Station)

WD2XJS

(Call Sign)

0681-EX-ST-2004

(File Number)

NAME Boeing Company, The

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:

Boeing will be performing a Ground Compatibility Test of a Boeing 737-700 aircraft that has a Multiple Role Electronically Scanned Array (MESA) Radar installed.

Station Locations

- (1) Victorville, CA - NL 34-35-42; WL 117-23-24; MOBILE: Southern California Logistics Airport, at temporarily fixed locations, within 5 km, centered around NL 34-35-42; WL 117-23-24

Frequency Information

Victorville, CA - NL 34-35-42; WL 117-23-24; MOBILE: Southern California Logistics Airport, at temporarily fixed locations, wi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
0.1 MHz	MO	10K0P0N	0.01 W (Output Power)	
75 MHz	MO	6K00A2A	0.01 W (Output Power)	

This authorization effective December 10, 2004 and
will expire 3:00 A.M. EST March 10, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Victorville, CA - NL 34-35-42; WL 117-23-24; MOBILE: Southern California Logistics Airport, at temporarily fixed locations, wi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
108 MHz	MO	20K0A9W	0.01 W (Output Power)	
108.05 MHz	MO	20K0A9W	0.01 W (Output Power)	
108.1 MHz	MO	6K00A9W	0.01 W (Output Power)	
108.15 MHz	MO	6K00A9W	0.001 W (ERP)	
334.55 MHz	MO	300HA1N	0.001 W (ERP)	
334.7 MHz	MO	300HA1N	0.004 W (Output Power)	
978 MHz	MO	2M00M1A	0.003 W (Output Power)	
979 MHz	MO	2M00M1A	0.003 W (Output Power)	
1030 MHz	MO	12M0M1D	0.003 W (Output Power)	
1090 MHz	MO	6M40V7D	0.018 W (Output Power)	

Frequency Information

Victorville, CA - NL 34-35-42; WL 117-23-24; MOBILE: Southern California Logistics Airport, at temporarily fixed locations, wi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1104 MHz	MO	12M0M1D	0.003 W (Output Power)	

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) Stop buzzer POC during the testing required for this operation is:
Wayne Taylor, at the Victorville Tower. Phone: 760-246-7827.
This information was provided to NOCC Spectrum Specialist via email at
7-AWA-ASR100-NOCC@faa.gov .
- (3) Licensee shall use PRR/PRF 118 for testing on 1030 MHz and 1090 MHz. MODE 4 IS NOT AUTHORIZED.
- (4) Licensee is permitted to use PRR/PRF 235 on 1030 MHz and 1090 MHz with coordination with the Air Force and Navy. This PRR is being used at March ARB, Moreno Valley, CA, and Naval Base Point Loma, San Diego, CA. MODE 4 IS NOT AUTHORIZED ON EITHER FREQUENCY OR PRR/PRF.
- (5) The maximum power authorized on the frequencies 108.15 MHz and 334.55 MHz is 1 milliwatt (Peak ERP). All the other NAVAID frequencies are approved as requested.