

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL
(Nature of Service)

WI2XRU
(Call Sign)

XT FX MO
(Class of Station)

0085-EX-CM-2017
(File Number)

NAME The Boeing Company

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(H) of the Commission's Rules

Station Locations

- (1) Tucson (PIMA), AZ - NL 32-07-41; WL 110-56-55; MOBILE: Air National Guard Hangar Tarmac, Tucson, AZ, within 29 km, centered around NL 32-07-41; WL 110-56-55
- (2) Alamogordo (OTERO), NM - NL 32-51-29; WL 106-05-15; MOBILE: Holloman Air Force Base Hangar 1080 Tarmac, Alamogordo, NM, within 29 km, centered around NL 32-51-29; WL 106-05-15

Frequency Information

Tucson (PIMA), AZ - NL 32-07-41; WL 110-56-55; MOBILE: Air National Guard Hangar Tarmac, Tucson, AZ, within 29 km, cer

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2395 MHz	MO		2.43325 W (ERP)	
		495KG1D		
		989KG1D		
		1M98G1D		
		3M96G1D		
		8M16G1D		
		9M66G1D		
		15M8G1D		
		19M3G1D		
		2M97G1D		
		6M12G1D		
		7M25G1D		

This authorization effective March 27, 2017 and
will expire 3:00 A.M. EST March 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tucson (PIMA), AZ - NL 32-07-41; WL 110-56-55; MOBILE: Air National Guard Hangar Tarmac, Tucson, AZ, within 29 km, cer

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2395 MHz	MO	11M9G1D 14M5G1D 23M2G1D 32M4G1D	2.43325 W (ERP)	
4400-4940 MHz	MO	495KG1D 989KG1D 1M98G1D 3M96G1D 8M16G1D 9M66G1D 15M8G1D 19M3G1D 2M97G1D 6M12G1D 7M25G1D 11M9G1D 14M5G1D 23M2G1D 32M4G1D	24.33247 W (ERP)	

Alamogordo (OTERO), NM - NL 32-51-29; WL 106-05-15; MOBILE: Holloman Air Force Base Hangar 1080 Tarmac, Alamogordo

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2395 MHz	MO	495KG1D 989KG1D 1M98G1D 3M96G1D 8M16G1D 9M66G1D 15M8G1D	2.43325 W (ERP)	

Frequency Information

Alamogordo (OTERO), NM - NL 32-51-29; WL 106-05-15; MOBILE: Holloman Air Force Base Hangar 1080 Tarmac, Alamogordo

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2395 MHz	MO	19M3G1D 2M97G1D 6M12G1D 7M25G1D 11M9G1D 14M5G1D 23M2G1D 32M4G1D	2.43325 W (ERP)	
4400-4940 MHz	MO	495KG1D 989KG1D 1M98G1D 3M96G1D 8M16G1D 9M66G1D 15M8G1D 19M3G1D 2M97G1D 6M12G1D 7M25G1D 11M9G1D 14M5G1D 23M2G1D 32M4G1D	24.33247 W (ERP)	

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (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.

Special Conditions:

- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operations must be scheduled as a WSMR Range mission, through the appropriate WSMR Range sponsor prior to operations. Final authorization to radiate shall be contingent upon successful scheduling and de-confliction of spectrum with other area-wide operations.
- (5) Operation is subject to prior coordinate with local Raytheon Missile (Tucson).
- (6) Operation is subject to coordination with the area frequency coordinator,
STATE OF ARIZONA,
ATTN: SFISFAC-SH,
FT. HUACHUCA, AZ 85613-5000,
PHONE: (520) 538-6423;
FAX (520) 538-8525; DSN 879-6423
- (7) Operation is subject to coordination with the area frequency coordinator located at White Sands Missile Range, New Mexico, prior to use in the state of New Mexico or other U.S. territory within 240 km radius of WSMR plus the area of Utah and Colorado that lies south of 41 North and between 108 and 111 West.
- (8) Use of this frequency or band under the authority of this assign is subject to further coordination with the Area Frequency Coordinator, WSMR, New Mexico, as necessary to ensure compatibility with the existing uses.
- (9) Stop Buzzers, Lester Houston III 314-234-0621/314-443-8665 and James Belt 314-777-9113/314-614-5091.