Global Spectrum Management: M/C 1K-105, P.O. Box 3707, Seattle, WA 98124-2207,

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

EXPERIMENTAL	WK2XQJ
(Nature of Service)	(Call Sign)
XT MO	0577-EX-CR-2021
(Class of Station)	(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) MOBILE: China Lake Test Range Location 1, Coso, CA, within 100 km, centered around NL 36-07-43; WL 117-38-05
(2) MOBILE: China Lake Test Range Location 2, Johannesburg, CA, within 100 km, centered around NL 35-24-22; WL 117-39-28
(3) MOBILE: Boeing Building 191 Tarmac, Palmdale, CA, within 29 km, centered around NL 34-38-20; WL 118-05-50

Frequency Information

MOBILE: China Lake Test Range Location 1, Coso, CA, within 100 km, centered around NL 36-07-43; WL 117-38-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2395 MHz	MO		2.433 W (ERP)	
		495KG1D		
		9M66G1D		
		19M3G1D		
4400-4940 MHz	MO		24.332 W (ERP)	
		495KG1D		
		9M66G1D		
		19M3G1D		

This authorization effective January 01, 2022 and will expire 3:00 A.M. EST January 01, 2024

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

MOBILE: China Lake Test Range Location 2, Johannesburg, CA, within 100 km, centered around NL 35-24-22; WL 117-39-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2395 MHz	MO		2.433 W (ERP)	
		495KG1D		
		9M66G1D		
		19M3G1D		
4400-4940 MHz	MO		24.332 W (ERP)	
		495KG1D		
		9M66G1D		
		19M3G1D		

MOBILE: Boeing Building 191 Tarmac, Palmdale, CA, within 29 km, centered around NL 34-38-20; WL 118-05-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2395 MHz	MO		2.433 W (ERP)	
		495KG1D		
		9M66G1D		
		19M3G1D		
4400-4940 MHz	MO		24.332 W (ERP)	
		495KG1D		
		9M66G1D		
		19M3G1D		

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 locations must IFDS schedule via DoD Western AFC prior to operations.

(4) Palmdale location may require additional coordination with Frequency Mgt Edwards AFB.

(5) Stop Buzzers: James Belt at 314-777-9113/ 314-614-5091and Lester Houston at 314-234-0621/ 314-443-8665.

Special Conditions:

(6) Operation is subject to prior coordination with AFTRCC.