

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

EXPERIMENTAL

(Nature of Service)

WD9XKE

(Call Sign)

XT MO

(Class of Station)

0342-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:

This video downlink will support the Scan Eagle Unmanned Aerial Vehicle (UAV) while conducting operations during military exercises on Twentynine Palms Marine Corps installation.

Station Locations

- (1) MOBILE: Airborne up to 10,000 feet flight level, Twentynine Palms, CA, within 35 km, centered around NL 34-28-11; WL 116-05-01

Frequency Information

MOBILE: Airborne up to 10,000 feet flight level, Twentynine Palms, CA, within 35 km, centered around NL 34-28-11; WL 116-05-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2357.5 MHz	MO	16M0F1W	1.22 W (ERP)	
2364.5 MHz	MO	16M0F1W	1.22 W (ERP)	
2370.5 MHz	MO	16M0F1W	1.22 W (ERP)	

This authorization effective September 01, 2008 and
will expire 3:00 A.M. EST March 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne up to 10,000 feet flight level, Twentynine Palms, CA, within 35 km, centered around NL 34-28-11; WL 116-05-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2411 MHz	MO	16M0F1W	1.22 W (ERP)	
2434 MHz	MO	16M0F1W	1.22 W (ERP)	
2453 MHz	MO	16M0F1W	1.22 W (ERP)	
2463 MHz	MO	16M0F1W	1.22 W (ERP)	
2473 MHz	MO	16M0F1W	1.22 W (ERP)	
2486 MHz	MO	16M0F1W	1.22 W (ERP)	
2490 MHz	MO	16M0F1W	1.22 W (ERP)	
2495 MHz	MO	16M0F1W	1.22 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Scheduling required for each usage with Western Area Frequency Coordinator, Telephone (805) 989-1003 or (805) 989-7985, prior to operation.

Special Conditions:

- (4) Licensee should note that some frequencies are exclusive non-government and should take note that permanent assignments in the United States may be difficult to obtain.