

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WH2XET

(Call Sign)

0309-EX-PL-2014

(File Number)

NAME Mirage Systems, Inc

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(j) of the Commission's Rules

Station Locations

(1) MOBILE: Transmitter is located in Helicopter

Frequency Information

MOBILE: Transmitter is located in Helicopter

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406-750 MHz	MO	344MF0N	15.72 W (ERP)	
800-960 MHz	MO	160MF0N	15.72 W (ERP)	
1610-2300 MHz	MO	690MF0N	15.72 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.

This authorization effective August 14, 2014 and
will expire 3:00 A.M. EST August 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Secure consents from the AWS licensees prior to accessing in 1710-1755 MHz, 1915-1920 MHz, 1995-2000 MHz, 2020-2025 MHz, 2110-2180 MHz
- (4) Coordinate with the local SBE frequency coordinator prior to operation in 406-750 MHz and 800-960 MHz
- (5) Coordinate with the Fixed Microwave Service licensees prior to operation in 800-960 MHz
- (6) This frequency assignment in one of the bands 406-750 MHz and 1610-2300 MHz must be coordinated with Western Area Frequency Coordinator (WAFC) at (760) 939-6948.
- (7) Antenna height not to exceed 500 ft AGL.
- (8) Operation is limited within the coordinates indicated:
Center 35 39 16.8 -117 27 32.4
NW Corner 35 40 5.5 -117 29 11.8
NE Corner 35 40 5.5 -117 25 53.0
SE Corner 35 38 28.1 -117 25 53.0
SW Corner 35 38 28.1 -117 29 11.7