

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

EXPERIMENTAL

(Nature of Service)

WK9XAY

(Call Sign)

XT MO

(Class of Station)

0935-EX-ST-2016

(File Number)

NAME L3 Unmanned Systems

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 unmanned aircraft will be participating at the Joint Interagency Field Experimentation (JIFX) event. Our typical operational altitude will be surface to 3000 ft above ground level.

Station Locations

- (1) MOBILE: Camp Roberts, CA, within 10 km, centered around NL 35-45-58; WL 120-47-45

Frequency Information

MOBILE: Camp Roberts, CA, within 10 km, centered around NL 35-45-58; WL 120-47-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2320 MHz	MO	0M60F1D	2 W (ERP)	
2345-2360 MHz	MO	0M60F1D	2 W (ERP)	
2390-2400 MHz	MO	0M60F1D	2 W (ERP)	

This authorization effective August 08, 2016 and August 13, 2016
will expire 3:00 A.M. EST

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Camp Roberts, CA, within 10 km, centered around NL 35-45-58; WL 120-47-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	0M60F1D	1 W (ERP)	
4990-5100 MHz	MO	0M60F1D	1 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) Operation must be consented by all WCS licensees (2305-2320 MHz/2345-2360 MHz) within 50 miles of the test area.
- (3) Operations in the frequency bands 2305-2320 MHz and 2345-2360 MHz must comply with the emission limits set in 47 C.F.R. § 27.53(a) applicable to those bands.
- (4) L3 Unmanned Systems must be aware that develop of a UAS C2 link in the 5000-5100 MHz band is subject to further review and possible limitation by the Federal Aviation Administration.
- (5) Concurrence with this STA does not constitute an endorsement of the current stage of usage and development by FAA.
- (6) Technical characteristics of the proponents' UAS operation must conform to future standards determined by FAA in 5030-5091 MHz.