

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

EXPERIMENTAL

(Nature of Service)

WK9XSF

(Call Sign)

XT FX MO

(Class of Station)

1652-EX-ST-2016

(File Number)

NAME PAE ISR

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:

UAV testing

Station Locations

- (1) Saguache (SAGUACHE), CO - NL 38-05-56; WL 106-10-14; MOBILE: Saguache Airport (04V), within 92 km, centered around NL 38-05-56; WL 106-10-14
- (2) Center (SAGUACHE), CO - NL 37-46-50; WL 106-02-25; MOBILE: Leach Field, within 92 km, centered around NL 37-46-50; WL 106-02-25
- (3) Saguache (SAGUACHE), CO - NL 38-15-55; WL 105-57-00; MOBILE: Valley Grove Airfield, within 92 km, centered around NL 38-15-55; WL 105-57-00

Frequency Information

Saguache (SAGUACHE), CO - NL 38-05-56; WL 106-10-14; MOBILE: Saguache Airport (04V), within 92 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	400KK1D	31.623 W (ERP)	0.005 %
1780-1850 MHz	MO	7M50G1D	708 W (ERP)	0.005 %

This authorization effective January 16, 2017 and
will expire 3:00 A.M. EST July 17, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Saguache (SAGUACHE), CO - NL 38-05-56; WL 106-10-14; MOBILE: Saguache Airport (04V), within 92 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483 MHz	MO	30M0G1D	1259 W (ERP)	0.005 %
4836-4940 MHz	MO	5M00D7W	6310 W (ERP)	0.005 %

Center (SAGUACHE), CO - NL 37-46-50; WL 106-02-25; MOBILE: Leach Field, within 92 km, centered around NL 37-46-50; '

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	400KK1D	31.623 W (ERP)	0.005 %
1780-1850 MHz	MO	7M50G1D	708 W (ERP)	0.005 %
2400-2483 MHz	MO	30M0G1D	1259 W (ERP)	0.005 %
4836-4940 MHz	MO	5M00D7W	6310 W (ERP)	0.005 %

Saguache (SAGUACHE), CO - NL 38-15-55; WL 105-57-00; MOBILE: Valley Grove Airfield, within 92 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	400KK1D	31.623 W (ERP)	0.005 %

Frequency Information

Saguache (SAGUACHE), CO - NL 38-15-55; WL 105-57-00; MOBILE: Valley Grove Airfield, within 92 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1780-1850 MHz	MO	7M50G1D	708 W (ERP)	0.005 %
2400-2483 MHz	MO	30M0G1D	1259 W (ERP)	0.005 %
4836-4940 MHz	MO	5M00D7W	6310 W (ERP)	0.005 %

Special Conditions:

- (1) UAS utilizing the 902-928 MHz and 2400-2483 MHz bands are restricted to altitudes below 400 AGL.
- (2) PAE ISR must notch the following frequencies to avoid harmful interference to Army operation at Fort Carson and Pinon Canyon, Colorado:

M1788	M1798	M1808	M1810	M1818	M1828
M1838					
M1840	M1847	M4865	M4895		