

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

EXPERIMENTAL

(Nature of Service)

WM9XGI

(Call Sign)

XT FX MO

(Class of Station)

0637-EX-ST-2019

(File Number)

NAME Fail-Safe Solutions, LLC

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:

The operation supports a Military training exercise with specific frequency sets.

Station Locations

- (1) Braggs (MUSKOGEE), OK - NL 30-40-15; WL 95-10-13; MOBILE: Within confines of Camp Gruber, Braggs, OK, within 10 km, centered around NL 35-40-15; WL 95-10-13

Frequency Information

Braggs (MUSKOGEE), OK - NL 30-40-15; WL 95-10-13; MOBILE: Within confines of Camp Gruber, Braggs, OK, within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138.5 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
138.5 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
138.65 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %

This authorization effective November 09, 2018 and
will expire 3:00 A.M. EST May 09, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Braggs (MUSKOGEE), OK - NL 30-40-15; WL 95-10-13; MOBILE: Within confines of Camp Gruber, Braggs, OK, within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
139.1 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
139.35 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
139.775 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
140.05 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
140.55 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
140.85 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
141 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
170.125 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
170.55 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
171.25 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %

Frequency Information

Braggs (MUSKOGEE), OK - NL 30-40-15; WL 95-10-13; MOBILE: Within confines of Camp Gruber, Braggs, OK, within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
172.55 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
173.55 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
454.1 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
454.325 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
454.8 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
455.05 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
455.425 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
456.65 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
458 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
459.775 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %

Frequency Information

Braggs (MUSKOGEE), OK - NL 30-40-15; WL 95-10-13; MOBILE: Within confines of Camp Gruber, Braggs, OK, within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
466.05 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
466.75 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
467.85 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
468.25 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
468.55 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
469.375 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
469.75 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %
470.55 MHz	FX	12K5F9E	4.95 W (ERP)	0.0001 %

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) Fail-Safe Solutions, LLC must not exceed 12.5 KHz emission bandwidth for all frequencies requested.

Special Conditions:

- (4) The applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation on 170.125 MHz, 170.55 MHz, 171.25 MHz, 172.55 MHz, 455.05 MHz, 455.425 MHz, and 470.55 MHz.
- (5) The applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - Paging Service licensees in 454 MHz/459 MHz
 - General Aviation Air-Ground Service in 454 MHz/459 MHz
- (6) The STA is already an extension, Fail-Safe Solution, LLC is required to file for a regular experimental application in accordance with the FCC CFR 47 Part 5.61(c).