

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

EXPERIMENTAL

(Nature of Service)

WQ9XXA

(Call Sign)

XT FX MO

(Class of Station)

1217-EX-ST-2020

(File Number)

NAME Cubic ISR 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 is a beam for communications from Aircraft to UAS and or other Aircraft and ground stations.

Station Locations

- (1) Beeville (BEE), TX - NL 28-22-32; WL 97-37-22; MOBILE: , within 160 km, centered around NL 28-22-32; WL 97-37-22
- (2) MOBILE: UTAM COA 28.375636, -97.622913, within 160 km, centered around NL 28-22-32; WL 97-37-22

Frequency Information

Beeville (BEE), TX - NL 28-22-32; WL 97-37-22; MOBILE: , within 160 km, centered around NL 28-22-32; WL 97-37-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14470-14820 MHz	FX	34M3D1D	6840 W (ERP)	14.82 %
15180-15335 MHz	FX	34M3D1D	6840 W (ERP)	14.82 %

This authorization effective October 01, 2020 and
will expire 3:00 A.M. EST April 02, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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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) Cubic ISR Systems must notch out 14.665 GHz and 15.250 GHz +/- 99.5 MHz to avoid interference to ongoing federal operations.
- (4) Stop Buzzer: Jared Olson at 858-775- 9052, jared.olson@cubic.com
- (5) Prior to commencing any operations in the 14.47-14.5 GHz frequency band, the applicant must notify the licensees listed below of its test dates and provide a stop buzzer in case of interference:
Name: Intelsat License LLC Phone Number: 703-559-7848 Fax Number: 703-559-8539
E-Mail: susan.crandall@intelsat.com
Attention: Susan H Crandall