

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WF9XHQ

(Call Sign)

1161-EX-ST-2026

(File Number)

NAME Cubic Secure Communications

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:

Demonstration to validate the performance of the datalink and integration to a UAS platform.
Frequency authorization is required for the ground runs and flight operation dates currently

Station Locations

- (1) Gaithersburg (MONTGOMERY), MD - NL 39-14-39; WL 77-08-52
- (2) MOBILE: Air:0-450ft AGL 1km of W50 Davis Airport
- (3) Dickerson (FREDERICK), MD - NL 39-15-37; WL 77-23-23

Frequency Information

Gaithersburg (MONTGOMERY), MD - NL 39-14-39; WL 77-08-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	FX	56M0G7D	4 W (ERP)	0.00005 %

This authorization effective July 16, 2026 and
will expire 3:00 A.M. ET October 31, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Air:0-450ft AGL 1km of W50 Davis Airport

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483 MHz	MO	56M0G7D	4 W (ERP)	0.00005 %

Dickerson (FREDERICK), MD - NL 39-15-37; WL 77-23-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	FX	56M0G7D	4 W (ERP)	0.00005 %

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) All operations are on a non-interference basis (NIB) and shall not cause harmful interference to, or claim protection from, any other lawfully operating stations. Cubic Defense should be aware that other stations may be licensed on and nearby these frequencies, and if any interference occurs, they will be subject to immediate shut down.
- (3) Cubic Secure Communications must notch out 1806 - 1844 MHz, to protect ongoing federal operations in the requested area.
- (4) Cubic Secure Communications should be aware that other stations may be licensed on these frequencies and if any interference occurs, Cubic Secure Communications may be subject to immediate shut down.
- (5) STOP Buzzer: Kevin Chen
858-342-0752
kevin.Chen@cubic.com
- (6) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered