

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL

(Nature of Service)

WA8XAY

(Call Sign)

XT FX MO

(Class of Station)

1151-EX-ST-2026

(File Number)

NAME Enigma Aerospace, Inc.

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:

Enigma Aerospace will conduct research and development flight testing of an autonomous fixed-wing UAS platform within the defined operational area and altitude limits of Devens RFTA.

Station Locations

- (1) Lancaster (WORCESTER), MA - NL 42-29-38; WL 71-40-21; MOBILE: DoW installation(Devens RFTA), within 2 km, centered around NL 42-29-38; WL 71-40-21

Frequency Information

Lancaster (WORCESTER), MA - NL 42-29-38; WL 71-40-21; MOBILE: DoW installation(Devens RFTA), within 2 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	500KF1D	2000 mW (ERP)	0.002 %
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2.4-2.4835 GHz	MO	1M00F1D	25 mW (ERP)	0.002 %

This authorization effective July 13, 2026 and
will expire 3:00 A.M. EST December 31, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Lancaster (WORCESTER), MA - NL 42-29-38; WL 71-40-21; MOBILE: DoW installation(Devens RFTA), within 2 km, centerex

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2.4-2.4835 GHz	FX	1M00F1D	25 mW (ERP)	0.002 %

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) Prior to commencing any operations in the 902-928 MHz band, the experimental licensee must obtain consent from Location & Monitoring Service licensees (902-928MHz) within 89 miles of the contours of the testing area.
- (3) Stop Buzzer Contact:
Name: Andrew Sousa
Phone: 7744889956
E-mail: andrew@enigma.aero
- (4) 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.
- (5) Coordinate with the local Society of Broadcast Engineers Frequency Coordinator in the proposed areas prior to operation in the frequency range from 2450 MHz to 2483.5 MHz.
- (6) Coordinate with the Fixed Microwave Service licensees in the proposed venues prior to operation in the frequencies from 2450 MHz to 2483.5 MHz.