

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WA8XBO

(Call Sign)

1346-EX-ST-2026

(File Number)

NAME Elta North America

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:

US Army demonstration and testing of emerging sensors for detection and tracking of drones, UAS and other airborne objects. Additional sites allows for pre-event testing and calibration

Station Locations

- (1) Grayling (CRAWFORD), MI - NL 44-37-15; WL 84-47-54; MOBILE: Ranges 7-15, Grayling, MI, within 5 km, centered around NL 44-37-15; WL 84-47-54
- (2) Ridgely (CAROLINE), MD - NL 38-58-08; WL 75-51-50

Frequency Information

Grayling (CRAWFORD), MI - NL 44-37-15; WL 84-47-54; MOBILE: Ranges 7-15, Grayling, MI, within 5 km, centered around I

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.805-10 GHz	FX	10M0P0N	4450 W (ERP)	

This authorization effective July 16, 2026 and
will expire 3:00 A.M. ET January 01, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Ridgely (CAROLINE), MD - NL 38-58-08; WL 75-51-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.805-10 GHz	FX	10M0P0N	4450 W (ERP)	

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) Directed energy / jamming / electronic attack / spoofing / emulating operations are not authorized and must be submitted under an EA application with NTIA.
- (3) At the Ridgely, MD location:
When conducting active emission operations at the Ridgely, MD location, Elta North America must ensure that the antenna boresight is never directed within 10 degrees of the vector between the transmitter and the point on Earth's surface located at coordinates 39° 01' 19" N, 076° 49' 38" W whenever there is direct line-of-sight to that location, without concurrence from NASA/GSFC Spectrum Management Office at NASA-DL-GSFC-SPECTRUM-MANAGEMENT@MAIL.NASA.GOV at least (3) days prior to activation.
- (4) ELTA North America POC is:
Emmanuel Ihedinmah
Radar Systems Engineer
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202.487.0830

Stephen Norman
Principle Engineer
snorman@elta-na.com
817.897.2055
- (5) 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.
- (6) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: amended condition # 3