

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WA8XEE

(Call Sign)

1372-EX-ST-2026

(File Number)

NAME Raytheon Company

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:

These radios are designed with low gain antennas, which are being tested to determine how well they control the group of UASs in flight and how effectively they deliver information back to a

Station Locations

- (1) Tucson (PIMA), AZ - NL 32-05-30; WL 110-56-47; MOBILE: Tucson, AZ, within 4 km, centered around NL 32-05-30; WL 110-56-47
- (2) Eloy (PIMA), AZ - NL 32-48-23; WL 111-35-10; MOBILE: Eloy, AZ, within 30 km, centered around NL 32-48-23; WL 111-35-10
- (3) Yuma Proving Grounds (PIMA), AZ - NL 32-52-03; WL 114-23-33; MOBILE: Yuma Proving Grounds, AZ, within 50 km, centered around NL 32-52-03; WL 114-23-33
- (4) Florence (PIMA), AZ - NL 33-07-04; WL 111-21-15; MOBILE: Florence, AZ, within 10 km, centered around NL 33-07-04; WL 111-21-15

Frequency Information

Tucson (PIMA), AZ - NL 32-05-30; WL 110-56-47; MOBILE: Tucson, AZ, within 4 km, centered around NL 32-05-30; WL 110-56-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
432-436 MHz	MO	25K0F1D	87 mW (ERP)	

This authorization effective July 31, 2026 and
will expire 3:00 A.M. ET February 01, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Eloy (PIMA), AZ - NL 32-48-23; WL 111-35-10; MOBILE: Eloy, AZ, within 30 km, centered around NL 32-48-23; WL 111-35-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
432-436 MHz	MO	25K0F1D	87 mW (ERP)	

Yuma Proving Grounds (PIMA), AZ - NL 32-52-03; WL 114-23-33; MOBILE: Yuma Proving Grounds, AZ, within 50 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
432-436 MHz	MO	25K0F1D	87 mW (ERP)	

Florence (PIMA), AZ - NL 33-07-04; WL 111-21-15; MOBILE: Florence, AZ, within 10 km, centered around NL 33-07-04; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
432-436 MHz	MO	25K0F1D	87 mW (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) 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.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number W9124P-19-9-0001. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.