

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

EXPERIMENTAL

(Nature of Service)

WO9XOT

(Call Sign)

XT MO

(Class of Station)

0965-EX-ST-2019

(File Number)

NAME Elbit Systems of 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:

To demonstrate ESA capabilities for the dismounted soldier

Station Locations

(1) MOBILE: Bryan, TX, within 3 km, centered around NL 30-37-59; WL 96-28-59

Frequency Information

MOBILE: Bryan, TX, within 3 km, centered around NL 30-37-59; WL 96-28-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
225-500 MHz	MO	200KF2D	4 W (ERP)	1 %

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) 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.

This authorization effective July 14, 2019 and
will expire 3:00 A.M. EST July 20, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Licensee shall prior coordinate with the local Society of Broadcast Engineers frequency coordinator to protect the Broadcast Auxiliary Service operations.
- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
Paging Service licensees in 454 MHz/459 MHz
General Aviation Air-Ground Service in 454 MHz/459 MHz
- (5) The authorized station must be in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules.
- (6) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (7) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (8) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (9) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (10) Elbit Systems of America must notch out the following (+/- 5 kHz): 401.7115 MHz
- (11) Elbit Systems of America must notch out the following (+/- 12.5 kHz): 406.9125 MHz, 410.600 MHz, 415.9125 MHz, 419.600 MHz,
- (12) Elbit Systems of America must notch out the following (+/- 25 kHz): 326.150 MHz, 379.050 MHz, 410.075 MHz
- (13) Elbit Systems of America must notch out the following (+/- 600 kHz): 230.875 MHz and 325.500 MHz