

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

EXPERIMENTAL

(Nature of Service)

WK9XLT

(Call Sign)

XT FX MO

(Class of Station)

1376-EX-ST-2016

(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:

U.S. Army C4i division at APG has requested Elbit Systems of America provide a demonstration of communications capabilities via a live operational demo.

Station Locations

- (1) Aberdeen (HARFORD), MD - NL 39-28-42; WL 76-09-51; MOBILE: Aberdeen Proving Ground, MD, within 70 km, centered around NL 39-28-42; WL 76-09-51

Frequency Information

Aberdeen (HARFORD), MD - NL 39-28-42; WL 76-09-51; MOBILE: Aberdeen Proving Ground, MD, within 70 km, centered ar

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.5-29.999 MHz	MO	3K00F3D 24K0F3D	246.553 W (ERP)	75 %
30-88 MHz	MO	25K0F9W	4.99999 W (ERP)	50 %

This authorization effective November 13, 2016 and
will expire 3:00 A.M. EST November 18, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Aberdeen (HARFORD), MD - NL 39-28-42; WL 76-09-51; MOBILE: Aberdeen Proving Ground, MD, within 70 km, centered ar

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
381-512 MHz	FX	1M00F9W	49.99 W (ERP)	50 %
381-512 MHz	FX	200KF9F	1.999 W (ERP)	50 %
1401-1434 MHz	FX	125KF9W	19.99 W (ERP)	50 %
2392-2690 MHz	FX	125KF9W	19.99 W (ERP)	50 %

Special Conditions:

- (1) The following bands must not be utilized to protect FAA operations:

74.4-75.6 MHz
 2850 – 3025 KHz
 3400 – 3500 KHz
 4650 – 4700 KHz
 5450 – 5680 KHz
 6525 – 6685 KHz
 8815 – 8965 KHz
 10005 – 10100 KHz
 11275 – 11400 KHz
 13260 – 13360 KHz
 17900 – 17970 KHz
 21924 – 22000 KHz

- (2) The following frequencies must be notched +/- 25 KHz to protect FAA air operations:

388.2 MHz
 391.9 MHz
 409.050 MHz
 409.175 MHz
 409.600 MHz
 410.300 MHz
 412.9375 MHz
 413.1125 MHz

Special Conditions:

- (3) Elbit must not utilize the band M381- M413.35 to avoid interference with the Air Force trunking system in the area.
- (4) ITU Regulations, Appendix 15, provides protection for Global Maritime Distress and Safety System (GMDSS). The Coast Guard currently operates on the following frequencies below ISO of GMDSS operations and require protection +/- 6 KHz from interference:

K4126.4	K4207.5	K6216.4	K6268.0
K8292.4	K8414.5	K12291.4	K12520.0
K12577.0	K16421.4	K16695.0	K16804.5

- (5) The below frequencies are used for Search and Rescue and must be protected +/- 6 KHz from any possible interference:

K5681.4
K5681.4

- (6)
- (7) Elbit must not utilize the following frequencies because they are utilized to broadcast vital weather information to Coast Guard units:

K3389.0
K9110.0
K9169.0