

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

EXPERIMENTAL

(Nature of Service)

WL9XFE

(Call Sign)

XT FX MO

(Class of Station)

0523-EX-ST-2017

(File Number)

NAME Lockheed Martin Corporation

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 conduct testing of an aerostat transmitter and radar system in preparation for technology demonstration in connection with a possible Department of Homeland Security (DHS)/Customs

Station Locations

- (1) Akron (SUMMIT), OH - NL 41-01-44; WL 81-28-15; MOBILE: Akron, OH, within 1 km, centered around NL 41-01-44; WL 81-28-15

Frequency Information

Akron (SUMMIT), OH - NL 41-01-44; WL 81-28-15; MOBILE: Akron, OH, within 1 km, centered around NL 41-01-44; WL 81-2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
436-440 MHz	MO	530KF1D	5 W (ERP)	
9500-9700 MHz	FX	828KP0N 414KP0N 1M66P0N 3M31P0N 6M63P0N 6M63Q1N	20 kW (ERP)	

This authorization effective May 15, 2017 and
will expire 3:00 A.M. EST August 16, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Akron (SUMMIT), OH - NL 41-01-44; WL 81-28-15; MOBILE: Akron, OH, within 1 km, centered around NL 41-01-44; WL 81-2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9500-9700 MHz	FX	9M43Q1N	20 kW (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.