

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

EXPERIMENTAL

(Nature of Service)

WN9XAY

(Call Sign)

XT FX MO

(Class of Station)

1224-EX-ST-2018

(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 and demonstration of an aerostat transmitter and radar system for Department of Homeland Security (DHS)/Customs and Border Patrol (CPB) stakeholders.

Station Locations

- (1) South Padre Island (CAMERON), TX - NL 26-04-26; WL 97-09-53; MOBILE: South Padre Island, TX, within 1 km, centered around NL 26-04-26; WL 97-09-53

Frequency Information

South Padre Island (CAMERON), TX - NL 26-04-26; WL 97-09-53; MOBILE: South Padre Island, TX, within 1 km, centered at

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-440 MHz	MO	530KF1D	5 W (ERP)	
420-440 MHz	MO	620KF3D	20 W (ERP)	
9500-9700 MHz	FX	828KP0N 414KP0N	20 kW (ERP)	

This authorization effective August 05, 2018 and
will expire 3:00 A.M. EST December 06, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

South Padre Island (CAMERON), TX - NL 26-04-26; WL 97-09-53; MOBILE: South Padre Island, TX, within 1 km, centered at

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9500-9700 MHz	FX	1M66P0N 3M31P0N 6M63P0N 6M63Q1N 9M43Q1N	20 kW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Lockheed Martin Corporation must ensure that there is No secondary radar/IFF allowed with this operation.
- (4) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.