

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

EXPERIMENTAL

(Nature of Service)

WH9XEJ

(Call Sign)

XT MO

(Class of Station)

1135-EX-ST-2013

(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 test antennas.

Station Locations

(1) MOBILE: Moorestown, NJ, within 1 km, centered around NL 39-58-55; WL 74-54-45

Frequency Information

MOBILE: Moorestown, NJ, within 1 km, centered around NL 39-58-55; WL 74-54-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3-30 MHz	MO	10K0N0N	15 W (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) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.

This authorization effective January 14, 2014 and
will expire 3:00 A.M. EST July 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) 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.

Special Conditions:

(4) Lockheed Martin must notch out the following frequencies in kHz:

a) Distress Frequencies

3024.4,
4126.4, 4177.5, 4207.5, 4427.4,
5681.4,
6216.4, 6268.0, 6312.0 6502.4, 6517.4
8292.4, 8414.5, 8765.4,
12520.0, 12291.4, 12577.0,
13114.4,
16421.4, 16695.0, 16804.5,
17315.4

b) Air/Ground/Air Communications

3054.4, 3057.4, 3123.4,
4572.5, 4731.4, 4734.4, 4821, 4902, 4965
5108, 5694.4, 5697.4, 5885, 5943.5,
6710.4, 6743.4,
7630.5, 7669.5, 7736, 7743, 7747, 7775, 7793, 7821
8984.4,
9035.4, 9038.4,
10540, 10810, 10891, 10918,
11197.4, 11200.4, 11203.4,
12081.5
13219.4, 13222.4, 13434, 13496,
14428.5, 14461, 14953,
15083.4, 15086.4, 15089.4,
16027.5
17989.4, 17992.4,
20247.5, 20330, 20843, 20882.5, 20985,
23074, 23077, 23091, 23094, 23840.5
24228.5, 24793.5,
26582.5, 26640.5,
27590.5, 27920.5

c) Meteorological Air/Ground/Air Communications

10015, 10093,
13267,
17901,
21937

d) HF AM(R)S sub bands:

2850 – 3025
3400 – 3500
4650 – 4700
5450 – 5680
6525 – 6685
8815 – 8965
10005 – 10100
11275 – 11400
13260 – 13360
17900 – 17970

Spec: 21924 – 22000

- (5) 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.