

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

EXPERIMENTAL

(Nature of Service)

WG9XCD

(Call Sign)

XT MO

(Class of Station)

0986-EX-ST-2012

(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:
Desert Hawk SUAS training.

Station Locations

- (1) MOBILE: Ft Benning Test Range, 20 KMRA 32°22'09" N, 084°48'33"W, within 20 km, centered around NL 32-22-09; WL 84-48-33
- (2) MOBILE: Test Range operations 20 KMRA Lat 32°22'06"N, Long 084°48'33"W, within 20 km, centered around NL 32-22-06; WL 84-48-33

Frequency Information

MOBILE: Ft Benning Test Range, 20 KMRA 32°22'09" N, 084°48'33"W, within 20 km, centered around NL 32-22-09; WL 84-48-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1841 MHz	MO	18M0F8W	6.2 W (ERP)	
2275 MHz	MO	18M0F8W	6.2 W (ERP)	

This authorization effective January 16, 2013 and
will expire 3:00 A.M. EST March 02, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Test Range operations 20 KMRA Lat 32°22'06"N, Long 084°48'33"W, within 20 km, centered around NL 32-22-06; WL 84-48-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1719 MHz	MO	18M0F8W	6.2 W (ERP)	
2275 MHz	MO	18M0F8W	6.2 W (ERP)	

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (2) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (3) Prior to activating UAS user must make contact with Ft Benning ISM, Chris Mickey (706-545-1355) or John Darden(706-545-7684) for final air space clearance and at ENDEX to advise the test/demo has been completed and/or an extension is required. Reference coordination number AFMO 120548, 08 Nov 12.
- (4) The Gulf Area Frequency Coordinator (GAFC), 850-883-7535, has implemented a flight level limitation of 5K FT; GAFC 12-593, RM.
- (5) The applicant and the U.S. Army need to be aware the use of the frequency 1719 MHz is in the FCC auction band 1710-1755 MHz and use of that frequency in the United States will not be authorized by NTIA.