

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

EXPERIMENTAL

(Nature of Service)

WS9XSP

(Call Sign)

XT MO

(Class of Station)

1461-EX-ST-2021

(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:

Testing and demonstration of unmanned aircraft communications capabilities for potential customers, including United States Army.

Station Locations

- (1) MOBILE: White Sands Missile Range, NM, within 8.5 km, centered around NL 33-45-05; WL 106-30-49

Frequency Information

MOBILE: White Sands Missile Range, NM, within 8.5 km, centered around NL 33-45-05; WL 106-30-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2242 MHz	MO	20M0D1D	15.3 W (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) The 2212-2232 MHz and 2252-2292 MHz frequency bands shall be excluded from operation due to harmful interference to federal earth station operations at White Sands, NM.

This authorization effective October 18, 2021 and
will expire 3:00 A.M. EST November 26, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Lockheed Martin must coordinate with WSMR Range Control and the Naval Surface Warfare Center, Dahlgren Division (NSWCDD) a minimum of sixty (60) days prior to the flight test, to mitigate harmful interference to Navy/Marine Corps/DoD operations.
 - a. WSMR Range Control - Gary Austin, (575) 678-3311, gary.l.austin.civ@mail.mil, GROUP EMAIL: usarmy.wsmr.imcom-central.list.dodafc@mail.mil
 - b. NSWCDD - Mr. James Moneyhon, (540) 653-3477- james.moneyhon@navy.mil, Mr. A. Jason Verdugo, (540) 653-9590 – Anthony.J.Verdugo@navy.mil, and/or Mr. Phillip B. Scyphers, (540) 653-6071 – Phillip.scyphers@navy.mil. Group email box - W_DLGR_NSWC_FTMA_FM@navy.mil.
- (4) Lockheed Martin Corporation requires providing stop buzzer POC/s to AF (Jimmy.Nguyen@us.af.mil) prior to operations under the authorization of this STA.
- (5) Lockheed Martin Corporation must schedule operations as a WSMR Range Mission, through the WSMR Range Sponsor. Final authority to radiate is contingent upon successful scheduling and deconfliction of both airspace and spectrum with other area operations.