

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WM2XEV

(Call Sign)

XE MO

(Class of Station)

0939-EX-CN-2021

(File Number)

NAME Lockheed Martin Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Within 350 km of Fort Smith AR, within 350 km, centered around NL 35-20-12; WL 94-22-03
- (2) MOBILE: Within 350 km of Holloman AFB, within 350 km, centered around NL 35-51-09; WL 106-06-23
- (3) MOBILE: Within 350 km of Fort Sill, within 350 km, centered around NL 34-40-16; WL 98-23-23

Frequency Information

MOBILE: Within 350 km of Fort Smith AR, within 350 km, centered around NL 35-20-12; WL 94-22-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	MO	6M67M1D 18M1V1D	68.39 W (ERP)	

MOBILE: Within 350 km of Holloman AFB, within 350 km, centered around NL 35-51-09; WL 106-06-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	MO	6M67M1D	68.39 W (ERP)	

This authorization effective November 29, 2021 and
will expire 3:00 A.M. EST December 31, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Within 350 km of Holloman AFB, within 350 km, centered around NL 35-51-09; WL 106-06-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	MO	18M1V1D	68.39 W (ERP)	

MOBILE: Within 350 km of Fort Sill, within 350 km, centered around NL 34-40-16; WL 98-23-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	MO	6M67M1D 18M1V1D	68.39 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required under contract number ALC/17/478. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.

Special Conditions:

- (6) Operation for Fort Smith, AR subject to the following conditions:
- 1) ONLY MODES 3/A, C, AND S ARE AUTHORIZED.
 - 2) FLIGHT TESTING LIMITED TO THE SPECIAL USE AIRSPACE AT FT SMITH.
 - 3) FLIGHT OPS MUST FILE THE FLIGHT PLAN WITH THE LOCAL FAA ATC AGENCIES DAY-OF, PRIOR TO FLIGHT AND ACCEPT ANY RESTRICTIONS.
 - 4) IFF MODE/ SQUAWK WILL BE ASSIGNED DURING TAXI TO THE RUNWAY.
 - 5) AIRCRAFT WILL TRANSIT FROM FT WORTH TO FT SMITH AND UPON COMPLETION OF TESTING, AIRCRAFT WILL RETURN TO FT WORTH.
 - 6) WHILE TRANSITING THE NAS, ONLY MODES 3/A, C, AND S ARE AUTHORIZED AND COORDINATION WITH LOCAL ATC IS REQUIRED. STOP BUZZER KURT MORIAK 817-763-1323 OR 817-676-5880.
- (7) Operation for Holloman AFB, NM subject to the following conditions:
- 1) ONLY MODES 3/A, C, AND S ARE AUTHORIZED.
 - 2) FLIGHT TESTING LIMITED TO THE SPECIAL USE AIRSPACE AT HOLLOMAN AFB.
 - 3) FLIGHT OPS MUST FILE THE FLIGHT PLAN WITH THE LOCAL FAA ATC AGENCIES DAY-OF, PRIOR TO FLIGHT AND ACCEPT ANY RESTRICTIONS.
 - 4) IFF MODE/ SQUAWK WILL BE ASSIGNED DURING TAXI TO THE RUNWAY.
 - 5) AIRCRAFT WILL TRANSIT FROM FT WORTH TO HOLLOMAN AFB AND UPON COMPLETION OF TESTING, AIRCRAFT WILL RETURN TO FT WORTH.
 - 6) PRIOR TO TRANSITING THE NAS, COORDINATION WITH LOCAL ATC IS REQUIRED.
- (8) Operation for Fort Sill, OK subject to the following conditions:
- 1) ONLY MODES 3/A, C, AND S ARE AUTHORIZED.
 - 2) FLIGHT TESTING LIMITED TO THE SPECIAL USE AIRSPACE AT FT SILL.
 - 3) FLIGHT OPS MUST FILE THE FLIGHT PLAN WITH THE LOCAL FAA ATC AGENCIES DAY-OF, PRIOR TO FLIGHT AND ACCEPT ANY RESTRICTIONS.
 - 4) IFF MODE/ SQUAWK WILL BE ASSIGNED DURING TAXI TO THE RUNWAY.
 - 5) AIRCRAFT WILL TRANSIT FROM FT WORTH TO FT SILL AND UPON COMPLETION OF TESTING, AIRCRAFT WILL RETURN TO FT WORTH.
 - 6) PRIOR TO TRANSITING THE NAS, COORDINATION WITH LOCAL ATC IS REQUIRED.