

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

EXPERIMENTAL

(Nature of Service)

WM2XEO

(Call Sign)

XC MO

(Class of Station)

0814-EX-CN-2021

(File Number)

NAME Leidos, Inc.

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: Mobile Airborne Operations Around Bridgewater VA, within 10 km, centered around NL 38-22-00; WL 78-57-37

Frequency Information

MOBILE: Mobile Airborne Operations Around Bridgewater VA, within 10 km, centered around NL 38-22-00; WL 78-57-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.9-8.025 GHz	MO	125KF3D	40 W (ERP)	
8.5-8.9 GHz	MO	400KF3D	40 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.

This authorization effective January 03, 2022 and
will expire 3:00 A.M. EST October 17, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Stop Buzzer POC is David M. West at (423) 836-8325 and Clarence Simpson at (540) 831-0261.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number W15P7T-17-D-0103 . 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.
- (6) Operation is subject to coordination prior to activation and, as appropriate, possible scheduling with National Radio Astronomy Observatory (NRAO), when used within 20 nautical miles of the National Radio Quiet Zone.