

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WP2XTS

(Call Sign)

0092-EX-TC-2026

(File Number)

NAME IMSAR LLC

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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: On aircraft at 10,000 feet MSL or below, within 53 km, centered around NL 34-25-30; WL 119-40-52

Frequency Information

MOBILE: On aircraft at 10,000 feet MSL or below, within 53 km, centered around NL 34-25-30; WL 119-40-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.5-17 GHz	MO	500MF0N	11350 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) IMSAR must not transmit when the aircraft is within 12 nmi of LAX (33°56'33" N, 118°24'29" W).
- (3) When within 123 nmi of LAX, the IMSAR beam must not be pointed within 12° of the bearing to LAX (33°56'33" N, 118°24'29" W).
- (4) Stop buzzer POC: Josh Snook at 801-798-8440, josh.snook@imsar.com

This authorization effective August 11, 2026 and
will expire 3:00 A.M. ET January 01, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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
- (6) Assignments and transfers of control shall be completed within 180 days from the date of authorization. Within 30 days of consummation, the Commission shall be notified by letter of the date of consummation and the file numbers of the applications involved in the transaction.