

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WO9XEX

(Call Sign)

0557-EX-ST-2019

(File Number)

NAME L3 Technologies

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:

Required for demonstrating proof of concept of L3 Technologies equipment combined with military equipment on a US Air Force aircraft.

Station Locations

- (1) MOBILE: a/c, Bangs TX w/in Brownwood MOA, FL 6-17k MSL, within 90 km, centered around NL 31-42-59; WL 99-07-51
- (2) MOBILE: aircraft, Waco TSTC, FL 0-5k ft MSL, within 30 km, centered around NL 31-38-16; WL 97-04-27

Frequency Information

MOBILE: a/c, Bangs TX w/in Brownwood MOA, FL 6-17k MSL, within 90 km, centered around NL 31-42-59; WL 99-07-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.4-17.7 GHz	MO	1G30Q0N 1G30Q3N	61 kW (ERP)	

This authorization effective June 01, 2019 and
will expire 3:00 A.M. EST August 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: aircraft, Waco TSTC, FL 0-5k ft MSL, within 30 km, centered around NL 31-38-16; WL 97-04-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.4-17.7 GHz	MO	1G30Q0N 1G30Q3N	61 kW (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.