

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

EXPERIMENTAL

(Nature of Service)

WJ9XJB

(Call Sign)

XT FX MO

(Class of Station)

0156-EX-ST-2016

(File Number)

NAME Shield Aviation Inc.

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:

Provision of real time video transmission from a remote point via line of site with minimal impact on surrounding RF transmissions.

Station Locations

- (1) Fort Hunter Liggett (SAN DIEGO), CA - NL 35-42-59; WL 120-45-53; MOBILE: Max altitude 12,000 ft. MSL, within 45 km

Frequency Information

Fort Hunter Liggett (SAN DIEGO), CA - NL 35-42-59; WL 120-45-53; MOBILE: Max altitude 12,000 ft. MSL, within 45 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4660 MHz	MO	11M0G2D	3 W (ERP)	0.00002 %
5850 MHz	FX	11M0G2D	3 W (ERP)	0.00002 %

Special Conditions:

- (1) Stop buzzer POC is Richard Mercer (Program Manager) 480-560-1850, backup is Casey Bibbs (Senior Pilot) 808-385-2707.

This authorization effective May 01, 2016 and
will expire 3:00 A.M. EST September 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Department of Transportation has concerns as they have been told airborne operations in this band are not allowed.
- (3) Realizing the this STA request may be for OCONUS operations and testing is required, a one-time authorization maybe appropriate, but continued use may cause interference to surface transportation safety operations.
- (4) Future support of airborne operations in this band may not be guaranteed.