

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

EXPERIMENTAL

(Nature of Service)

WK9XKK

(Call Sign)

XT MO

(Class of Station)

1356-EX-ST-2016

(File Number)

NAME Flying Grounds, 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:

Amateur RC model quadcopter aircraft flying and racing using air to ground 5.8 GHz video transmission systems.

Station Locations

- (1) MOBILE: Open Pastoral fields, Kualoa Ranch, Oahu, Hawaii, within 2 km, centered around NL 21-32-09; WL 157-50-41

Frequency Information

MOBILE: Open Pastoral fields, Kualoa Ranch, Oahu, Hawaii, within 2 km, centered around NL 21-32-09; WL 157-50-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5850 MHz	MO	200MG8D	0.72 W (ERP)	
5650-5850 MHz	MO	200MG8D	2.44 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.

This authorization effective October 15, 2016 and
will expire 3:00 A.M. EST October 24, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) 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.
- (3) The Department of the Navy has no objection to the frequency use as proposed provided Flying Grounds, Inc. stay within the designated Amateur band of 5650 - 5850 MHz.
- (4) Transportation non-concurs with the use of the band above 5850 MHz. Specifically, the band from 5850-5925 MHz is being used for surface transportation safety applications. While the location identified in the STA request will have limited impact to surface transportation, successful testing may lead to operation that will cause significant impacts to these transportation safety applications. For more information see: http://www.its.dot.gov/factsheets/dsrc_factsheet.htm