

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

EXPERIMENTAL

(Nature of Service)

WI2XWX

(Call Sign)

XT MO

(Class of Station)

1703-EX-ST-2018

(File Number)

NAME HawkEye 360, 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:

Launch and early orbit phase (LEOP) communications (space-to-Earth) with the three Pathfinder satellites scheduled to be deployed from the Falcon 9 launch vehicle in November 2018.

Station Locations

- (1) MOBILE: NONGEOSTATIONARY
- (2) MOBILE: NONGEOSTATIONARY
- (3) MOBILE: NONGEOSTATIONARY

Frequency Information

MOBILE: NONGEOSTATIONARY

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2240 MHz	MO	4M00G1D	1.56 W (ERP)	

This authorization effective December 02, 2018 and
will expire 3:00 A.M. EST June 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: NONGEOSTATIONARY

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2246 MHz	MO	4M00G1D	1.56 W (ERP)	

MOBILE: NONGEOSTATIONARY

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2256 MHz	MO	4M00G1D	1.56 W (ERP)	

Special Conditions:

- (1) HawkEye 360, Inc. may not operate in the 2244-2248 MHz band, except as coordinated with NOAA (carmelo.rivera@noaa.gov).
- (2) All transmissions in the band 2200-2290 MHz shall comply with national and international power flux density limits, unless otherwise coordinated and agreed to. PFD analysis and exceedances shall be provided in the FCC application and provided to the NTIA for US Government review.
- (3) HawkEye 360, Inc. shall be aware that future non-federal request for operations in the 2200-2290 MHz band will be considered on a case-by-case basis, and HawkEye 360, Inc. shall have no expectations that future requests will be approved.
- (4) All operations must be pre-coordinated with the NASA Goddard Spaceflight Center Spectrum Manager, Scott Galbraith at 301-286-5089 or vincent.s.galbraith@nasa.gov.
- (5) The STOP BUZZER POC information, for launch operations shall be provided to NTIA (bmitchell@ntia.doc.gov). This phone shall be manned 24/7.
- (6) HawkEye 360, Inc. must coordinate with the Naval Surface Warfare Center, Dahlgren Division (NSWCDD), Mr. James Moneyhon, (540)653-3477, or james.moneyhon@navy.mil, a minimum of 60-days prior to any operations, to mitigate harmful interference to Navy and Marine Corps operations. HawkEye 360, Inc. must also comply with any and all restrictions that may be levied by the Naval Surface Warfare Center, Dahlgren Division (NSWCDD).
- (7) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: changes Special Condition (1).