24 Park Street, Suite 10, Summerville, MA 02143,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WL9XXU
(Nature of Service)	(Call Sign)
XT FX	1489-EX-ST-2017
(Class of Station)	(File Number)

NAME Altaeros Energies 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:
The purpose of this operation is to conduct testing and demonstration of the capabilities and limitations of using a fixed aerostat for FDD-LTE mobile operations in a rural location.

Station Locations
(1) Limestone (AROOSTOOK), ME - NL 46-56-32; WL 76-52-52

Frequency Information

Limestone (AROOSTOOK), ME - NL 46-56-32; WL 76-52-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1950-1965 MHz	FX	5M00D2X	5 W (ERP)	9.2E-6 %
1950-1965 MHz	FX	5M00D2X	125 mW (ERP)	9.2E-6 %

Special Conditions:
(1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.

This authorization effective October 20, 2017 and will expire 3:00 A.M. EST December 01, 2017

FEDERAL COMMUNICATIONS COMMISSION