

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

EXPERIMENTAL

(Nature of Service)

WE9XOE

(Call Sign)

XT MO

(Class of Station)

0465-EX-ST-2010

(File Number)

NAME FreeFlight Systems

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 operation will consist of testing the developmental 978MHz ADS-B transmitter both on the ground and airborne to determine the effectiveness and suitability of the design.

Station Locations

- (1) MOBILE: Airborne transmission in the vicinity of Waco Regional Airport, Milford, TX, within 125 km, centered around NL 32-12-00; WL 97-00-00

Frequency Information

MOBILE: Airborne transmission in the vicinity of Waco Regional Airport, Milford, TX, within 125 km, centered around NL 32-12-00; WL 97-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
978 MHz	MO	6M50M7D	50 W (ERP)	0.00002 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Licensee should use unallocated channel block 32 (time slot).

This authorization effective October 20, 2010 and
will expire 3:00 A.M. EST April 21, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The designated point-of-contact to terminate transmissions if interference occurs is John DeBusk at 817-239-0660.
- (5) Operation is subject to prior coordination with FAA Southwest Regional Office, 4400 Blue Mound, Fort Worth, TX 76193-0483; Attn: Frequency Management Office; Telephone 817-740-3237.