

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

EXPERIMENTAL

(Nature of Service)

WS9XKY

(Call Sign)

XT FX MO

(Class of Station)

1074-EX-ST-2021

(File Number)

NAME Rockwell Collins, 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:

Test of Mode S transponder technology for the FAA. The test aircraft that will be flying within the mobile radius of operations will fly at an altitude no greater than 8,500 feet AGL

Station Locations

- (1) Lake Harbor (PALM BEACH), FL - NL 26-41-51; WL 80-48-43
- (2) Canal Point (PALM BEACH), FL - NL 26-52-01; WL 80-37-41
- (3) Okeechobee (GLADES), FL - NL 26-59-44; WL 81-04-03
- (4) Okeechobee (OKEECHOBEE), FL - NL 27-09-04; WL 80-52-11
- (5) Moore Haven (GLADES), FL - NL 26-49-57; WL 81-05-28
- (6) MOBILE: Lake Okeechobee, FL, within 48 km, centered around NL 26-58-53; WL 80-50-47

Frequency Information

Lake Harbor (PALM BEACH), FL - NL 26-41-51; WL 80-48-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	13M5M1D	500 W (ERP)	0.00138 %

This authorization effective July 26, 2021 and
will expire 3:00 A.M. EST January 14, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Canal Point (PALM BEACH), FL - NL 26-52-01; WL 80-37-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	13M5M1D	500 W (ERP)	0.00138 %

Okeechobee (GLADES), FL - NL 26-59-44; WL 81-04-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	13M5M1D	500 W (ERP)	0.00138 %

Okeechobee (OKEECHOBEE), FL - NL 27-09-04; WL 80-52-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	13M5M1D	500 W (ERP)	0.00138 %

Moore Haven (GLADES), FL - NL 26-49-57; WL 81-05-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	13M5M1D	500 W (ERP)	0.00138 %

Frequency Information

MOBILE: Lake Okeechobee, FL, within 48 km, centered around NL 26-58-53; WL 80-50-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	MO	12M1V1D	269 W (ERP)	0.00026 %

Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (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) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Robert Herring at Tel: (239) 738-9557.