

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC9XUV

(Call Sign)

0286-EX-ST-2007

(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:

Testing the operation of the Rockwell Collins Tactical Data Radio System (TDRS) when it is connected to a wideband antenna.

Station Locations

- (1) Richardson (FREESTONE), TX - NL 32-59-42; WL 96-39-44; MOBILE: 3200 East Renner Road, Richardson, TX 75082, within 10 km, centered around NL 32-59-42; WL 96-39-44

Frequency Information

Richardson (FREESTONE), TX - NL 32-59-42; WL 96-39-44; MOBILE: 3200 East Renner Road, Richardson, TX 75082, with

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
240-326.6 MHz	MO	1M20G7D 1M20G1D	46.624 W (ERP)	
337.4-380 MHz	MO	1M20G1D 1M20G7D	46.624 W (ERP)	

This authorization effective June 21, 2007 and
will expire 3:00 A.M. EST September 20, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Rockwell Collins must notch out the following frequencies +/- 12.5 kHz so that interference is not caused to FAA operations:

243.0000 MHz
245.6000 MHz
251.0500 MHz
251.1500 MHz
252.0000 MHz
253.5000 MHz
254.2750 MHz
254.3000 MHz
255.4000 MHz
257.7000 MHz
257.8000 MHz
257.9000 MHz
257.9250 MHz
257.9500 MHz
263.0250 MHz
263.0750 MHz
263.1500 MHz
265.4000 MHz
266.8000 MHz
268.7000 MHz
269.0000 MHz
269.1500 MHz
269.2000 MHz
269.2500 MHz
269.2750 MHz
269.3750 MHz
269.4500 MHz
269.4750 MHz
269.5000 MHz
269.6000 MHz
270.3000 MHz
271.0000 MHz
273.5250 MHz
273.5500 MHz
273.5750 MHz
279.6500 MHz
281.4500 MHz
281.5000 MHz
281.5250 MHz
282.2000 MHz
282.2750 MHz
282.3000 MHz
282.6000 MHz
284.6000 MHz
284.6500 MHz
285.4500 MHz

Specie

285.5500 MHz
285.6500 MHz
288.2750 MHz
288.3000 MHz
288.3250 MHz
290.2000 MHz
290.2500 MHz
290.3500 MHz
290.4000 MHz
290.4500 MHz
290.5500 MHz
291.7000 MHz
291.7250 MHz
298.8500 MHz
298.9000 MHz
306.2000 MHz
306.3000 MHz
306.9500 MHz
307.1000 MHz
307.1500 MHz
307.2000 MHz
307.2500 MHz
307.3000 MHz
307.3500 MHz
308.4000 MHz
314.0000 MHz
314.0000 MHz
316.0500 MHz
316.1000 MHz
317.4000 MHz
317.5000 MHz
317.5500 MHz
317.7500 MHz
319.1500 MHz
321.3000 MHz
322.4500 MHz
322.4500 MHz
323.0500 MHz
323.1000 MHz
323.2500 MHz
323.3000 MHz
338.2000 MHz
338.3500 MHz
342.2500 MHz
343.6500 MHz
343.6750 MHz
345.0000 MHz
346.2500 MHz
346.3000 MHz
348.6000 MHz

Speci:

348.6500 MHz
350.2000 MHz
350.2500 MHz
350.3500 MHz
351.8500 MHz
351.9000 MHz
351.9500 MHz
352.0000 MHz
352.0500 MHz
353.6500 MHz
353.9500 MHz
353.9500 MHz
354.0500 MHz
354.1250 MHz
354.1500 MHz
360.2000 MHz
360.6000 MHz
360.7000 MHz
360.7500 MHz
360.8500 MHz
363.0500 MHz
363.1000 MHz
363.1500 MHz
363.2500 MHz
364.2000 MHz
364.8000 MHz
370.8500 MHz
370.9500 MHz
371.8500 MHz
371.9000 MHz
372.0000 MHz
377.0500 MHz
377.1000 MHz
379.1500 MHz
379.2500 MHz
379.9000 MHz
380.0000 MHz

(2) Stop Buzzer Phone Numbers/Points of Contact:

Michael Cooper- 972-333-6571 (Cell Phone Number)
Eric O'Hallaran- 972-705-3311 (Office Phone in Test Lab)

(3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.