

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

EXPERIMENTAL

(Nature of Service)

XD      FX MO

(Class of Station)

WC9XUV

(Call Sign)

0676-EX-ST-2006

(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<br>1M20G1D  | 46.624 W (ERP)   |                           |
| 337.4-380 MHz | MO            | 1M20G1D<br>1M20G7D  | 46.624 W (ERP)   |                           |

This authorization effective January 24, 2007 and  
will expire 3:00 A.M. EST June 21, 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  
269.2750 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

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285.5500 MHz  
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  
346.2500 MHz  
346.3000 MHz  
348.6000 MHz

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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.