

Special Temporary Authority Description and Federal Aviation Administration Coordination

Rockwell Collins, Inc. respectfully requests Special Temporary Authority to operate the fixed transmitters described in the application file number referenced above. Rockwell Collins was previously issued an experimental license with the call sign WD2XBJ that included these parameters. This experiment ended in 2009, however, and WD2XBJ has expired. Rockwell Collins now has a need to begin a new series of experiments using these operating parameters as quickly as possible.

Rockwell Collins has started the coordination process for its new experiments with the Federal Aviation Administration, and will submit these coordination records in support of a new experimental license request. In order to meet Rockwell Collins' immediate experimental requirements, however, the FAA has recommended that Rockwell Collins first file this request for Special Temporary Authority. The FAA Spectrum Engineering Services office in Washington DC has confirmed that it will not require additional coordination for this STA provided that Rockwell Collins operates subject to the same conditions previously approved for the WD2XBJ license, a copy of which is attached hereto. Any questions regarding FAA coordination for this STA should be directed to:

Tom Ahn, Spectrum Engineering Services
Federal Aviation Administration
202.493.4909
Thomas.Ahn@faa.gov

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL
(Nature of Service)

WD2XBJ
(Call Sign)

XD FX
(Class of Station)

0036-EX-RR-2007
(File Number)

NAME Rockwell Collins, INC.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(g) of the Commission's Rules

Station Locations

(1) Melbourne (BREVARD), FL - NL 28-05-10; WL 80-38-29

Frequency Information

Melbourne (BREVARD), FL - NL 28-05-10; WL 80-38-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	27M7V1D	630 W (ERP)	

Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Southern Coordinator, Atlanta, GA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Southern Coordinator, Atlanta, GA, as necessary to ensure compatibility with existing uses.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Operation on 1030 MHz is authorized only for the pulse repetition rates of 1 to 52 pulses per second.
- (5) Operation on 1030 MHz is authorized only for a pulse duration of 0.8 microseconds.

This authorization effective May 02, 2007 and will expire 3:00 A.M. EST May 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**

