

FEDERAL COMMUNICATIONS COMMISSION  
Experimental Licensing Branch  
445 12th Street, S.W., Room 7A-321  
Washington, D.C. 20554

June 15, 2011

Attn: John F. Adams  
Raytheon Network Centric Systems  
2620 Flagstone Court  
Shelby, NC 28152

DISMISSED-WITHOUT PREJUDICE

Dear John F. Adams,

This refers to application, File No. 0254-EX-ST-2011, for an experimental authorization.

You are advised that the Commission is unable to grant your application for the facilities requested.

The application was dismissed due to objections from the Federal Aviation Administration (FAA) to this proposed experiment. Based on the following comments from the FAA shown below:

The transmit power for 1030 MHz is wrong and apparently average power. The IFF system in the Eastern Spectrum Office coordination record indicates that the transmit power will be 50 watts and the antenna gain will be 27 dBi. The PRR listed is 220. The resultant transmit ERP is 4 watts, not 0.24 watts as listed in the STA.

The equipment appears to be a transportable variant of the AN/GPN-30 (ASR-11). These requests were apparently coordinated with the FAA Eastern Spectrum Office who provided 2705 and 2780 MHz for the system. If it is indeed an ASR-11 system, The FAA will probably have to add 2706 and 2781 MHz.

The FAA needs to know if the associated Air Traffic Control communication systems in the 118-137 MHz and 225-399.9 MHz band been coordinated for this system.

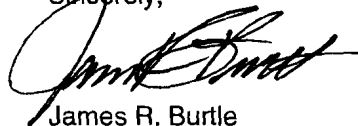
In addition, these types of systems often have a networking requirement.

The Air Force transportable RAPCON facility used Part 15 devices to connect the components. Since transportable RAPCON facilities are used in the NAS, they must have the capability to use non-Part 15 devices for National Airspace Systems (NAS) operations.

More information is needed for system, especially if it is Mode S capable interrogator which would be unacceptable. The FAA requests AFFMA to submit a Stage 2 request to the SPS documenting this system and allowing us to formally comment on the system before a final design is selected.

Responses to this correspondence must contain the Reference number : 14252

Sincerely,

A handwritten signature in black ink, appearing to read "James R. Burtle", written over a horizontal line.

James R. Burtle  
Chief  
Experimental Licensing Branch