

## **PURPOSE OF OPERATION/STOP BUZZER**

### **Purpose of Operation**

As explained in the initial application, BNSF Railway Company (“BNSF”) has been charged with assisting the FAA with research into integration of small unmanned aerial vehicles (“UAVs”) into the National Airspace System. BNSF is studying the innovative use of UAVs to promote safety and security for its railroad right-of-way and infrastructure. BNSF has requested the frequencies in the attached application to experiment with communication between UAV pilots based at ground stations and pilots and airport personnel.

The purpose of the operation is to establish techniques for UAV pilots and observers to communicate via voice radio with other aviation operations. Such communication will promote safe and effective UAV operations. One critical integration requirement has been the ability for BNSF pilots to communicate with other users of the airspace – including control towers, aircraft using advisory frequencies and others operating both ground and air based systems near BNSF’s right of way. The experiment will evaluate tower locations, equipment capabilities, and protocols for safe and secure operations.

### **Stop Buzzer**

The primary stop buzzer phone number is (505) 864-5595. The following backup number is also available: (505) 209-9430. The contact point for this experiment is “Pilot/Communications Officer”.

Should the Commission require additional information, it is asked to contact Greg Kunkle, Keller and Heckman LLP, 1001 G Street NW, Washington, DC, 20001; (202) 434-4178; [kunkle@khlaw.com](mailto:kunkle@khlaw.com) or Tim Doughty, (202) 434-4271; [doughty@khlaw.com](mailto:doughty@khlaw.com).