

Stop Buzzer: Sasha Oster 515-401-8537

Purpose and Description: Collins is experimenting with multiple entities within the Department of War to evaluate a new radio being developed. The radio (for which this FCC license is for) leverages new 5G components and is designed to be a low-probability of detection. These organizations are evaluating these radios to understand their performance for different concepts of operations they may be deployed in. The radio will be tested on fixed and mobile assets to test the range, resiliency, mobile performance, and networking performance. Other testing includes evaluation of the ability to transmit through foliage and other natural terrain. In general, the tests are constructed to test link quality between multiple platforms while platforms are stopped or in motion. Data sources such as video and canned data are used to evaluate the link performance.

Flight Elevation: 27, 000 FT