

Exhibit: Question 5, FAA Antenna Sketch

Two transceivers, mounted on a pair of high altitude balloons (one transceiver on each balloon), will be utilized as part of a federal research contract. The launch point of the balloons/payloads is just north of Sioux Falls, South Dakota. The anticipated area of operation is between 42N to 48N latitude, and 98W to 88W longitude. The altitude of the transceivers will be between 50,000 to 68,000 feet, with a target altitude of approximately 60,000 ft during the float phase, above commercial aviation cruising altitudes. During payload ascent/descent an ADS-B transponder will be active notifying aircraft in the vicinity of the balloon/payload position. Additionally, the flight operations team will be in close communication with FAA officials during critical phases of the flight such as ascent and descent. The transceivers could be active during any phase of the flight. The flight duration is expected to be between 2 to 7 days. However, the transmitter will not be active continuously as the payload will be duty cycled during the flight by the flight control team (determined as necessary due to other factors concerning the flight and therefore not currently known).

