

Addition to STA File Number 0573-EX-ST-2008

Please note that although the application is for transmission from an aircraft centered around a fixed receive location ie at the Start Point position, the intent is for the aircraft to fly along a fixed heading towards the End Point position. Consequently the footprint from the antenna with a $\pm 10^\circ$ 3dB horizontal bandwidth is illustrated in the following diagram.

The diagram illustrates the footprint from a start point (Lat/Lon; $40^\circ 27' 14.89''\text{N}/104^\circ 59' 59.91''\text{W}$) to a distance of 80 miles to an end point (Lat/Lon; $41^\circ 31' 29.42''\text{N}/105^\circ 34' 21.25''\text{W}$).

The track of the aircraft could be adjusted if necessary to minimize any potential interference.

