

Aerostar is applying for a STA to conduct experimental flight with C-band radios in the Texarkana area. This is to test high altitude networks. We expect the test flight to occur between March 25<sup>th</sup> and April 25<sup>th</sup>, and last for approximately 1-2 weeks in that span.

Details of radios:

The radios on the HAB flights are C-band radios which can be tuned to a 20MHz band to transmit within the 4400-4940MHz frequency range. It has been determined in the past that the best course of action is to request authorization for the entire band, with the intention that only one 20MHz band would be required per flight and could be determined by local frequency managers. Prior to flight, we can pre-coordinate and deconflict with other participants in our demonstrations, or other area license holders.

A separate exhibit has been attached to the application that gives details on the directional ground station antenna that will provide comms to the HAB from the command center.

We stand by for questions or requests from other federal license holders to deconflict as necessary.

Respectfully

Mitchell Heilman  
Flight Engineering Team Lead  
Aerostar International