

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. For this test, we will need two separate 20 MHz bands. The bands will need to be sufficiently apart from each other to not cause interference, and one band will need to be between 4800-4900 MHz. Prior to flight, we can pre-coordinate and deconflict with other participants in our demonstrations, or other area license holders. In previous STAs Aerostar holds the DoD had recommended 4540-4560MHz and 4640- 4700MHz as the best bands to use for HAB flights, after auditing C-band use in the area.

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

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