Exhibit

Details of Program and CONOP

Aerostar's STA request for 4400-4940 MHz is in relation to high altitude balloon (HAB) flights supporting development and flight demonstration under a federal contract. The HAB will act as a relay between a ground station and a UAS. The tests are expected to take place in the first weeks of March 2024 off the coast. These tests are being performed under the Defense Innovation Unit Contract Number HQ08452190041.

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, one for communication from the ground station to the balloon, and one for communication from the balloon to the UAS. 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

Mitchell Heilman
Flight Engineering Team Lead
Aerostar International