

The test will involve a ground test at the Ellington Field airport to make sure equipment is working correctly. Followed by a flight test when the WB-57 is over the UTAM COA. NASA's WB-57 once airborne and executing the flight plan over the Gulf of Mexico will energize the Beam form antenna and thus connect with the ground station located at Chase Field (TX2) or possibly a fixed ground site located at Ellington field (Airport ID EFD, Filed as a separate STA) Both Airports will be a fixed beam antenna located off the taxiway. It will be connecting to the WB-57 flying from 45k to 50k MSL. The WB-57 will fly well over the Beeville UTAMs COA at 45k-50k feet MSL. There will be a large UAS operating inside the UTAM's COA from 2000ft MSL to 15000ft MSL.