



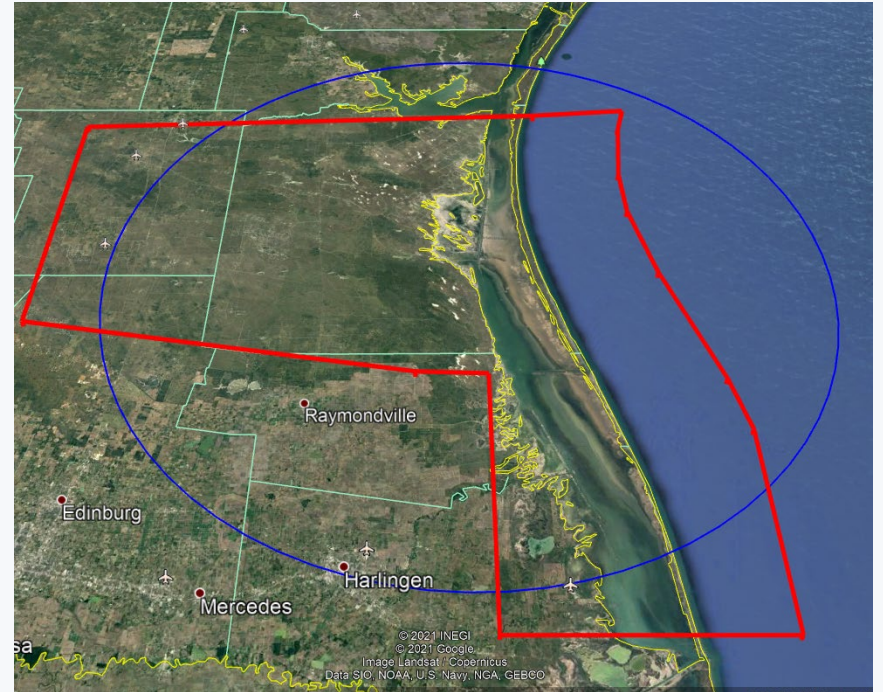
CENTAUR TEXAS FREQUENCY REQUEST



A Boeing Company

✓ PURPOSE

- ✓ Use C-band at the FAA Texas UAS site in South Texas in support of a Boeing IWA for data collection on a contract for UAS in the NAS evaluations involving a Centaur.
- ✓ Desired flight test date: JUN 2021



LOCATION/SCHEDULE

- Centerpoint in the airspace with a ~70km radius to cover our operations as a starting point, but we could refine that based on what we can actually be expected to reasonably get from the FCC and balance that against what is required by the FAA for the testing. We will not require altitudes higher than 10,000 feet MSL.
- The aircraft will be operated out of Harlingen Valley International Airport (N26.231 W97.949), which is at the SW edge of this ring, and the ground station will be located at T05 Port Mansfield (N26.558 W97.437). Most of the flying will be east of T05, but we will want to acquire uplink/downlink as close to after takeoff from KHRL as we can. Additionally, taking off with C-band transmitting on the Centaur is required since the AMTs cannot be switched on/off during flight without the solo pilot unstrapping and climbing to the back, which we really don't do.
- Desired flight test date: June 1 – July 31, 2021
- Equipment: dual Enerlinks III, same as standard Centaur configuration

