

Aviation staff have reviewed rezoning petition 2019-128 and analyzed potential aeronautical operational impacts.

Under current flight procedures, airplanes depart from Charlotte Douglas International Airport to the south approximately 40% of the time. The site is impacted by southbound departures from runway 18C and experiences roughly 300 daily overflights 3500 feet above ground level. As the site is very wide, with existing airplane dispersion patterns, departing aircraft are spread over the entire parcel. The entire parcel has an estimated DNL of 49-50 dB with 65 dB and above considered a noise sensitive area.

Thanks,

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