

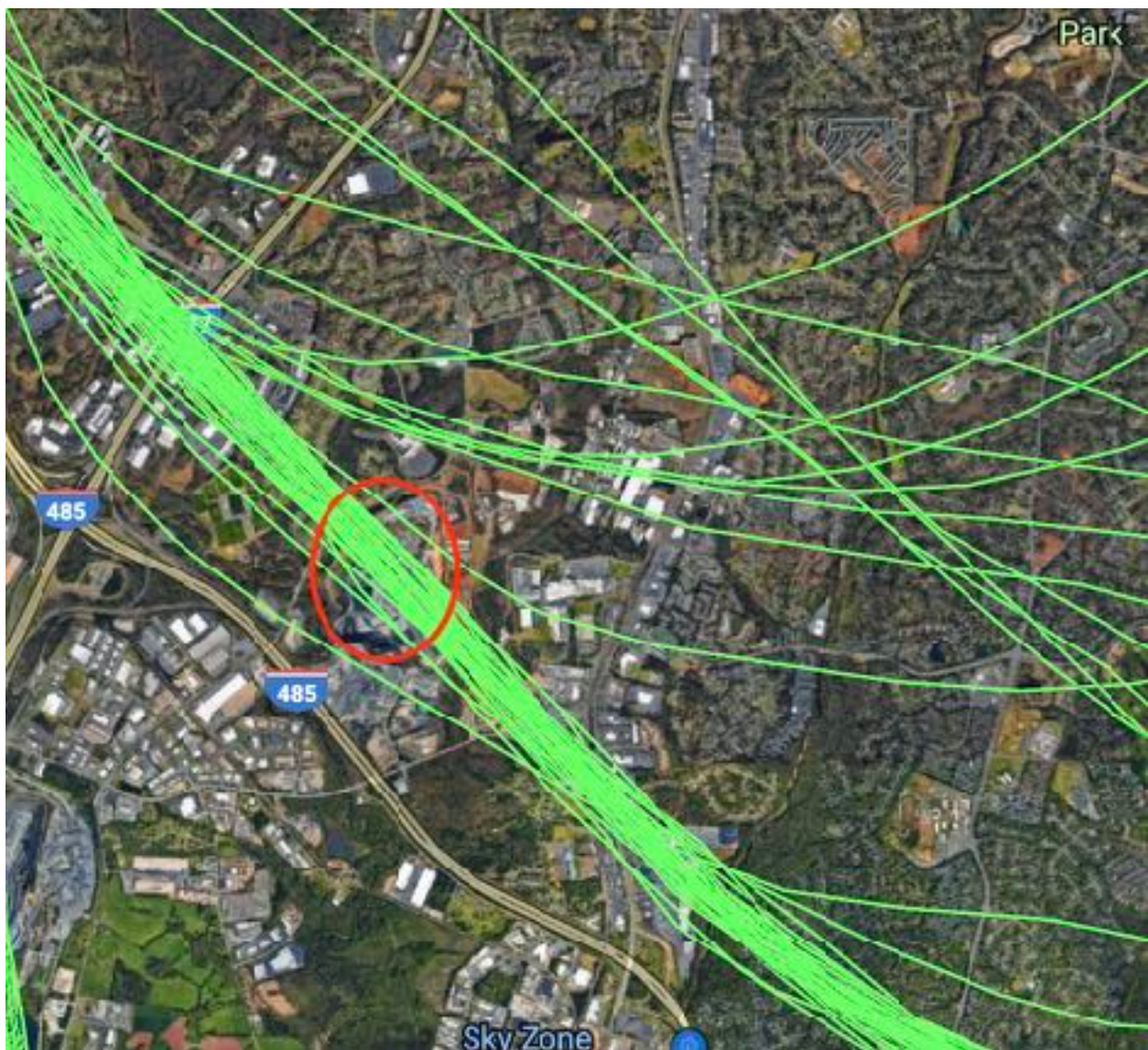
Motion for ACR consideration

For departures from Charlotte Runway 18L to North and East destinations, request the FAA to consider feasibility of amending procedures so that turbine engine aircraft (jets) execute an Eastward turn until after proceeding approximately 3.25 to 3.75 miles to be over an area predominantly zoned I-1 and I-2 (industrial).

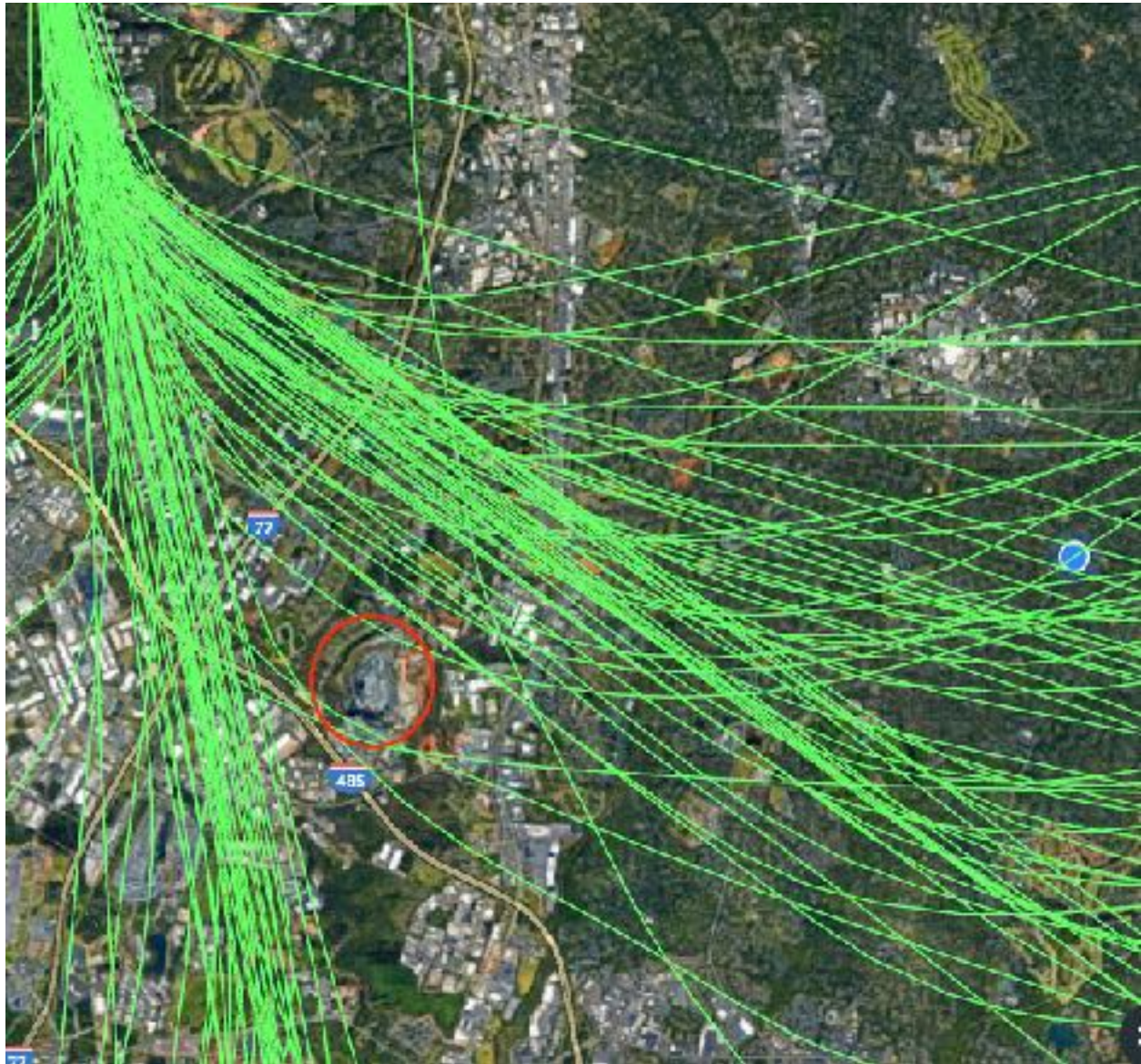
Background and Rationale

Below are two screen shots, one pre “Nextgen” procedural changes and the other after.

Before to Nextgen changes, departures proceeded further south, approximately 3.25 miles, prior to making a 140-150 degree eastward turn. This area is largely zoned I-1 and I-2, light industrial and heavy industrial. The red circled reference point is the rock quarry off I-485.



Since the Nextgen changes, departures generally execute the 140-150 degree Eastward turn after only proceeding about 2.25 miles. The vast majority of this area (north of the red circled quarry location and aside from property immediately abutting I7-7 and some of South Blvd) is zoned R3 and R4, single family residential.



Proceeding further south a mile or so further than the new post Nextgen practice allows the aircraft to gain additional altitude over industrially zoned areas prior to continuing its eventual route. It seems reasonable to believe this would positively impact the area of Charlotte showing the greatest concentration of new complaints in 2017.