

APIS examples SAFTu runs:

40 kg eVTOL Östersund Jämtland

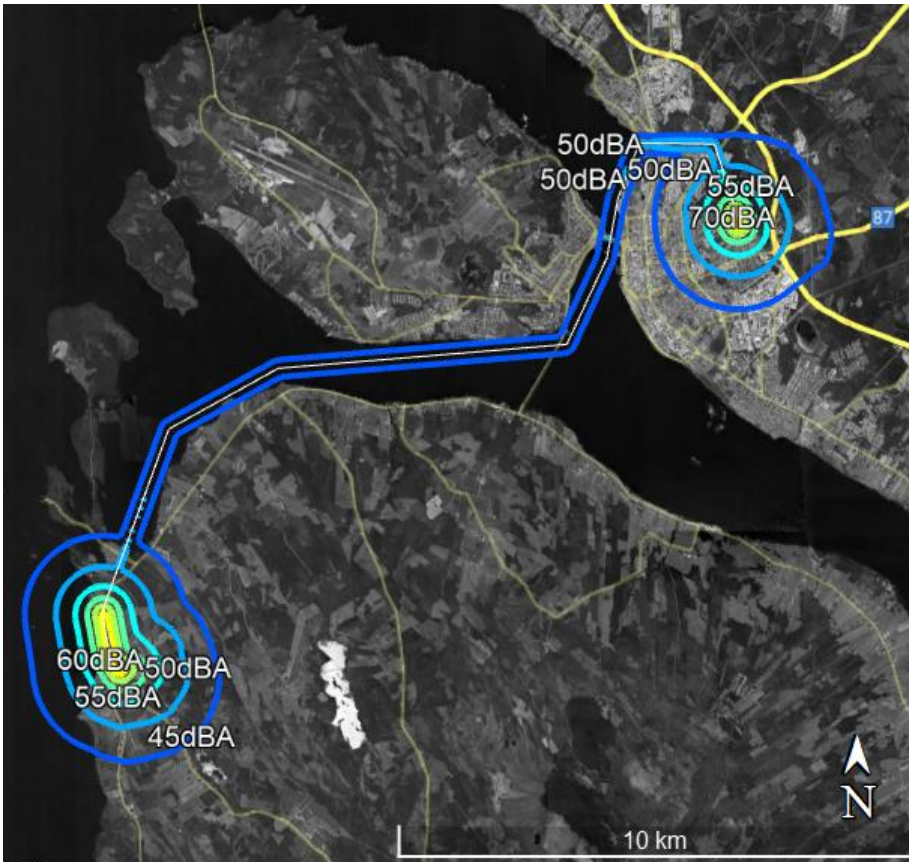


Figure 1. L_{Amax} contours from flight ca 120 m above ground Solliden-Orrviken (Google Earth)

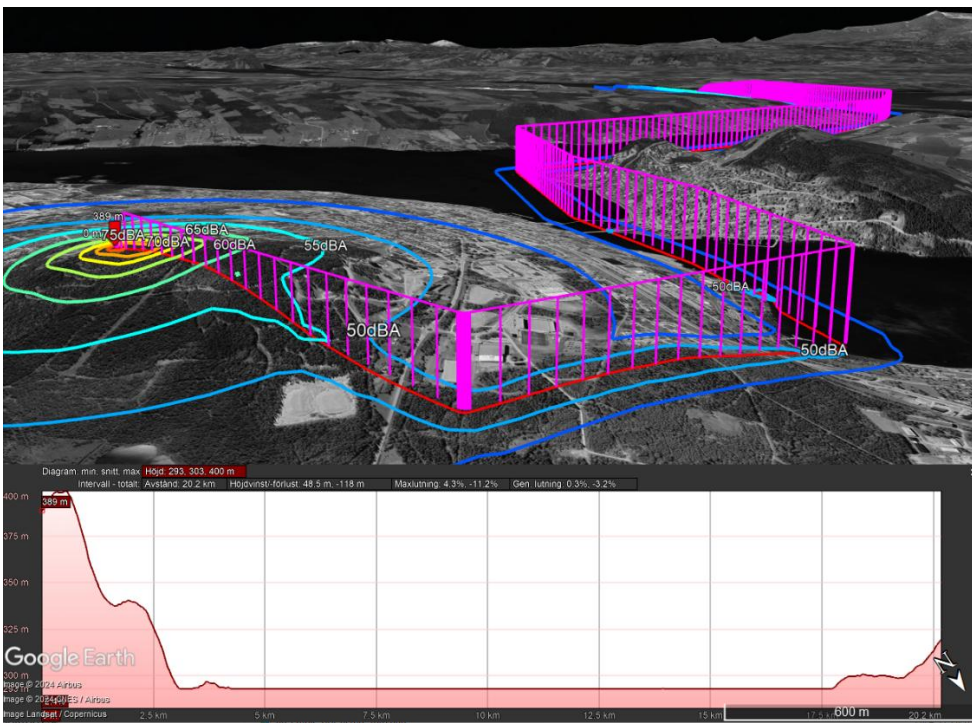


Figure 2. 3D trajectory 40 kg eVtol with L_{Amax} contours from flight ca 120 m above ground Solliden-Orrviken. NOTE: z (=height) scaled a factor 3



Figure 3. L_{Amax} contours from flight ca 120 m above ground Solliden-Orrviken (lantmäteriets karta)

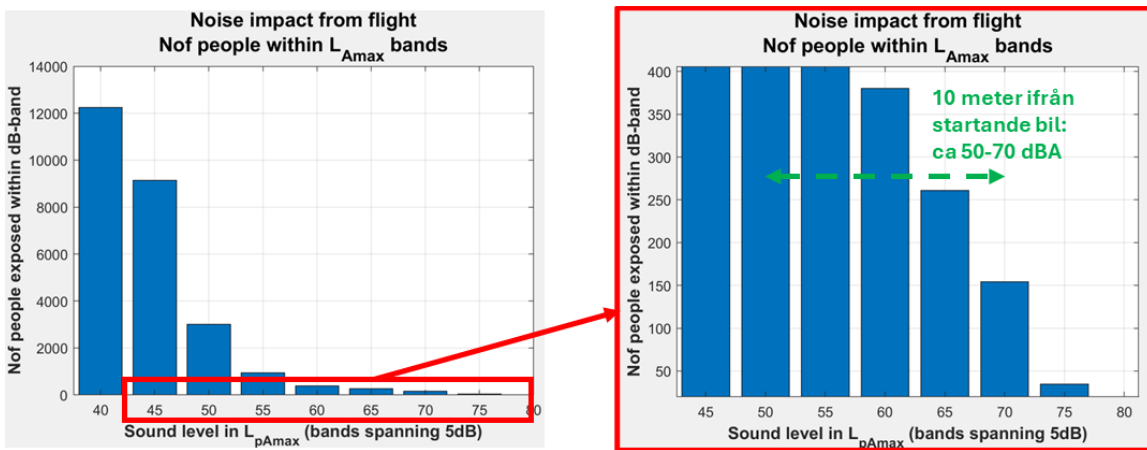


Figure 4. Populationsdata, “ \approx antal boende inom 5 dBA -band” för flygning Solliden-Orrviken fig.1-3.

Huddinge- South General: (low ground risk route)

- Flight height above ground 40-60 m
- Two different operational modes: Major sound reduction using wing mode

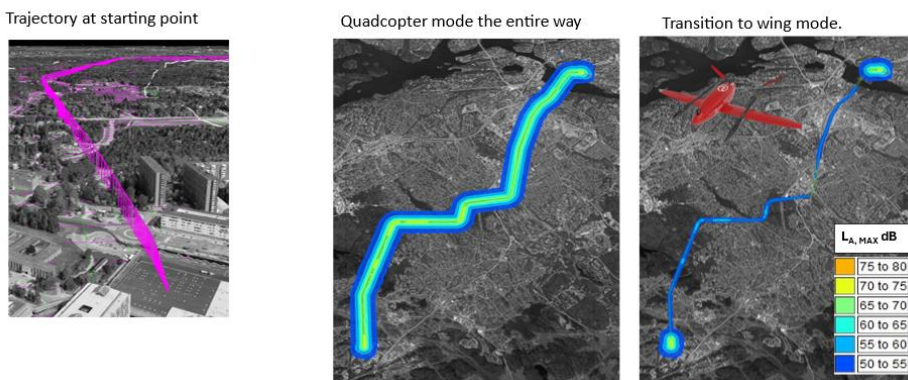


Figure 5. Case study ca 20 kg multicopter vs fixed wing d:o level flight