

You want to fly from the takeoff location at St. Olavs Hospital to the church at Byneset, as indicated on the map above. Find the best path that can be flown safely. Extra credit will be given for minimizing battery usage.

## Specifications

- Battery used per km: 3%. Assume that you start with 100%.
- Maximum climb/descent angle possible on flight path: 8 degrees.

- Do not fly more than 120m above ground level.

- At any point during the flight, something might go wrong and the vehicle will start circling around the current position with a radius of 100m.