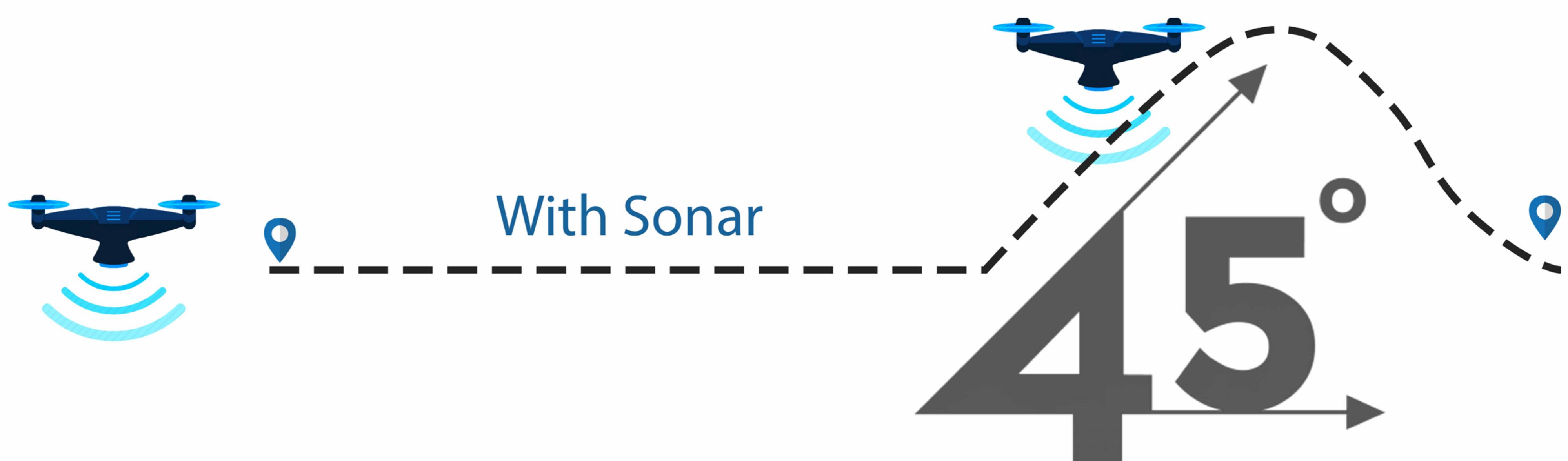


RangeFinder Quadcopter

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Objective

Predicting the behavior of a quadcopter fully built from scratch with Performing an anti-crash approach



Features

Selection of the Parts

considering several alternatives
and reasoning the selection of each element

Vehicle's Dynamics

in iNavflight Configurator
to predict its theoretical behavior

Anti-Crash Approach

using ultrasonic sensors

Stabilization of the Vehicle
through the tuning of its controller

Watch video

