



Quanser 3 DOF Hover

The 3 DOF Hover experiment provides an economical test bed to understand and develop control laws for flight dynamics and control of vehicles with vertical lift off.

Basic technical parameters:

- Device mass 3.46 kg
- Device height (ground to top of base) 45 cm
- Helicopter body mass 1.39 kg
- Helicopter body length 48 cm
- Base dimensions (W x L) 17.5 cm x 17.5 cm
- Pitch angle range 75 (± 37.5 deg)
- Yaw angle range 360 deg
- Propeller diameter 20.3 cm
- Propeller pitch 15.2 cm