Boom Height Controller – Field Tuning Checklist

Prep

- Boom unfolded over flat ground
- Controller DISARMED
- Oil warm
- Constant speed (5–6 MPH)

Initial Parameters

targetIn = spray height
deadbandIn = 1.0
sensorLeadIn ≈ 24 in
hydraulicDelaySec = 0.50

Tuning hydraulicDelaySec

- Late response or dips → increase delay
- Oscillation → increase delay
- Early or nervous → decrease delay slightly