

VIREO / Day4 / Flight4

TEST: Testing control law, injecting chirps.

RESULT: Good flight for system ID.

EVENTS:

1. Peter Bauer visited from SZTAKI.
2. Testing a bunch of subtle code changes with main loop timing and synchronization, implying more consistent and accurate data.
3. Switched the pid components to the more standard form (not CO's velocity form).
4. CO thinks the throttle and pitch gains are still too high (especially with respect to the standard pid algorithm).
5. New magnetometer version of the EKF.