

## **Autonomous Micro-Helicopter**

Do you know or would like to know C/C++? Do you know Linux? Do you have experience with feedback control or inertial sensors? We are building a control system for a very light electric helicopter (The Blade CX - 230grams). The system includes inertial sensors, a micro controller for sensor fusion and low-level control, and a Gumstix Linux-based computer for high level control. The initial goals include controlled, hands off-hover under pilot supervision. We would like to explore autonomous navigation and obstacle avoidance as the vehicle progresses. Contact Robert MacCurdy (rbm7) for more information.