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ECE 375

Lab 6 PreLab

A remote-controlled helicopter uses a microcontroller. The functions it performs are turn left, turn right, ascend, descend, move forward, and move backward. Each of the functions are triggered by an interrupt from the remote control. The assembler program would have a main loop that would send the spin command to the helicopter blades. Each of the interrupt functions would act for .5 seconds at a time. A turn left interrupt would send a tilt left command to the blades, a turn right would send a tilt right command to the blades, move forward would send a tilt forward command to the blades, move backward would send a tilt backward command to the blades, ascend would send a command to the blades to all tilt down, descend would send a command to the blades to all tilt up.