Hardware Setup Indoor Flyer
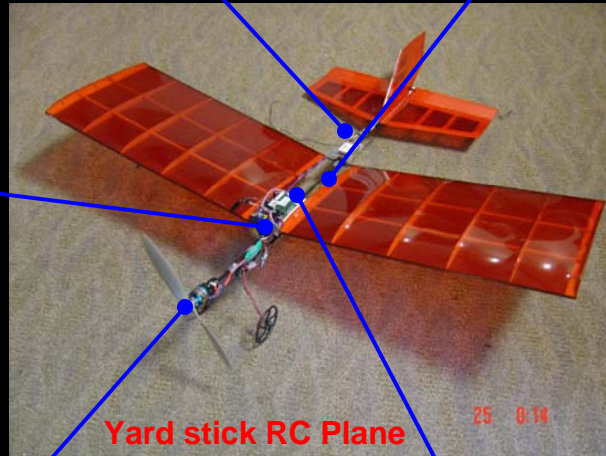

Data Modem

MPC 555 Computer

Ground Control Station

RC Receiver

Yard stick RC Plane

Brushless motor

MNAV Sensor

RC transmitter

Flight Computer System (Hardware System)

Datalink

Sensors

INS

| Maxstream Data Modem (Transceiver) | — RS 232 → | Motorola MPC555 Processor | ← RS 232 — | MNAV Sensor |

Futaba RC Receiver

PPM signal

Autopilot PWM

Manual pilot PWM

Fail Safe Board (Multiplexer) — PWM → **Servo Actuators (Throttle, Aileron, Rudder, Elevator)**