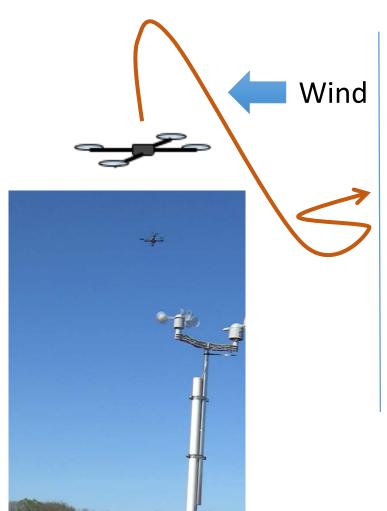


## Wireless Communication Tests, maneuvers in wind, high accelerations, and global positioning





- Detect effects of wind and atmospheric forces
- Quantify added weights on-board
- Highlight external forces via maneuvers
- Feasibility of chip-sized RTK-GPS
- XBee/Wireless Communication Tests
- Quality & reliability metrics





RSSI

**RSSI** 

← 20 meters

₹ 15 meters

← 10 meters

← 5 meters



Base

25m increments

GPS readings from 3 devices, 2 with RTK capability at each increment.