Wheelchair Experiment Documentation

# Wheelchair Testing 18th December 2015

**Researchers**  
  
Robert, Paul

**Tasks**  
  
Construct track

Setup filming equipment

Calibrate devices to wheelchair

**Objectives**  
  
Robert – Testing Electropalatography interface, 20 runs with filming and encoder data

Paul – Testing joystick control with multiple users and encoder data.

**Notes**

Track takes at least one hour to construct.  
Code changes needed for full speed run of raw joystick  
New obstacles required  
Signs placed around test area to stop general public  
Wheelchair should be charged during the day  
Native encoder to X,Y should be implemented for next experiment

# Wheelchair Testing 21st January 2016

**Researchers**

Robert, Paul, Ed

**Tasks**  
  
Construct track

Setup filming equipment

Calibrate devices to wheelchair

Media Publicity for Sandy

**Objectives**  
  
Robert – Testing Electropalatography and Resistopalatography 15 runs of each, filmed with encoder data.

Paul – Testing joystick control with 5 users 3 times each, filmed with encoder data.

Ed – Testing head tracking 15 runs, filmed with encoder data.

ALL – Publicity

# Results

## 18/12/15

## 21/01/16