# Check if Ball Thrower Subsystem Works Properly

# Summary

## Location & Date

Ground LAB

## Description & Aim

After combining all minor elements, ball throver should throw ball with desired speed and spin.

## Participants

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# Preconditions & Environment Requirements

* Tenis Table
* Balls
* DC Power Supply (Powerbank)

# Scenario

|  |  |  |  |
| --- | --- | --- | --- |
| **Step** | **Data** | **Expected Result** | **Actual Result** |
| Activate barrel motors | Vterminal = 2V | Motors starts to run with lowest speed | - |
| Then, activate the ball pusher motor | Vterminal = 2V | Balls are pushed to barrel with lovest speed |  |
| Then, check if balls can be fired from barrel | - | Ball is fired with lovest speed and can’t reach the opposite side of table |  |
| Then, increase barrel motor terminal voltage | Vterminal = 5V | Ball is fired with high speed and can reach the opposide side. |  |
| …. |  |  |  |
| …. |  |  |  |