

## Pre-Match Checklist

### While in Pits:

- Mechanical Integrity Check
  - Fasteners Tightened Properly
  - Damaged Parts Replaced
  - Swerve Tread Replaced
  - Axles Turn Smoothly and are Aligned
  - Climber Slides Smoothly
  - Climber Rope Wound Properly
  - Minor Stress Test
- Electrical Integrity Check
  - CAN Bus Connections Secure
  - Power Wires Secure
  - RSL Functioning
  - PDH Breakers Secure
  - Status Lights Correct
- Correct Bumper Color
- Drive Station Charged
- Used Batteries Charging
- Controller/Joystick Status Check
- Organize Robot Cart
  - All Tools Accounted For
  - Batteries Replaced
- Systems Check - Test Currently Deployed Robot Code
  - All Subsystems Function - Swerve, Intake, Shooter, Climber

## **DO NOT DEPLOY ROBOT CODE PAST THIS POINT**

### While Queuing:

- Turn On Mini PC
- Sufficient Battery Voltage
- Battery Properly Plugged In
- Battery Strap Tightened
- Mini PC On
- Remove Climber Pin
- Drive Station Computer Connected to Robot

### Elimination Matches Only

- Give Cat Ears to Alliance Partners
- Give Flag to Field Operator