

# Drone Inspection Sheet

Team Number: \_\_\_\_\_ Team Name: \_\_\_\_\_

\_\_\_\_\_ Team has 2 or 3 identical drones

\_\_\_\_\_ Each drone has a maximum of 4 motors and they are Official Drones in Schools authorized motors. (see [dronesinschool.com](http://dronesinschool.com))

\_\_\_\_\_ Transmitter, receiver, and flight controller operates on the 2.4GHz frequency

\_\_\_\_\_ Acceptable Flight Controller:

- *Eachine Beecore V2 - F3 with OSD*
- *BeeBrain V2 Micro FPV*
- *Blade - Inductrix FPV Pro BNF*
- *NewBeeDrone - BeeBrain Lite*

\_\_\_\_\_ Drone is fitted with an FPV transmitter camera operating on the 5.8GHz frequency

\_\_\_\_\_ FPV transmitter camera can broadcast on all 40 channels (F, E, A, R & B)

\_\_\_\_\_ FPV transmitter camera power is 25mW

\_\_\_\_\_ Drone is powered by a maximum of two 1s Lipo batteries with a maximum of 4.5V each

\_\_\_\_\_ Drone is smaller than the maximum dimensions of 120mm x 120mm x 120mm

\_\_\_\_\_ Propellers are smaller than 40mm in diameter

\_\_\_\_\_ Propellers are completely surrounded by guards or ducts that prevent propeller from making contact with a vertical surface when hovering level

\_\_\_\_\_ Drone Weight \_\_\_\_\_ (50g Maximum)

\_\_\_\_\_ Drone can be disarmed with a single switch on the transmitter

\_\_\_\_\_ Disarm switch on the transmitter is clearly identified with red heat-shrink tubing or red PVC tape.

\_\_\_\_\_ Components of the drone are designed and manufactured by the students (does not include: flight controller, propellers, battery and FPV transmitter camera)

\_\_\_\_\_ **INSPECTION PASSED**

