

# NCAA

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Logo as painted by the robot

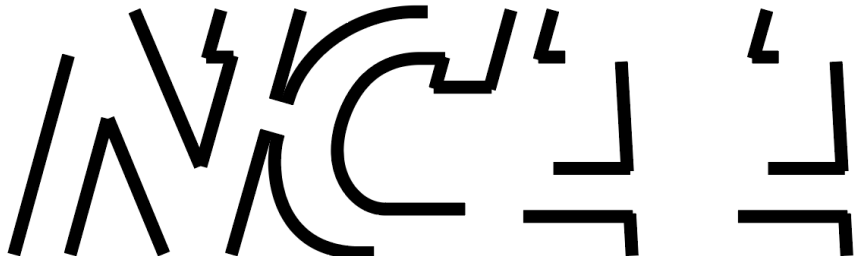


Original logo

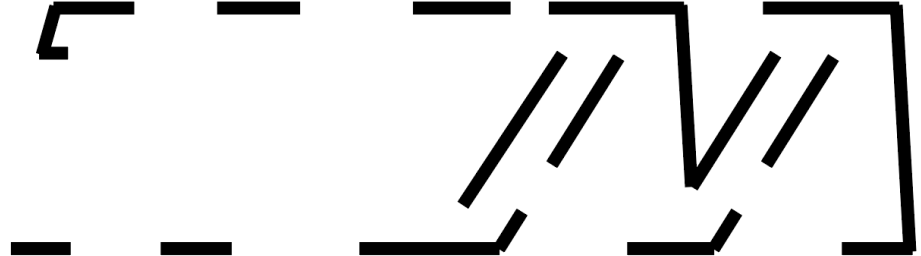


## Logo layers

Layer 1



Layer 2



## Please note SEC

- The logo is an outline logo.
- The logo is meant as a stencil which require manual finishing.
- Logo is 8 yards wide.
- Logo isn't scalable. Fixed size.
- Slow speed must be applied.
- Must be painted with 4 inch line width.
- Fill is not possible by robot. Manual only.
- Center on flag 1 is the only align method available.
- Paint drying time in between layers is recommended to reduce paint tracking.
- When loaded onto map the lines will look out of place. No current fix.
- With bounding box option, the robot follows a rectangular shape which encompass the logo. The bounding box also contains a horizontal and vertical center line to make it easier to see where the logo center is (i.e. you want the logo center to be on a yard line).
- Position of the Sprayer determines the Bounding Box. Don't look at where the discs are.
- If Bounding Box option is enabled the robot will not start to paint. Disable Bounding Box option to start painting when ready.
- Total robot operation time: approx. 15 min (waiting for the paint to dry in between layers isn't included).
- Expected paint consumption: 0.4 gallons.
- Good sprayer offset and calibration is highly required.
- It is recommended to do a test paint at a non-important location just to get a "feel" for the logo.

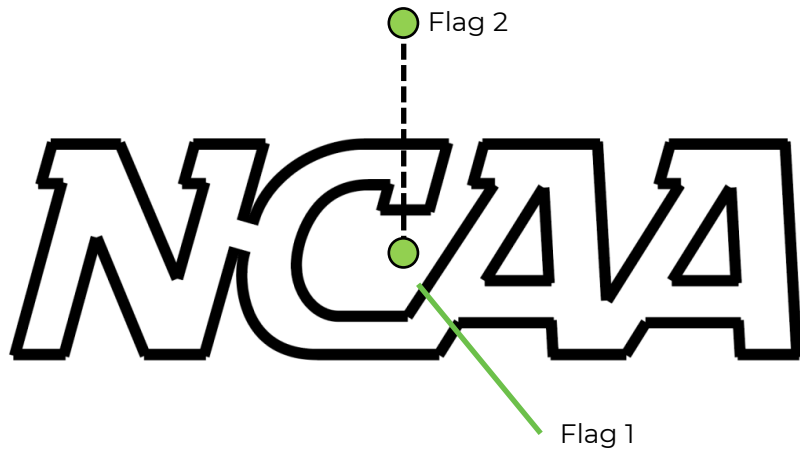


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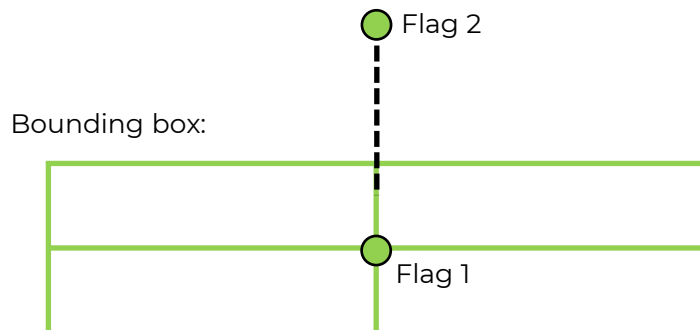
## General steps

**1)** Place flag 1 where you want the logo center to be, and flag 2 to determine the orientation. Perpendicular orientation is recommended.

Flags from a copied plan can also be used if needed (requires shape change to logo). The further away Flag 2 can be placed from Flag 1 the more accurate the orientation will be.



**2)** Verify with bounding box the logo's position and if needed. Bounding box is not painted. Bounding Box is enabled through the Options.



- 3)** When logo position is correct, disable the bounding box option.
- 4)** Enable Layer 1 and load with "Slow" speed.
- 5)** Paint Layer 1
- 6)** Once Layer 1 is finished it is recommended to wait for the paint to dry before continuing with Layer 2.
- 7)** Disable Layer 1
- 8)** Enable Layer 2 and load with "Slow" speed.
- 9)** Paint Layer 2