

Chief Judge: Jeremy Wood, CDE Lightband

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Cutout Challenge

Apprentice & Senior Event

Mean Time: 4 Minutes

Drop Dead Time: 6 Minutes

Event Summary:

Competitors will navigate a 45' pole with (2) 8-foot wooden crossarms mounted, one at the top and the second 6 feet below. The top crossarm features (2) 15kV regular cutouts with a normal barrel that will be fused heavy (see picture below) attached with an L bracket, to be opened and closed. The bottom crossarm holds (1) 15kV regular cutout with a normal barrel that will be fused heavy (see picture below), which competitors must bring down using their extendo stick.

All 3 cutouts must be opened **using the ring** on the extendo stick, although closing them does not require the ring. Competitors must furnish their own extendo stick, while rope, ½ Poly Plus, will be provided.

Within the 5-minute setup period, competitors can inquire with the event judge. The Extendo stick **must be positioned on the ground** within the designated 5-foot circle but **not laying on the pole**. Competitors must wear leather gloves throughout the event. Competitors must start within the 5-foot circle.

Once the judge signals, competitors begin by running the stick up to the top crossarm, opening both cutouts but leaving them in the open position (do not bring these down). Competitor then maneuvers the stick to the lower crossarm to open the third cutout on the pole's backside. This cutout will be brought down with the extendo stick, which must then be fully retracted with the cutout still attached. Competitor will take the cutout off of the extendo stick and then put it back on. After removing and replacing the cutout on the stick, then run the extendo stick back up closing the bottom cutout first. Then, closing the top to cutouts after that.

Then the stick is retracted and placed back on the ground within the circle. Competitors pick up the provided rope located on the right side of the pole (when looking at the J-hook) and tie a square knot around the pole above the J-hook. J-hook will be 5 foot from the ground. Time stops when the knot is secured, and the competitor declares "**TIME**". The judge inspects the knot.

Event Specifications:

1. The Lineman will have 5 minutes to set up. During this time the Competitor may ask the event judge questions.

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2. The Extendo stick must be positioned on the ground within the 5-foot circle.
3. Competitor will be required to wear leather gloves.
4. Competitor will start in the circle and time starts at the judge's signal.
5. Competitor will run the stick up to the top crossarm and open both cutouts. (LEAVE CUTOUTS OPEN AND DO NOT REMOVE THE CUTOUTS)
6. Then, run the stick to the lower crossarm to open the third cutout on the backside of the pole. Bring the cutout down with the extendo stick - the stick must then be fully retracted back to normal position with the cutout still on. Take the cutout off the stick, then place it back on the stick.
7. Run the cutout back up and close it in. Proceed to close the other two cutouts on the top crossarm so all three cutouts are now closed.
8. Retract the stick all the way down and place it on the ground in the 5-foot circle.
9. Pick up rope located in the 5-foot circle to the right side of the J-hook and tie a square knot around the pole above the J-hook.
10. Time stops when the square knot is tied and the competitor says "**TIME**".
11. Judge will observe the knot.

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