



# The 18<sup>th</sup> Annual Florida Lineman Competition

## Apprentice Events



## Phase Clip In

Chief Judge: Nick Short, Lakeland Electric

**Mean Time:** 5 minutes

**Drop Dead Time:** 8 minutes

### Event Summary:

Apprentice will Climb a 40-ft. pole and put the handline in service on the pole or on the 8-ft. light crossarm before work begins. One phase of the two-phase line will be tied in with a #4 aluminum tie wire on a C-neck pin type insulator. The other phase will be in a traveler on an eye-nut mounted to the bottom of the opposite pierce pin below the crossarm. The phase must be removed from the traveler and tied in on the pierce pin. The traveler and eye-nut must be re-located to the opposite pierce pin. The eye-nut must be fully threaded onto the pin. That phase must be un-tied and placed in the traveler. The new tie wire may be carried up in a ditty bag and the old one must be carried down in one as well.

### Event Specifications:

1. Apprentice will have a five-minute set-up time before event starts.
2. Tie wire may be made up during set-up time.
3. Time starts at judge's signal with fall arrest detached from the pole.
4. Handline must be attached to the pole or arm before work begins.
5. Handline must be railroaded before climbing down.
6. Time stops when both feet are on the ground.
7. Fall arrest must remain on the pole for inspection.
8. Handline must be made up before leaving the event area.

- 1- 7" Sherman & Reilly XS-100 traveler
- 1- Light wood crossarm w/steel strap braces
- 2- C-neck pin type insulators
- 2- pierce pins
- 1- 5/8" eye nut
- Neutral will be mounted as shown, 6-ft. from through bolt in arm

### Materials provided:

- #4 Al. Tie Wire- 6ft. long
- Top Tie will be according to the 10th Edition of the Lineman's Handbook Section 22.51



# The 18<sup>th</sup> Annual Florida Lineman Competition

## Apprentice Events



### Phase Clip In

