

Name:_____ Employee #_____ Date:_____



Proper Cover Techniques Test

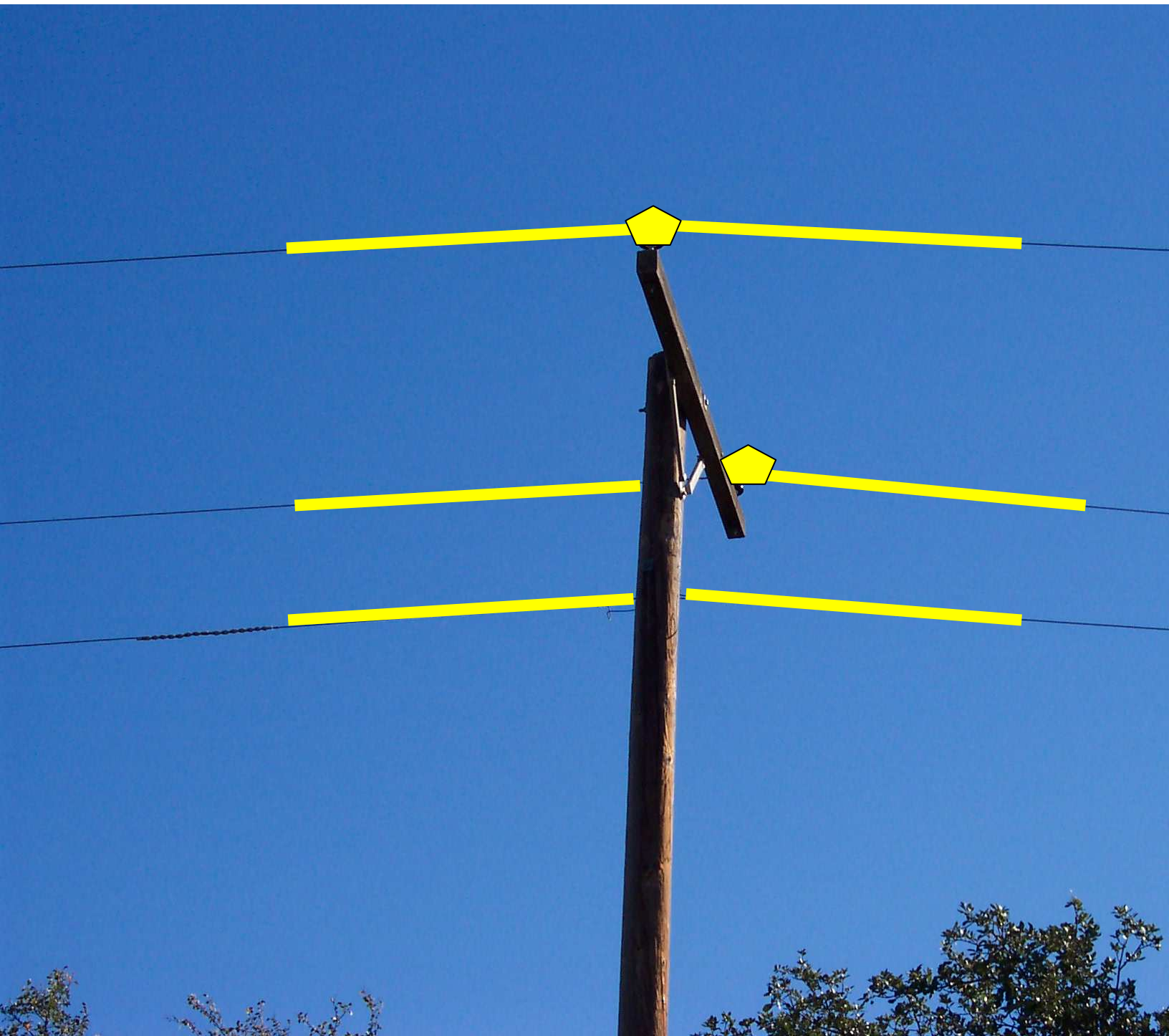
Instructor's Answer Key

*(Note: these recommendations are minimums
– be sure to reference your Safety Manual)*

Instructor (s)

Job Skill # 1

- ◆ What is the expected voltage in this picture ? 7200 / 12470
- ◆ Using a marker show where proper cover would be installed to change out the far phase insulator.



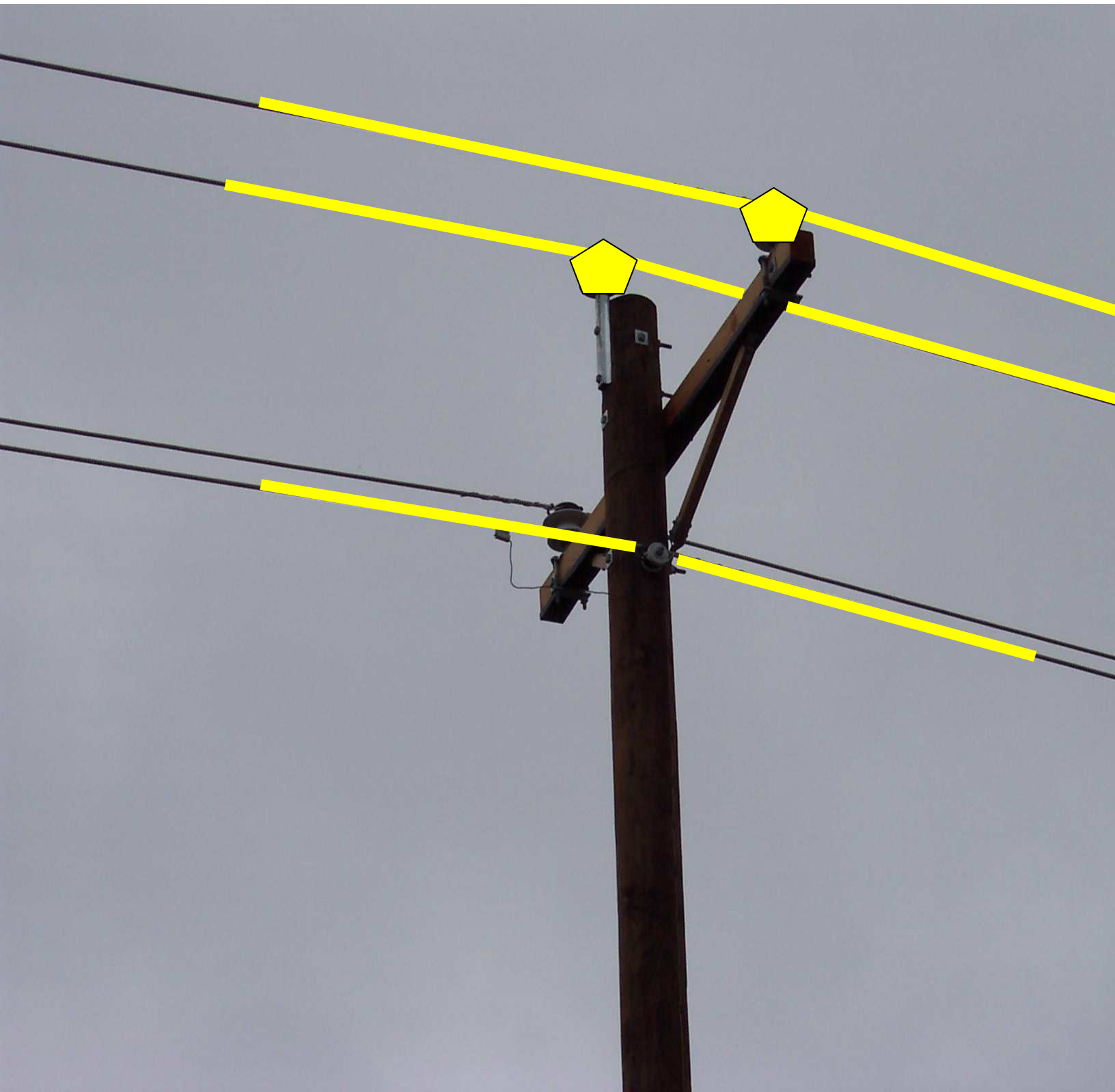
Job Skill # 2

- ◆ Working this pole station from this view.
- ◆ Using a marker show where proper cover would be installed to change out cut out and arrestor.



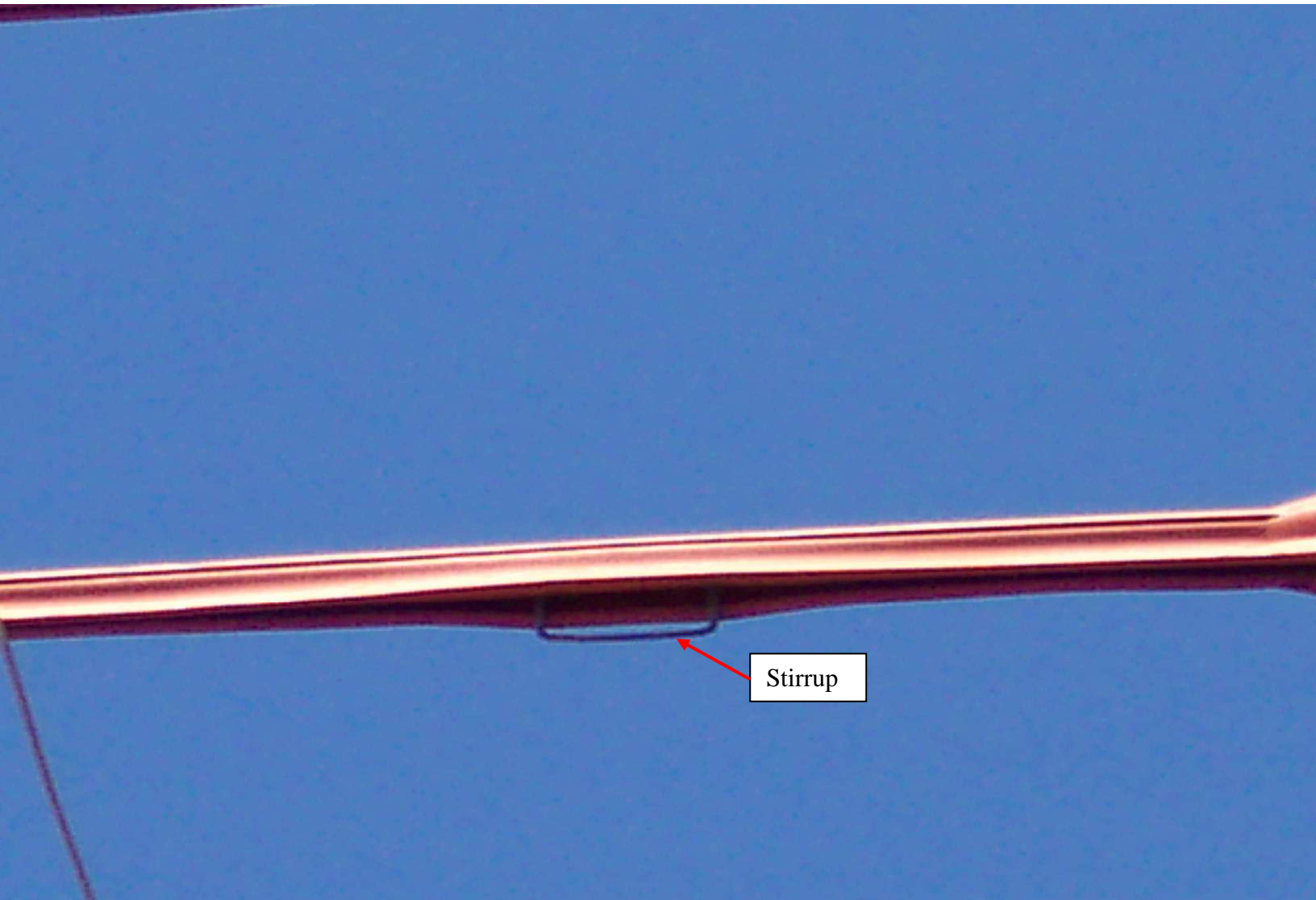
Job Skill # 3

- ◆ Working this pole station from this view.
- ◆ Use a marker to show where proper cover would be installed to change out center phase insulator.



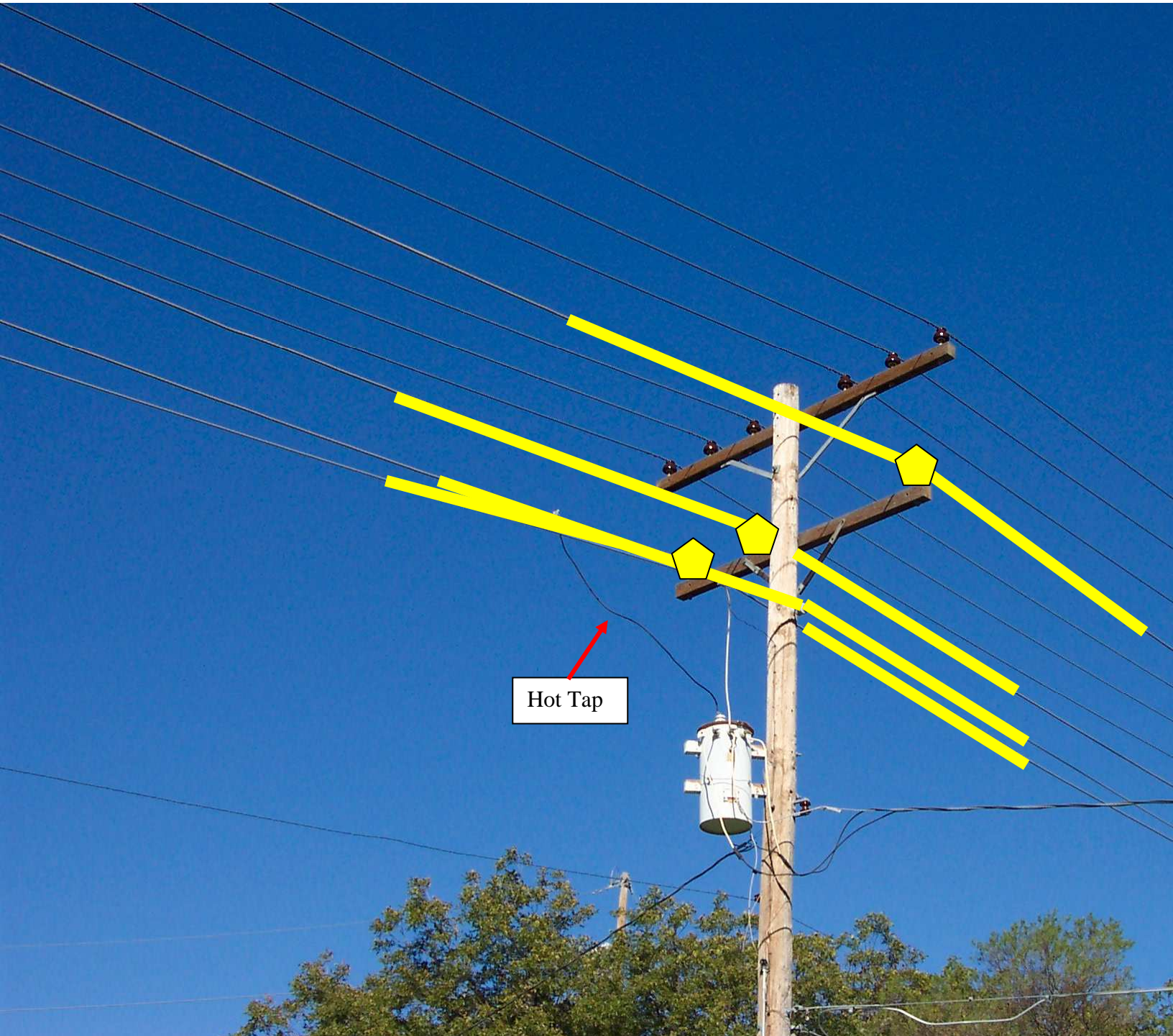
Job skill # 4

- ◆ Upon review of this work station.
- ◆ What steps could be taken to better insulate a lineman in this energized area? **A rubber blanket or other suitable cover equipment should be used to cover the area of the stirrup attachment.**



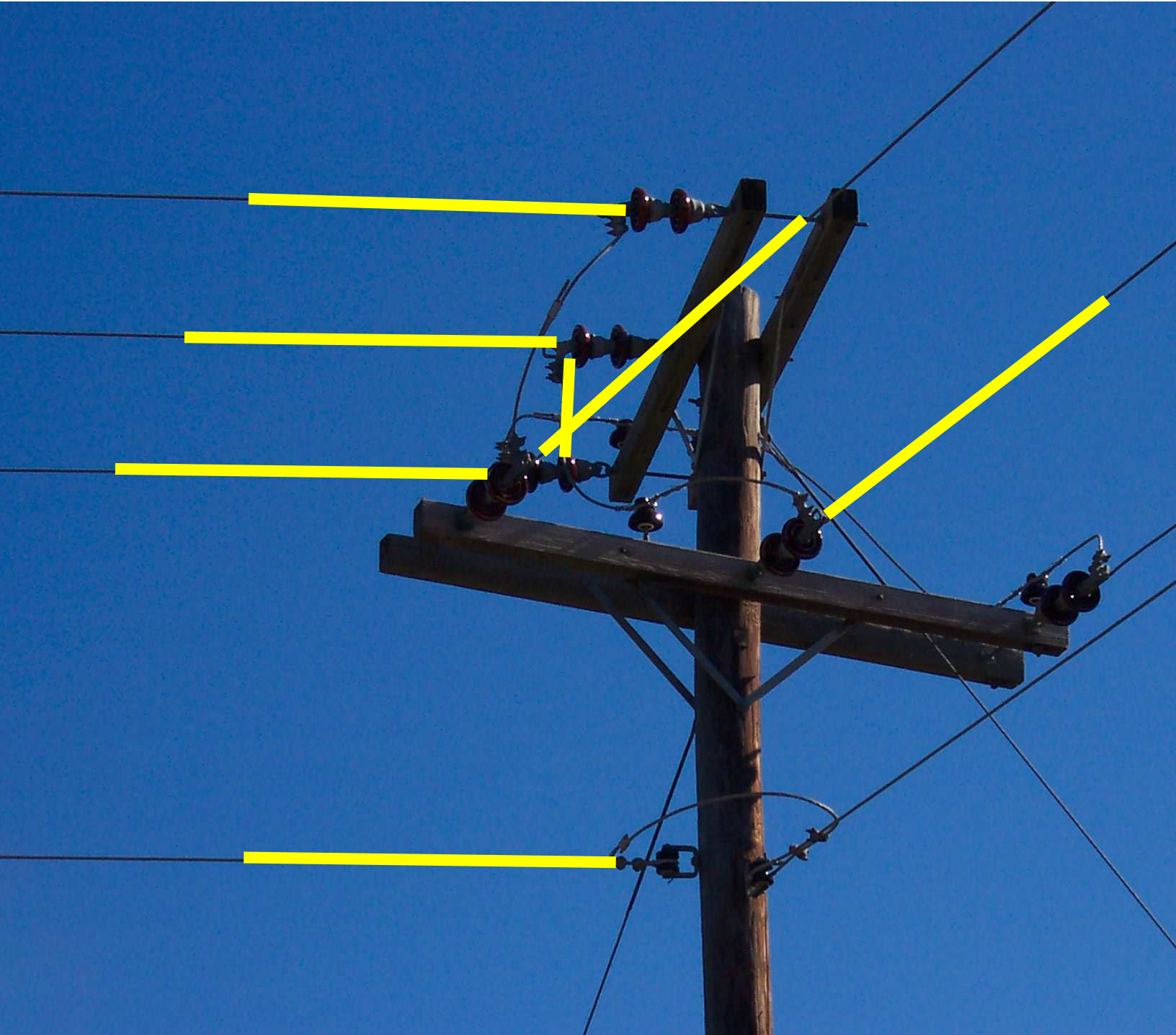
Job Skill # 5

◆ Using a marker draw where proper cover would be installed to remove the transformer at this pole station. The hot tap must be removed to de-energize the transformer.



Job Skill # 6

- ◆ Working the pole from this view.
- ◆ Using a marker show where proper cover would be placed to change out the center phase insulator on the top set of crossarms.



Job Skill # 7

◆ Using a marker identify all energized equipment and conductor at this pole station.



Job Skill # 8

◆ Using a marker show where proper cover would be installed to change out the transformer at this pole station.

(The hot tap feeding the cutout can be lifted and de-energized
If it is not permanently attached)



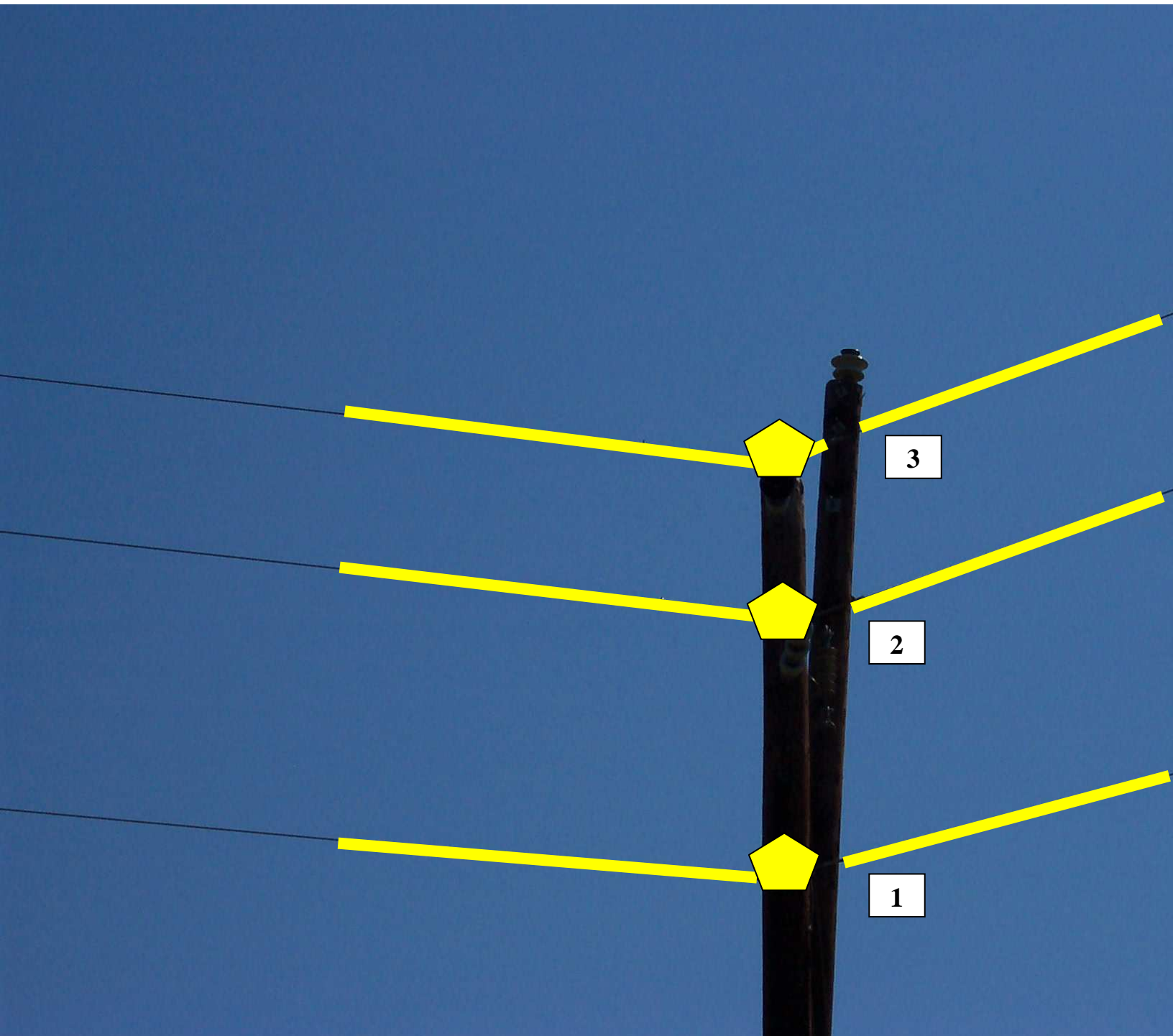
Job Skill # 9

- ◆ Upon review of this picture
- ◆ Use a marker to show where proper cover would be placed to make sure accidental contact did not occur at this location while re-conducting the top circuit.



Job Skills # 10

◆ Using a marker, put cover where needed, and number the steps as you place it on the conductor.



Job Skill # 11

◆ Using a marker indicate all energized conductor and equipment at the pole station in this picture.

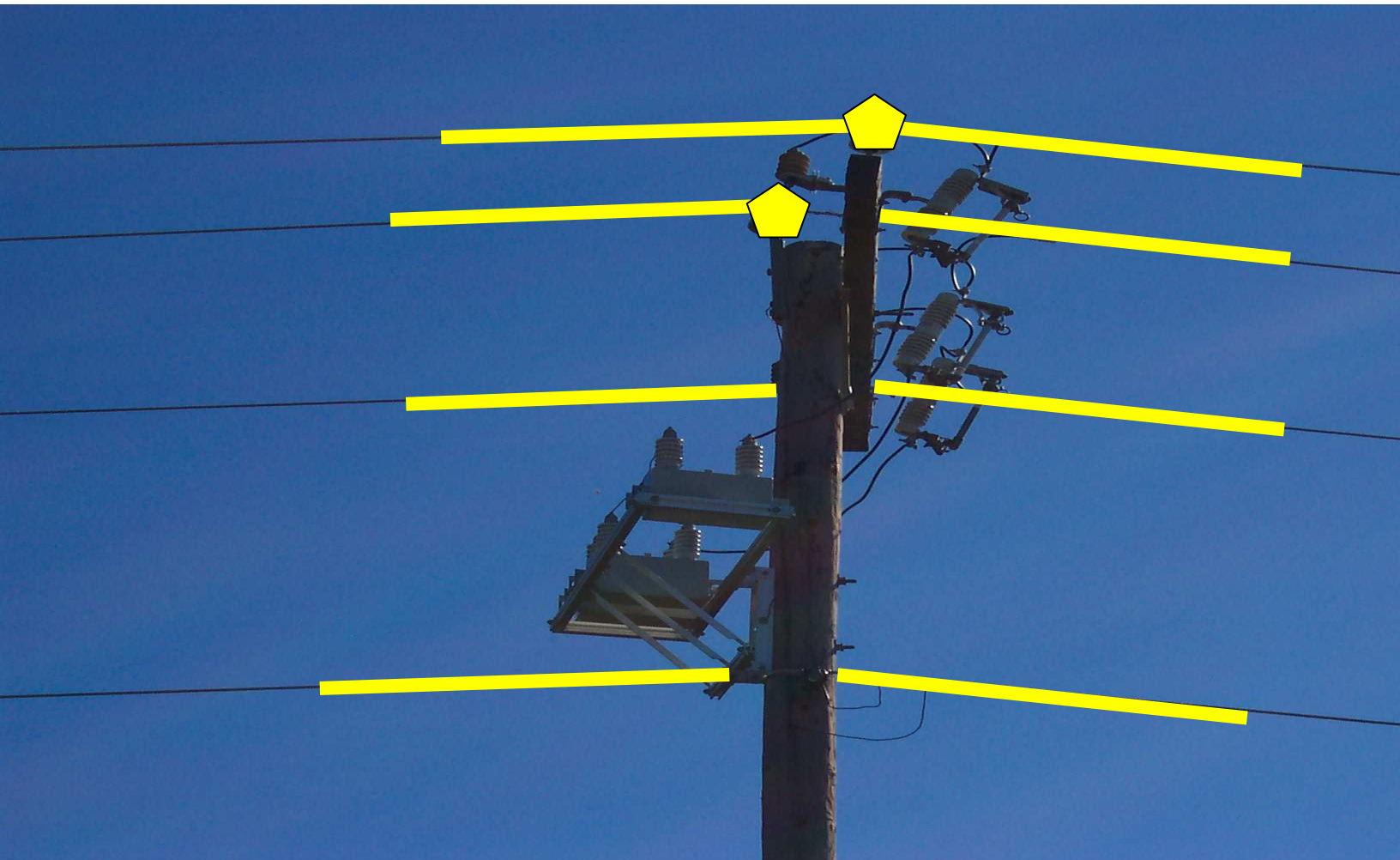


Job Skill # 12

◆ What is the normal recommended discharge time for a capacitor to bleed down before shorting it out?

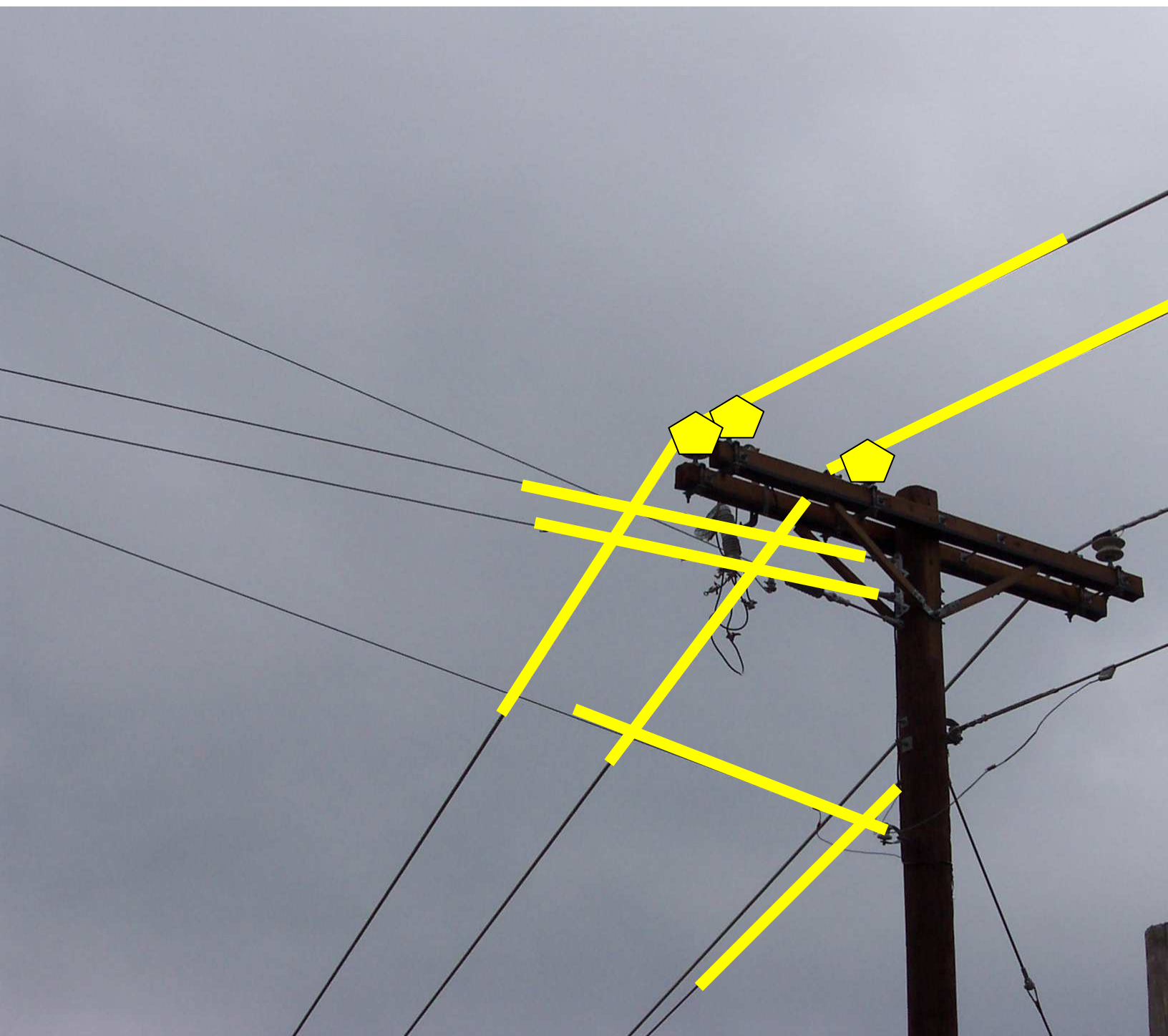
- a. 2 hours
- b. 1 minute
- c. 5 minutes
- d. 2 days

◆ Using a marker show where proper cover should be installed to take the capacitor bank out of service and be removed. Cut outs Should be opened.



Job Skill # 13

- ◆ Using a marker show where cover would be placed if the task at this pole station was to remove the cutout that was out of service.



Job Skill # 14

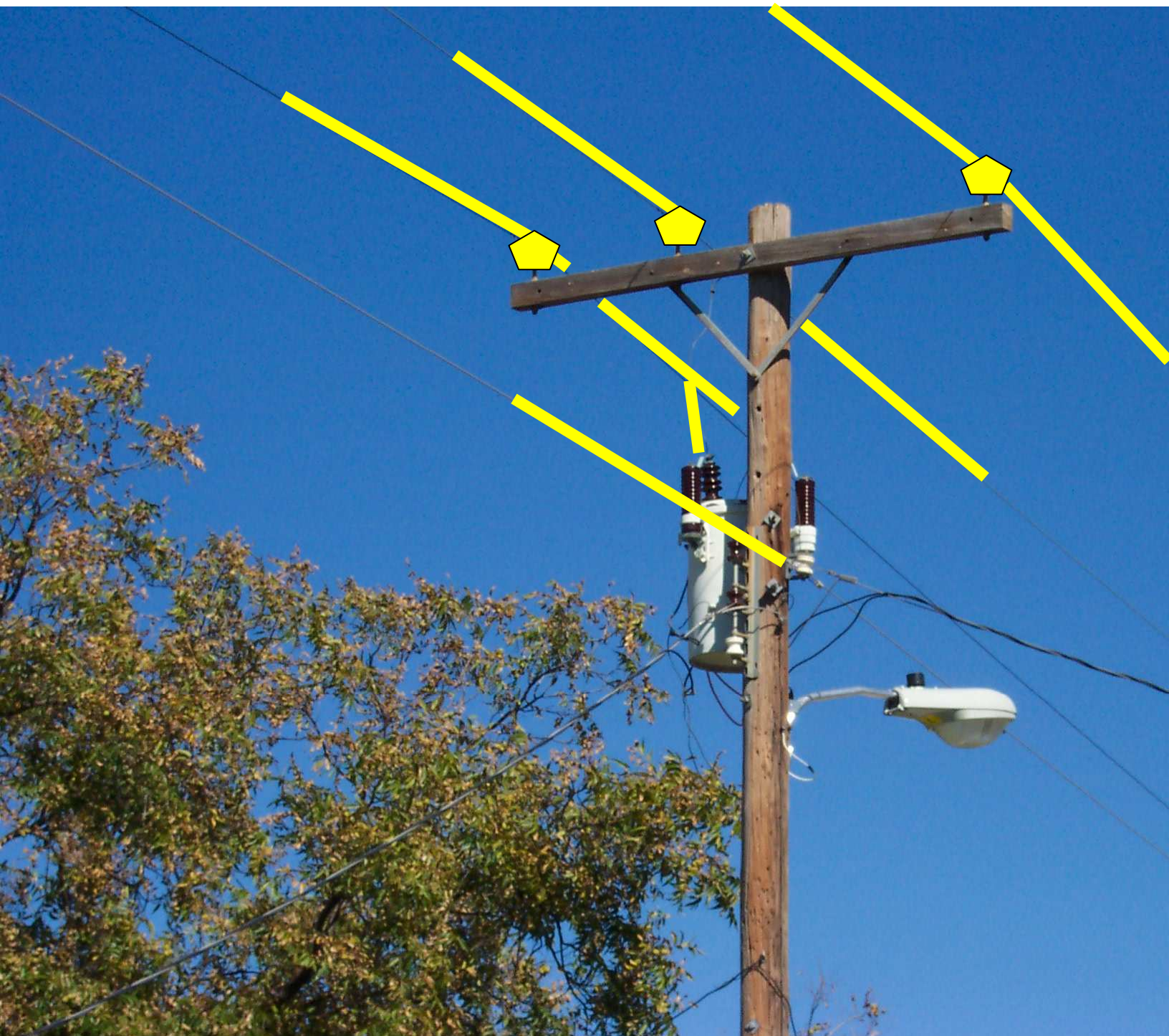
- ◆ Working this pole station from this view.
- ◆ Using a marker show where cover would be placed to safely change out the ridge pin on this pole station.

Open cut out to de-energize transformer. Also to de-energize the lightning arrestor, remove the hot tap.



Job Skill # 15

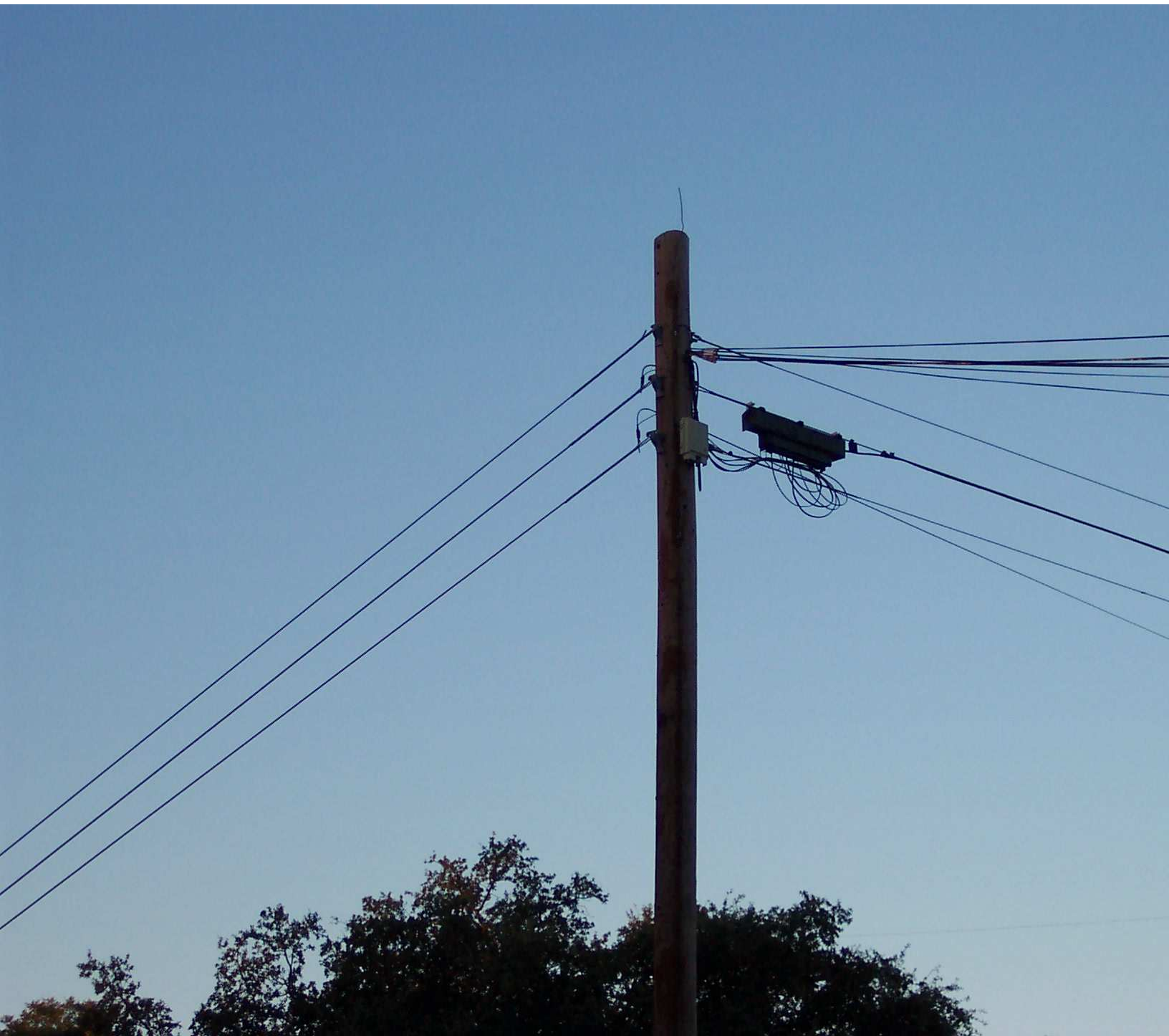
◆ Using a marker show where proper cover would be installed to change out the center phase insulator.



Job Skill # 16

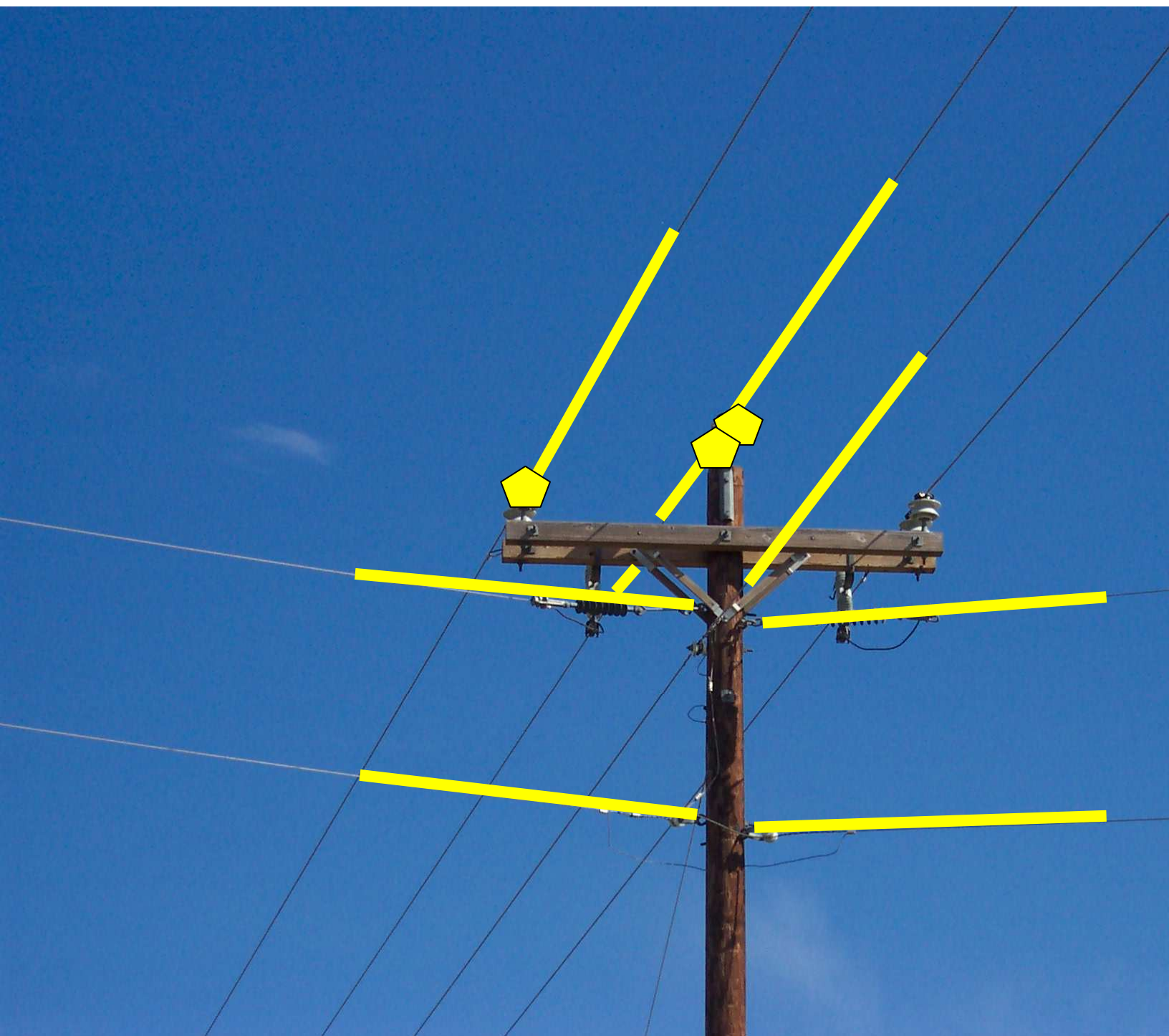
♦ Upon review of the picture below, what would the expected voltage be at this pole station? _____

- a. 7200 b. 14400 c. 34.5 d. none of the above



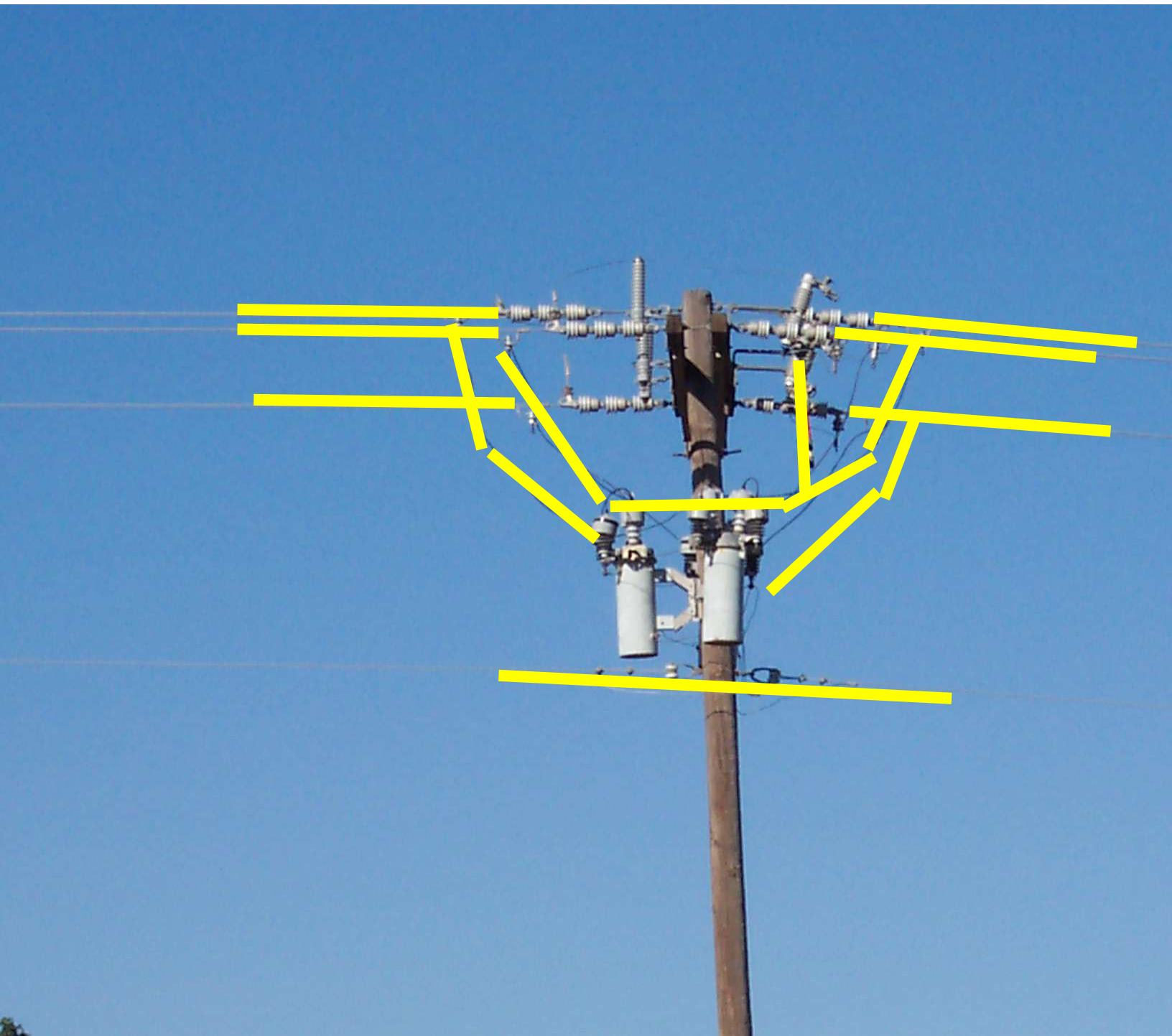
Job Skill # 17

- ◆ Working the pole station from this view.
- ◆ Using a marker show where proper cover would be placed to safely change out center phase insulator.



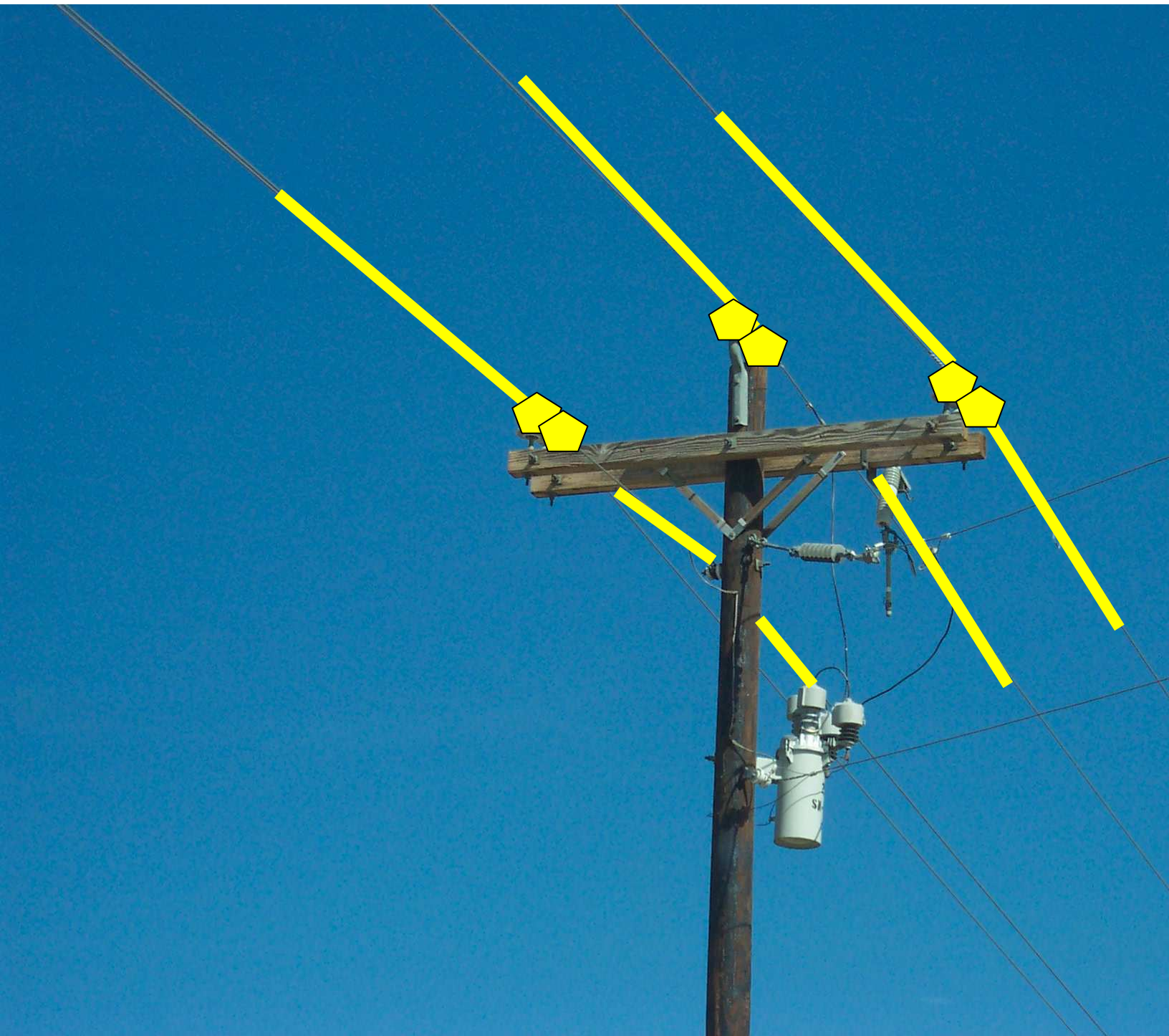
Job Skill # 18

- ◆ What would the expected voltage at this pole station be? 7200 / 12470
- ◆ Using a marker highlight all the conductor and equipment that could be an energized hazard.



Job Skill # 19

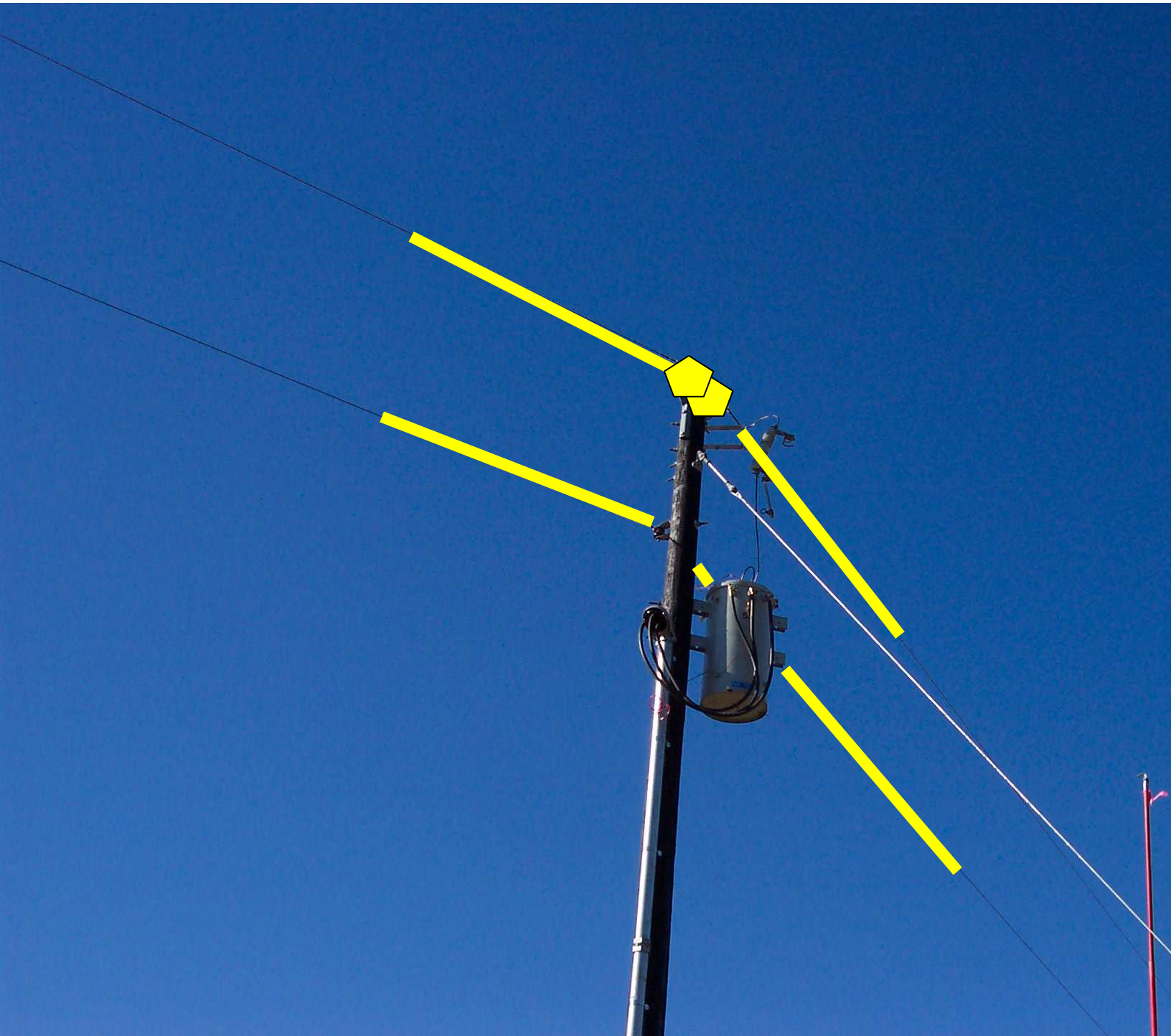
- ◆ Working the pole station from this view.
- ◆ Using a marker show where proper cover would be installed to change out the dead-end bell on the single- phase tap.



Job Skill # 20

- ◆ Working the pole station from this view.
- ◆ Using a marker show where proper cover would be installed to safely change out the insulators on the ridge-pins.

Open cut out to de-energize the transformer.



Job Skill # 21

- ◆ Working the pole station from this view.
- ◆ Using a marker show where proper cover would be installed to change the crossarm braces on this side of the pole.

