Step 1 PATTERN

Create a scaled model of the loudspeaker that will be tilted

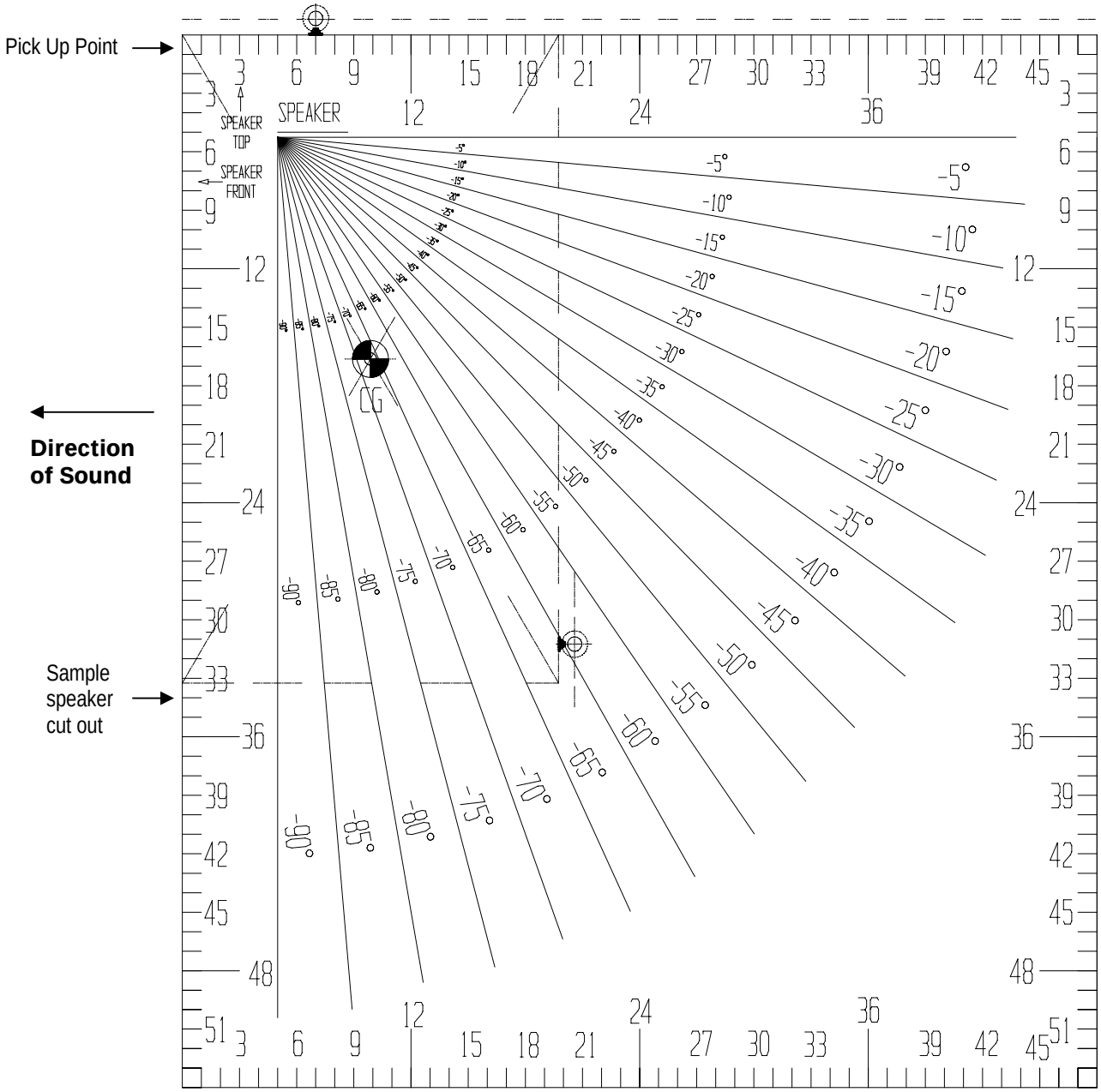
Step 1. Draw a scaled version of the loudspeaker onto this pattern. Start at the upper left corner; draw one vertical line and one horizontal line to represent the loudspeaker depth and height (see the example with dotted lines).

Step2. Mark the location of the speaker's top and back rigging points that will be used. If no back point exists, create an imaginary point where a back chain will end up, when coming from the bottom back rigging point (see the example with dotted lines).

Step 3. Mark the location of the speaker's center gravity. If unknown, draw two diagonal lines, corner to corner. Use the intersection of these lines to represent an estimated center of gravity.

Step 4. Punch out the center of gravity location using a sharp point like the end of a paper clip.

Step 5. Cut out the speaker pattern and its proposed rigging points. Apply this cutout to the SELECTOR on page 2.



Loudspeaker's side view pattern

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Step 2 SELECTOR

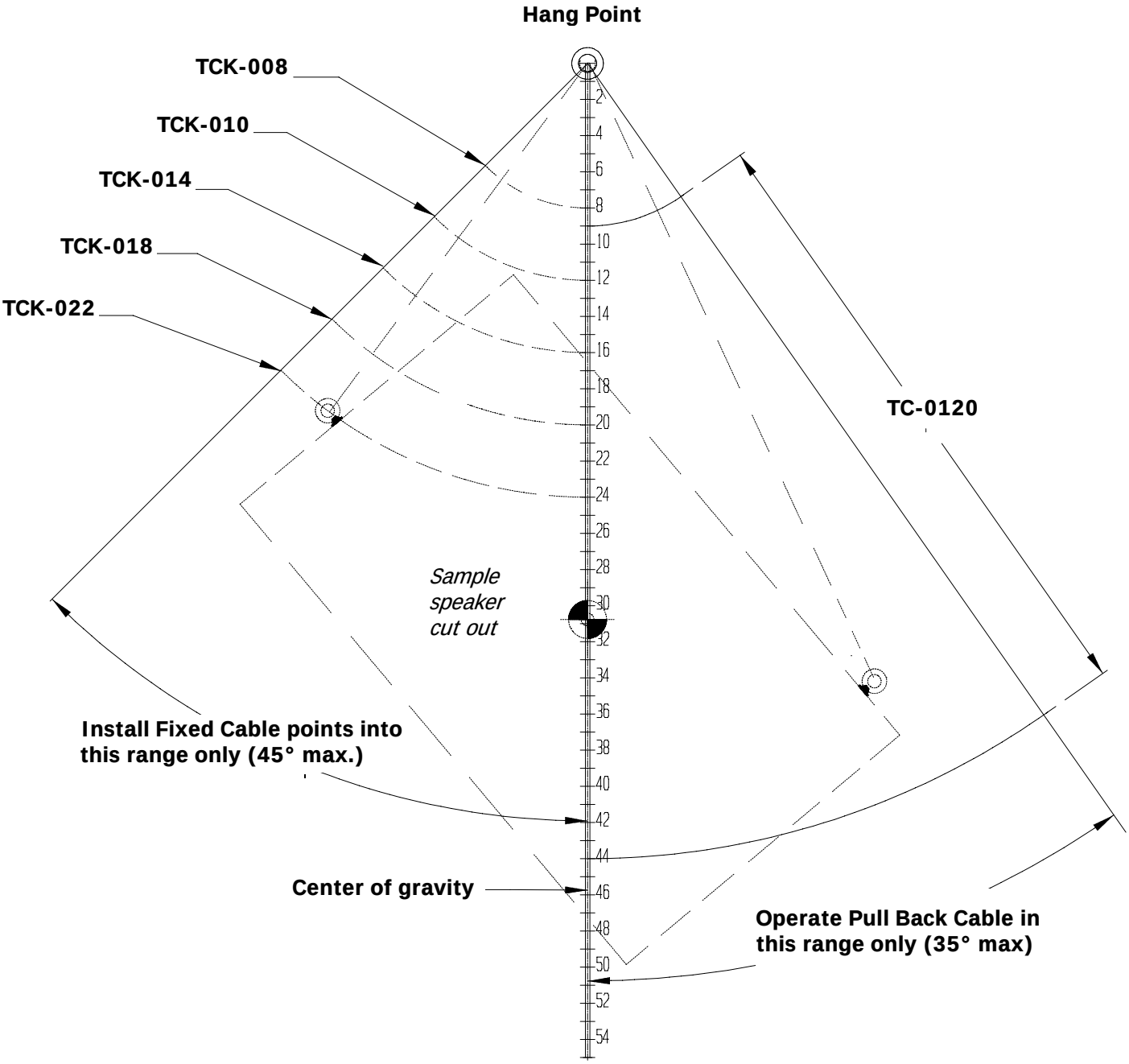
Determine Cable Kit Model by Setting Pattern's Tilt Angle (For Two and Three Point Configurations)

Step 1. Stick a point, like a paper clip, though your patterns' center of gravity mark onto the hang point center line below.

Step 2. Rotate the speaker pattern until its desired tilt angle indication line is perpendicular (90°) with the hang point center line.

Step 3. While maintaining the desired tilt angle, move the speaker pattern up and down until the speaker's top rigging point intersects with one of the curved TCK dotted lines. Check that the pull back cable will clear the speaker cabinet. If not, select a lower TCK dotted line.

Step 4. Tape the speaker pattern into its final position. Draw in the cables from hang pick up points to be sure they fall within the operating ranges.



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Name: _____ Company: _____

Telephone #: _____ Fax #: _____

Speaker: _____ Tilt Angle: _____

Selected Tilt Cable: _____

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