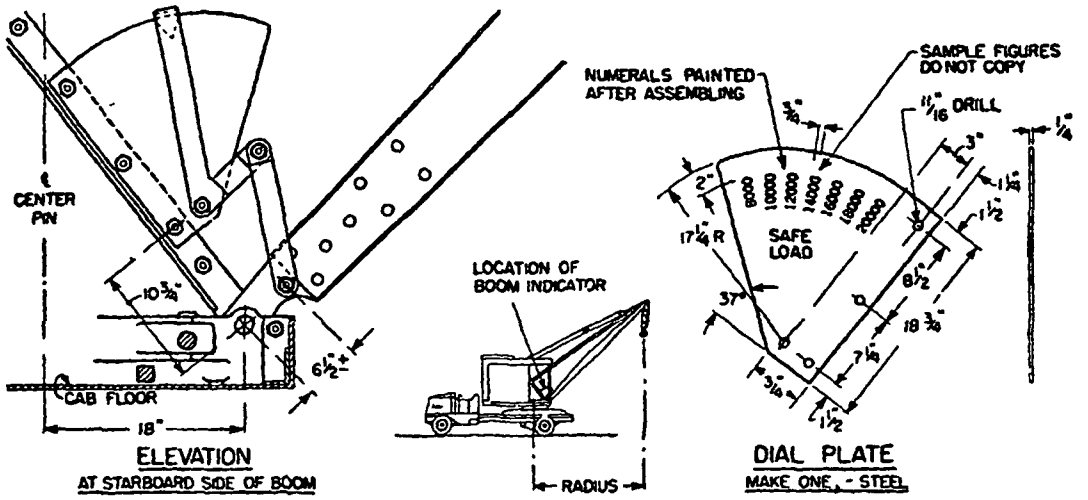



Fig 20–18 – Some details for boom-indicating device that shows the safe load with the boom at any angle Notes (*a*) Verify all dimensions of the crane before fabricating the indicator (*b*) After assembling the indicator, ascertain from the manufacturer of the crane the radii at which each additional 1000 pounds may be lifted safely Raise or lower the boom to give the desired radius and paint the figures on the dial at the proper point (*c*) Note that the boom radius is measured from the center pin of the crane, and not from the boom hinge pin

*From Consolidated Edison Company of New York and from* Handbook of Rigging, *W E Rossnagel (© 1950, McGraw-Hill Book Company)*

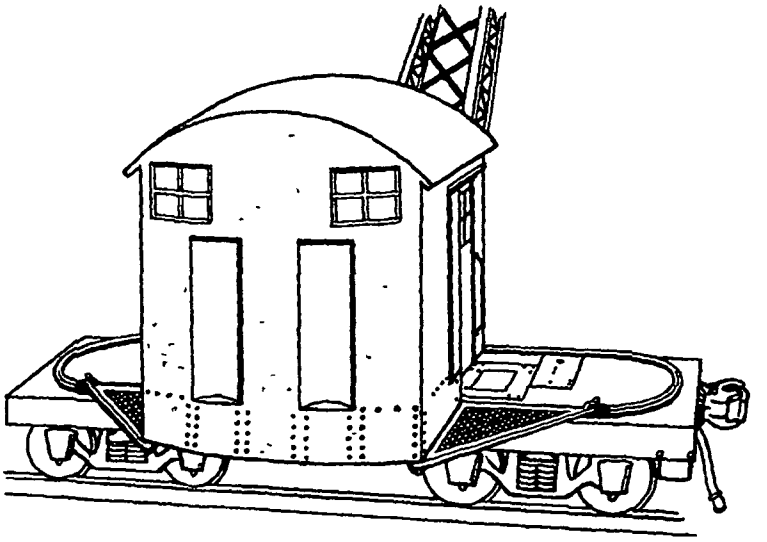


FIG 20–19 – Guard on locomotive crane prevents a man from being caught in the shear between the cab and the car body The guard is pivoted under the corner of the cab, and the slide at the farther corner follows the continuous guide track When the cab is parallel to length of the bed, guard is entirely under the cab, as cab swings out, the guard is extended