A single truss shall be positioned in the air cylinder or hydraulic test apparatus so that no more than the recommended bearing surface of the truss is supported. The truss shall be positioned so that the ends of the cylinder brackets (i.e., shoes) are the same distance \( A \) from both ends of the truss.

Deflections are read using a steel rule, dial indicator, or other suitable device, measuring the distance between a point marked on the bottom chord and the test machine base or other suitable support.

Heel end supported on bearing bar with roller or low friction pad so truss is free to move horizontally.