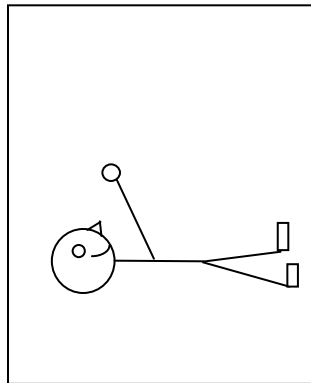
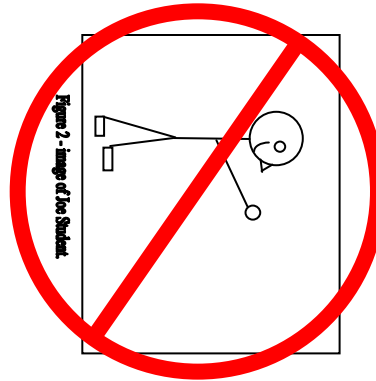


**Orientation of illustrations (figures and tables):** Most data can and should be displayed in portrait format, but if landscape is required, top should go to the left side of the page:



Correct (top is towards the left)



Incorrect (top is towards the right)

**Illustration Captions:** All figures (sketches, graphs, photographs, etc.) must have a figure number and description (caption) **below** the figure. If the image was not produced by the author (you) then it must be properly cited.

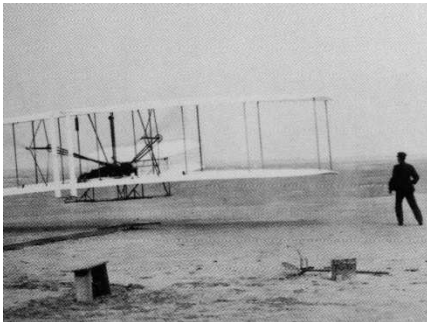


Figure 1 –Wright brothers first flight (this flight lasted only 12 seconds)<sup>1</sup>.

Caption must be sufficiently descriptive so that the figure (table, etc.) is “stand alone” – it is sufficient for the reader to understand what they should gain from the figure or table.

Photographs, sketches, data, etc. not produced by the author must have a citation.

*Provide bibliography information as footnote or in reference section:*

<sup>1</sup> [http://www.nasa.gov/multimedia/imagegallery/image\\_feature\\_976\\_prt.htm](http://www.nasa.gov/multimedia/imagegallery/image_feature_976_prt.htm)

For tables, the number and caption go **above** the table. Include units where appropriate. Also, cite the data if you did not create it. Caption should be meaningfully descriptive.

Example of a table that ***needs improving***:

Color	Wave Length	Speed
Red	650.2512	Faster
Blue	475.1258	Slower

Table 1 – light data.

Inadequate caption (does not inform the reader what the table is). Table numbers and caption go ABOVE the table.

Excessive significant figures, no units provided

Columns not properly aligned, and contain excessive empty space

The above table can be revised to be more ***professional in content and appearance***:

Numbered and titled above the table.

Table 1 – characteristics of red and blue light traveling in water.<sup>2</sup>

Color	Wave Length (nm)	Speed (relative)
Red	650	Faster
Blue	475	Slower

Reference utilized is cited.

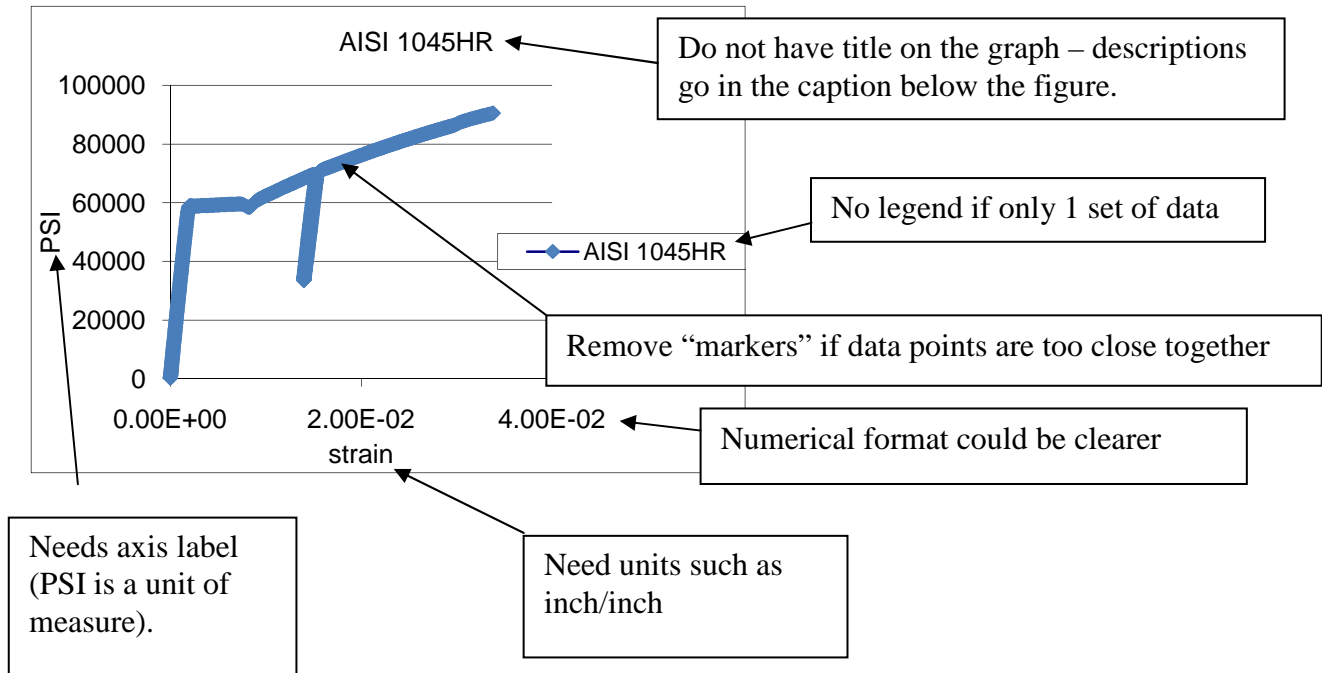
Caption is descriptive.

Columns nicely aligned and width properly adjusted.

Appropriate significant figures, units provided.

Provide bibliography information as footnote or in reference section:

<sup>2</sup> Halliday and Resnick, *Fundamentals of Physics*, Wiley and Sons, 1981



Above graph has been reformatted and is now of a **professional quality appropriate for engineering documents:**

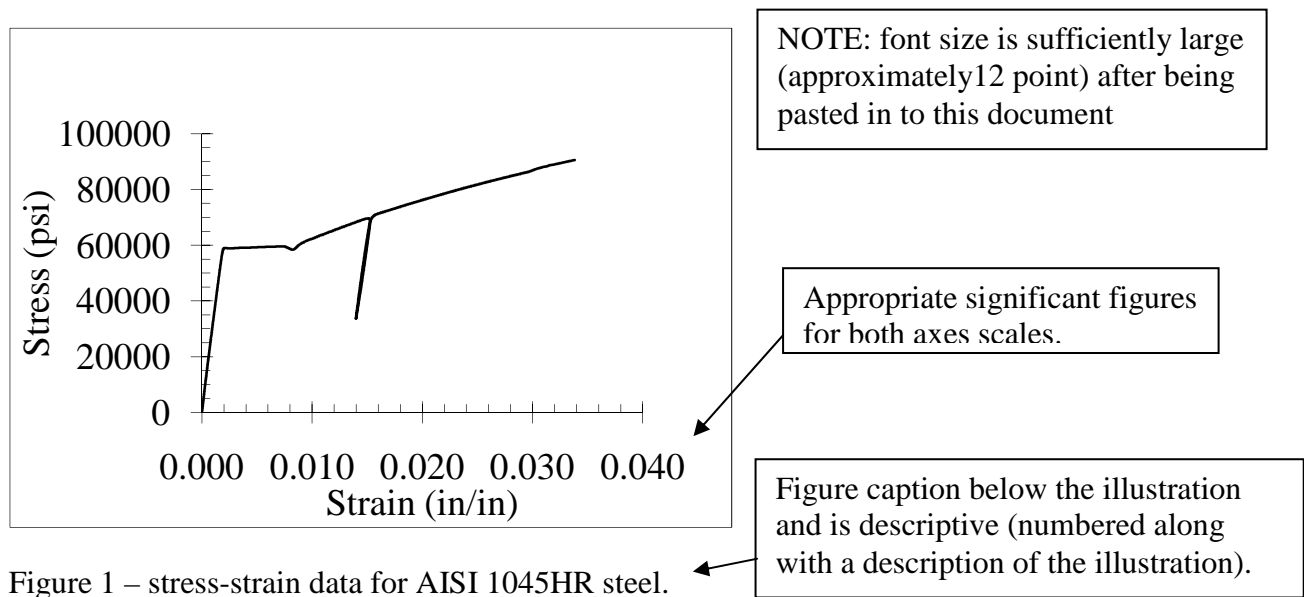


Figure 1 – stress-strain data for AISI 1045HR steel.