3D Model Analysis
Due: December 5, 2002 AD


2. Ground the bottom of the model and apply a uniform surface pressure of 80 lbs to the top. Analyze the resultant stresses and displacement. Use Red Oak as your material.

3. Ground the bottom of the model again, this time applying a point load of 80 lbs to the center of the top. Analyze the resultant stresses and displacement. Use Red Oak as your material.

4. Print out a report for both Parts A & B and explain the differences in the displacements and stresses between a point load and a distributed load on a surface.