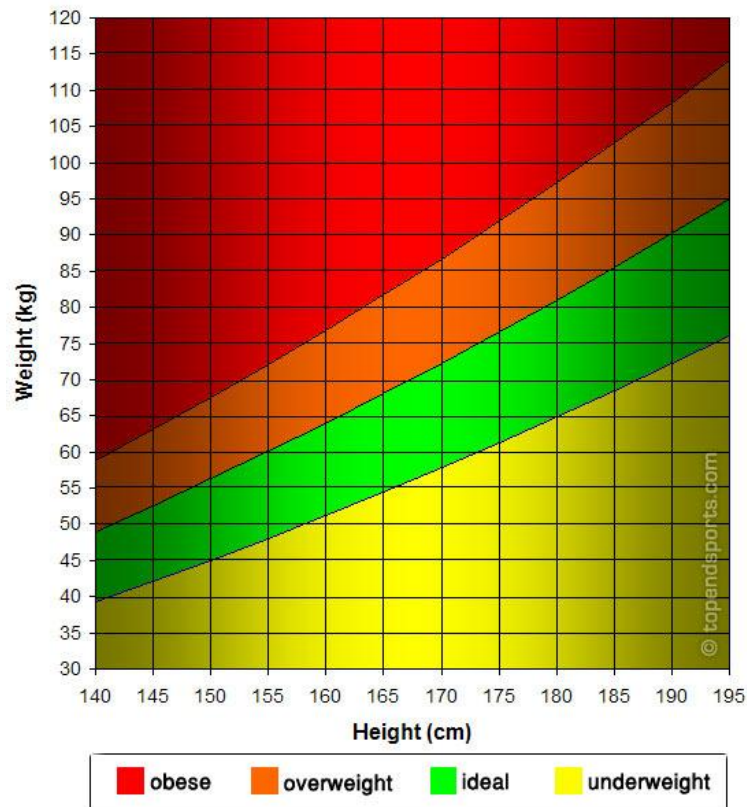


Assignment C2

Given that the terminal velocity of an ideal-weight skydiver with arms and legs outstretched is approximately 55 m/s. Determine the range of terminal velocities for all the skydivers whose height and weight is given in the figure below.

State any assumptions you have made (within reasons).



Hint: Use the value of skydiver's drag coefficient from <http://physics.info/drag/>