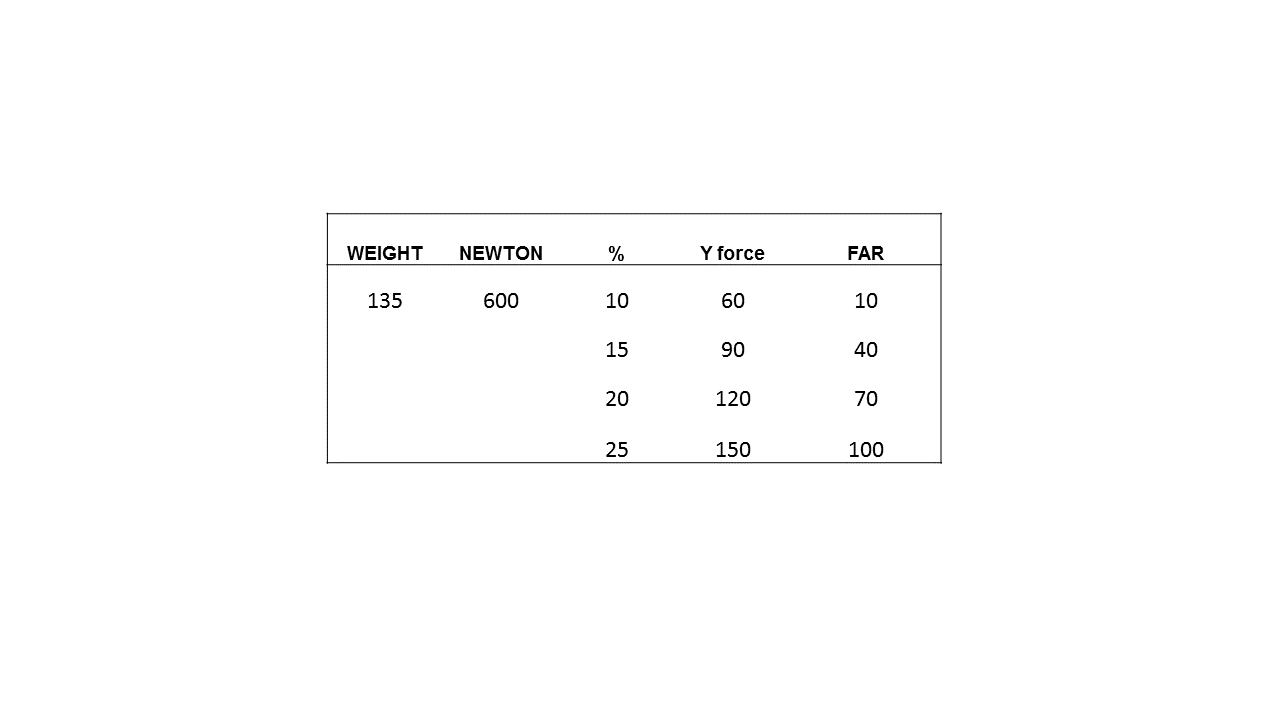
SUPPLEMENTAL DATA

**Example of KA-interface force-velocity relationship**: An individual weighing 135 lbs is 600 Newtons (135\*4.448 N). Therefore, fore-aft resistance equivalent to 10% vertical body weight while walking at a target speed of 1m/s will

b= (10/100)\*600–(50N.m/s)(1m/s) = 10 N (Supplemental)



\*FAR = Fore-aft resistance