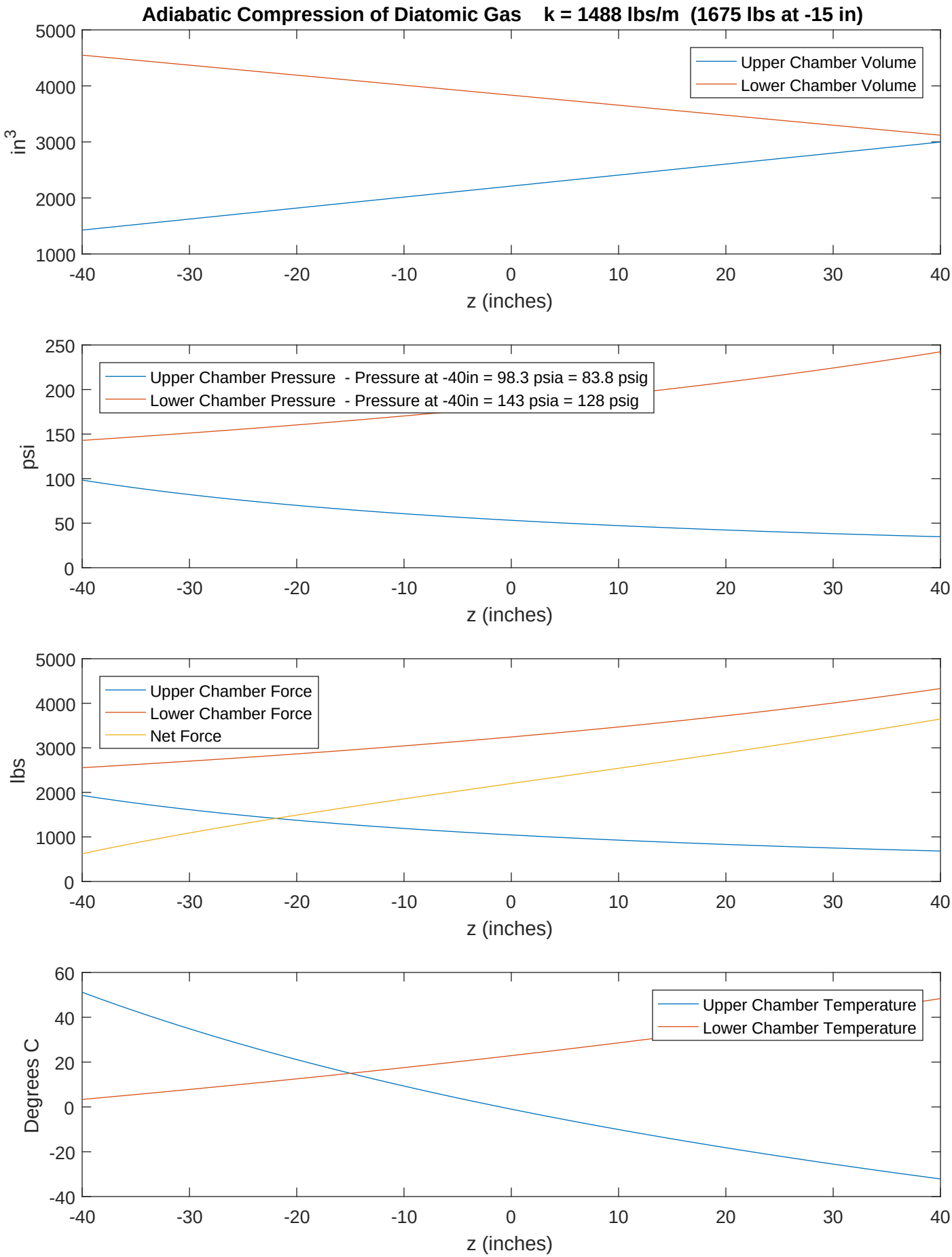
Adiabatic Compression of Diatomic Gas k = 1488 lbs/m (1675 lbs at -15 in)
Upper Chamber Volume
Lower Chamber Volume
in3
z (inches)
Upper Chamber Pressure - Pressure at -40in = 98.3 psia = 83.8 psig
Lower Chamber Pressure - Pressure at -40in = 143 psia = 128 psig
psi
z (inches)
Upper Chamber Force
Lower Chamber Force
Net Force
lbs
z (inches)
Upper Chamber Temperature
Lower Chamber Temperature
Degrees C
z (inches)