**Values of AR, S, Cl that maximize Wpay with (delta/b)max = 0.1 constraint:**

Wpay = 6.8418 kg, AR = 9.4050, S = 0.3500 m^2, Cl = 0.8000 (Design variables used: AR, S)

Wpay = 6.9530 kg, AR = 9.3700, S = 0.3500 m^2, Cl = 0.9600 (Design variables used: AR,S,Cl)

**Corresponding Cd, T, V:**

Cd = 0.0542, T = 0.7 N, V = 7.7597 m/s (Design variables used: AR, S)

Cd = 0.0644, T = 0.7 N, V = 7.1215 m/s (Design Variables used: AR,S,Cl)

**Values of AR, S, Cl that maximize Wpay with (delta/b)max = 0.05 constraint:**

Wpay = 5.9890 kg, AR = 7.700, S = 0.3500 m^2, Cl = 0.8000 (Design variables used: AR, S)

Wpay = 6.0062 kg, AR = 7.700, S = 0.3500 m^2, Cl = 0.8500 (Design variables used: AR,S,Cl)

**Corresponding Cd, T, V:**

Cd = 0.0593, T = 0.7 N, V = 7.4219 m/s (Design Variables used: AR,S)

Cd = 0.0629, T = 0.7 N, V = 7.2069 m/s (Design Variables used: AR,S,Cl)

**Values of AR, S, Cl that maximize Wpay with (delta/b)max = 0.15 constraint:**

Wpay = 7.3380 kg, AR = 10.5900, S = 0.3500 m^2, Cl = 0.8000 (Design variables used: AR, S)

Wpay = 7.5596 kg, AR = 10.5100, S = 0.3500 m^2, Cl = 0.9950 (Design variables used: AR,S,Cl)

**Corresponding Cd, T, V:**

Cd = 0.0517, T = 0.7 N, V = 7.9489 m/s (Design Variables used: AR,S)

Cd = 0.0630, T = 0.7 N, V = 7.1998 m/s (Design Variables used: AR,S,Cl)