velocity comparison

ballistic capsule:
$\beta = 400 \, \mathrm{kg/m^2}$
$L/D = 0.00$
$\gamma_0 = 10.0\,°$
$h_0 = 100 \, \mathrm{km}$

lifting body:
$\beta = 50 \, \mathrm{kg/m^2}$
$L/D = 1.00$
$\gamma_0 = 5.0\,°$
$h_0 = 100 \, \mathrm{km}$