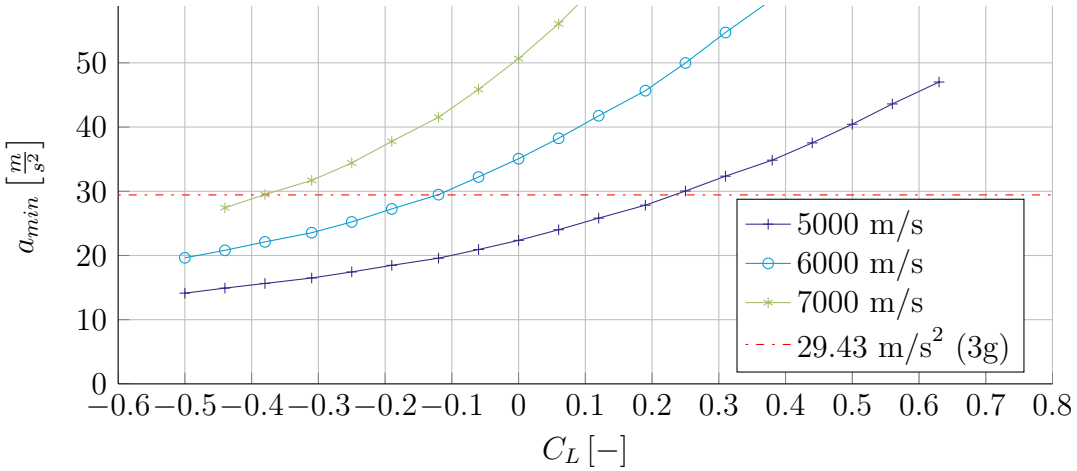
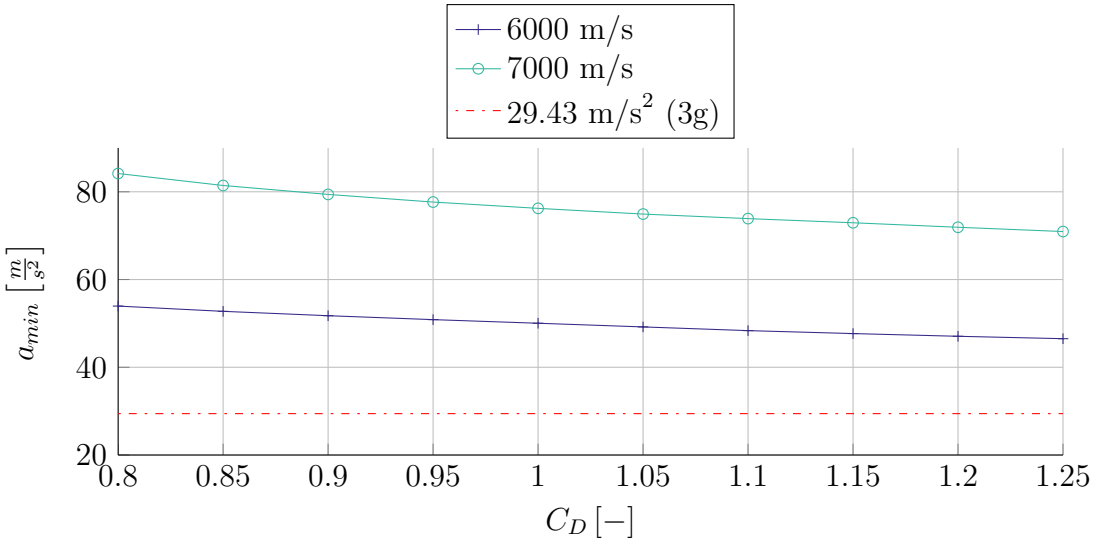
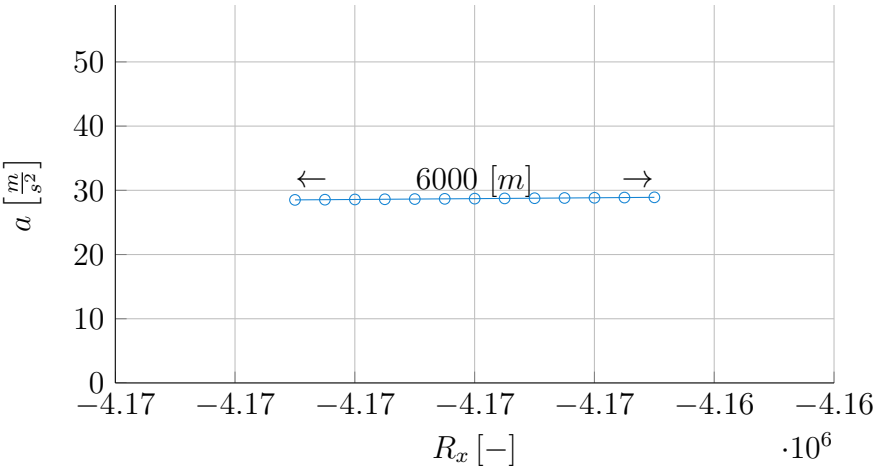


The minimal load for entering an orbit around Mars with no active control, a constant C_D (1.25) and variable C_L at different initial velocities.



The minimal load for entering an orbit around Mars with no active control, a constant C_L (0.2) and variable C_D at different initial velocities.



The range of R_x for entering an orbit around Mars with no active control, a constant C_D (1.25) and C_L (-0.4) at an initial velocity of 7000 $\left[\frac{m}{s}\right]$.