

Sun (x10)

Initial Earth (x1000)

Final Mars (x1000)

- - Earth Orbit

- - Mars Orbit

Departure CR3BP Arc (TOF = 228 d)

Departure Conic Arc (TOF = 298 d)

Bridge Conic Arc (TOF = 201 d)

--- Arrival Conic Arc (TOF = 11.9 d)

—Arrival CR3BP Arc (TOF = 446 d)

• $\Delta v_1 = 2.055 \text{ km/s}$

 $\Delta v_2 = 3.238 \text{ km/s}$