

Sun (x10)

Initial Earth (x1000)

Final Mars (x1000)

- - Earth Orbit

- - Mars Orbit

Departure CR3BP Arc (TOF = 284 d)

Departure Conic Arc (TOF = 268 d)

Bridge Conic Arc (TOF = 204 d)

- Arrival Conic Arc (TOF = 0.354 d)

-Arrival CR3BP Arc (TOF = 446 d)

• $\Delta v_1 = 2.445 \text{ km/s}$

 $\Delta v_2 = 3.122 \text{ km/s}$