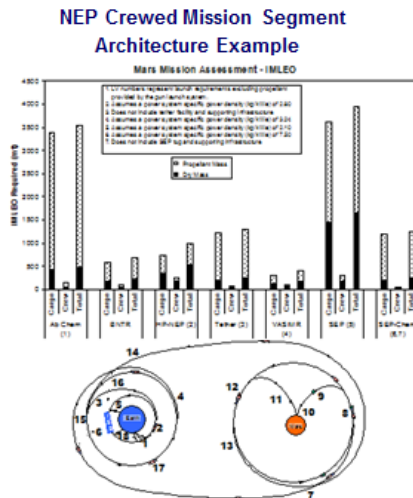


Determine Cost/Schedule Impacts for Trade Studies

JeTSI cost analysis experts can efficiently evaluate cost/schedule requirements associated with alternative technology and implementation plans

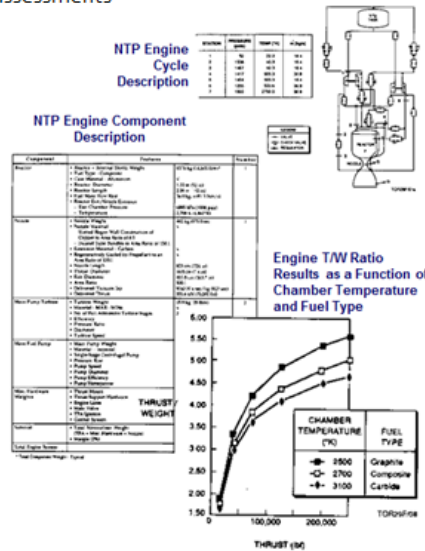
In-Space Propulsion

- NASA MSFC sponsored study to identify promising propulsion system options to perform a 2018, one-year crewed Mars Mission – 2000
- Study results supported NASA 2000 Decadal Mission Assessment Effort, as well as the corresponding In-Space Propulsion Technology Development Plan



Nuclear-Thermal Propulsion

- Developed for GRC in the early 1990's and successfully used the Nuclear Engine System Simulation (NESS) model and used to support GRC's Bimodal NTP/LANTR design assessment efforts in the mission design/risk assessment areas
- Past NTP system data is available to support assessments



Mars Astrotel Architecture Model

- Developed an architecture and modeling approach to examine innovative architectures to support human exploration of Mars
- Provided quantitative assessments of architecture options in terms of life cycle cost and other performance metrics

