

Alright, treat this as a placeholder - I'm gonna redo this

- Safely land a payload on the asteroid (16) Psyche
  - Decelerate on descent
    - Provide maneuvering apparatus
  - Land on range of possible surfaces (surface is not exactly known)
    - Adapt to the detected surface type
    - Provide navigation functionality
    - Provide maneuvering apparatus
  - Arrive at Psyche
    - Travel from launch vehicle
    - Orbit the asteroid
    - Provide maneuvering apparatus
  - Communicate with orbiter/earth
    - Use radio
  - Support internal components
    - Provide solid mounting points
  - Protect internal components
    - Provide vibration protection
    - Provide temperature protection
    - Provide radiation protection
  - Protect payload
    - Provide enclosure for payload
  - Release payload
    - Provide a payload release apparatus