

### **Specification:**

- High power laser 80 KW
- Pulsed at 10<sup>-16</sup> sec
- Speed > 40,000 Km/hr
- Load 50 Kg
- Orbit LEO (Low earth orbit)
- Propulsion compressed air
- Controls (upon request)
- Launching (2 x 20ft container)
- Launch control (3 earth positions)

# 3 Stages launch sequence:

# Stage 1

- Ground to 125km to escape velocity
- Momentum put the rocket at 250-800km orbit

### Stage 2

- Satellite released
- Compressed air put in orbit
- Upon stability, float by itself

# Stage 3

- Control at Command & Control center

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