WE CLAIM:

1. A mobile orbital launcher system comprising:

a launch vehicle and

launch related subsystems;

wherein the launch related subsystems will fit on a trailer which is capable of travelling by road or sea; and

wherein the launch vehicle will fit on the trailer in a horizontal position; and

wherein the launch vehicle articulates from the horizontal position to a vertical position on the trailer utilizing a tilt cylinder.

2. The mobile orbital launcher system as claimed in claim 1 wherein the launch related subsystems can travel via road or sea based on a requirement and launch at a required time.

3. The mobile orbital launcher system as claimed in claim 1 wherein the launch vehicle after reaching a required location will articulate with the help of the tilt cylinder and make the launch vehicle vertical.

4. The mobile orbital launcher system as claimed in claim 1 wherein the tilt cylinder is hydraulic actuator.

5. A method of mobile orbital launching system (600) comprising the steps of:

assembling a launch vehicle at a launcher in an assembly area (100);

transporting the launch vehicle with the launcher via road (200);

transporting the launch vehicle with the launcher via sea (300);

placing the launcher at a launch site before articulation (400);

articulating the launch vehicle and filling (500) the launch vehicle with propellant; and launching the launch vehicle.

6. The method of mobile orbital launching system (600) as claimed in claim 5 wherein the launch vehicle along with its launch related subsystems will be carried out on a single trailer.

7. The method of mobile orbital launching system (600) as claimed in claim 5 wherein during transportation, the launch vehicle will be in horizontal position and the launch vehicle will be in a completely dry condition.

8. The method of mobile orbital launching system (600) as claimed in claim 5 wherein the launch vehicle is filled with the propellant and pressurant.