



Contact: emdrivemotors@aol.com

Funding:

Seeking \$38 Million.

Use of Proceeds :

POC \$2.2M / 18 months

CubeSat \$5.5M / 3 years 6 months

UAV \$30M / 3 years 6 months

PR \$0.3M

Competitive Advantage:

- + cut costs on aerial and space propulsion
- + save money due to no propellant
- + protect atmospheric environment
- + protect ground environment due to no roads

Team:

Founder : Luna Aircraft Corp.

Managing Director: Pascal Leger

Consultant : Satellite Propulsion Research Ltd.

President : Roger Shawyer

Elevator Pitch:

EmDrive Motors is a consumer vehicle equipment company producing engines allowing levitation in the air and in space. On Earth, we empower individuals and companies to enjoy environment friendly propellant-less vehicles including "flying cars", hence, not having to deal with traffic congestions. In space, EmDrive Motors brings to entrepreneurs a mean to propel their crafts in geostationary orbit or across the solar system at a fraction of the current cost presented by the aerospace industry.

Problem:

Earthly transportation faces increasing traffic congestions. This means a waste of productive time, an over consumption of gas, and unnecessary stresses. In space, the costs to launch and operate missions - whether manned or unmanned - are too high for most public and private projects.

Solution:

On Earth, electro-magnetic (EM) technology-based engines allow for a safe levitation above ground therefore solving the problem of congested roads. EM is environmentally friendly as it does not require a propellant, and is fueled by liquid hydrogen. The only exhaust is water from the fuel cells. With an incremental period to transit from old transportation modes to EM-based ones, and a set of new regulations for low flight vehicles (below 100m), EmDrive Motors will contribute to a more productive and healthier society on Earth and in its atmosphere. In space, electro-magnetic engines produced by EmDrive Motors will bring about opportunities for all nations and their citizens to venture in touristic, scientific and educational cosmic missions: the dream, the "giant leap", of humankind come true!

Technology:

EmDrive Motors engine does not eject mass to propel the vehicles it equips but achieves momentum conservation electromagnetically. It produces thrust by the amplification of the radiation pressure of an electromagnetic wave propagated through a resonant waveguide assembly. Patent GB 2537119 entitled Superconducting Microwave Radiation Thruster has been granted by the UK Intellectual Property Office on 11/08/2021.

Market Opportunity:

Over 100 million road, "Earth market", vehicles were produced in 2020, 78 million of which were cars. The growing space market will, with EmDrive Motors, benefit a cheap propulsion system for satellite, manned and cargo missions in GEO or in the solar system. Last, but not least, the cargo marine industry, the most - by far - polluting transportation mode, will see its fuel consumption cut to 1/3 or, in the LNG case, to zero. With the vast terrestrial and space opportunities such EM technological brings, EmDrive Motors also aims at inspiring engineers and companies to develop their own EM type of propulsion technologies.

Status:

EmDrive Motors Corp. is at a seed stage. Proof of concept has been achieved within UK and US government programmes. EmDrive Motors is to duplicate such POC programmes within the first 18 months, and then will develop CubeSat and UAV engines.