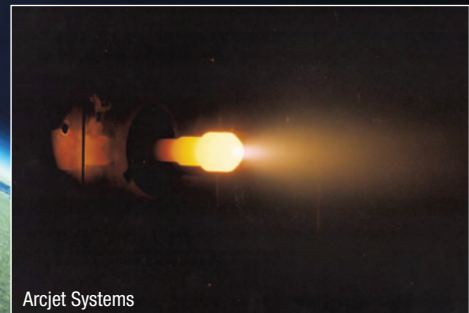


Aerojet Rocketdyne

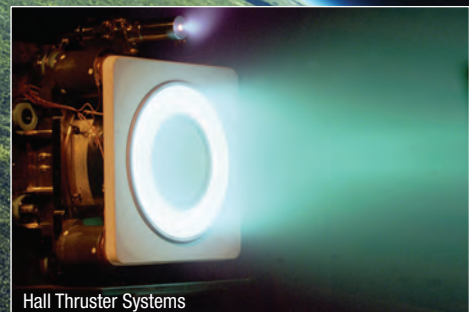
ELECTRIC PROPULSION SYSTEMS



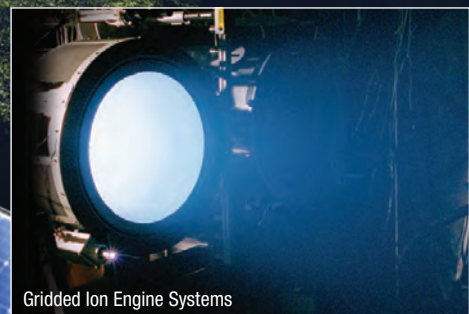
Electrothermal Thrusters



Arcjet Systems



Hall Thruster Systems



Gridded Ion Engine Systems

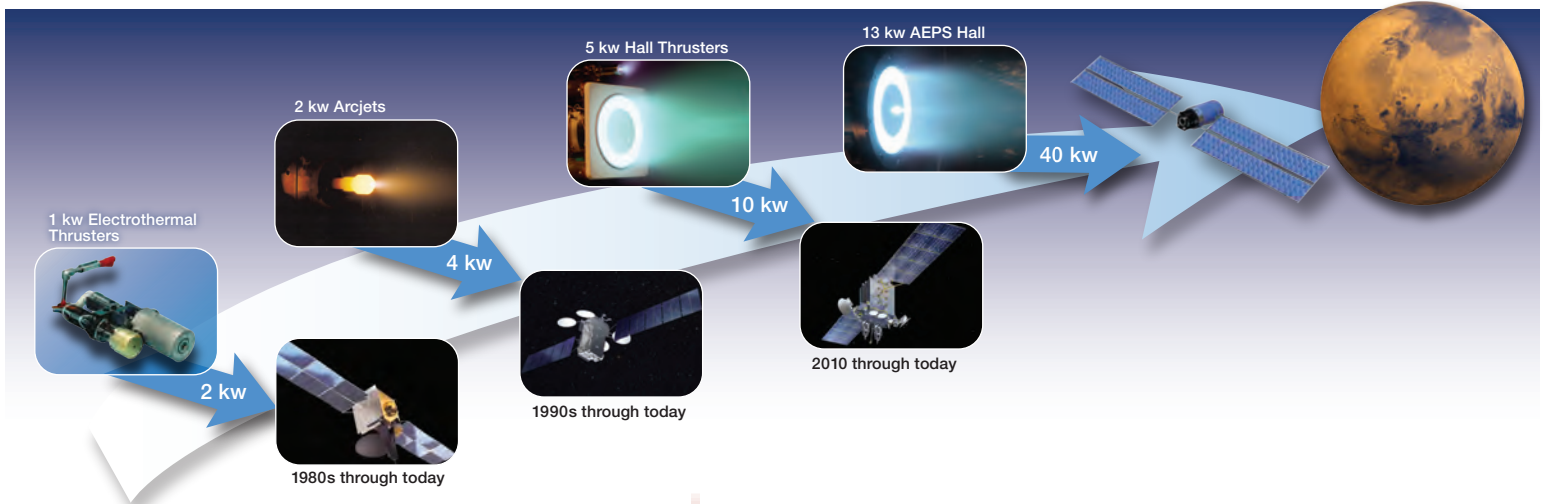
Aerojet Rocketdyne

Aerojet Rocketdyne has been developing electric propulsion systems since 1980 and today, more than 150 satellites use electric propulsion systems built by the company.

Working in cooperation with NASA and the U.S. Air Force, Aerojet Rocketdyne has successfully transitioned three generations of electric propulsion devices into commercial exploration and national security applications.

ELECTRIC PROPULSION SYSTEMS

TRANSITIONING ELECTRIC PROPULSION INTO BROAD COMMERCIAL APPLICATIONS



JOURNEY TO THE MOON AND MARS

Aerojet Rocketdyne and NASA are working together to design and develop an advanced electric propulsion system that will enable humans to go back to the Moon and on to Mars. Electric propulsion enables efficient transfer of cargo and science payloads in advance of the arrival of crews. The electric propulsion systems being built are three times more powerful than current electric propulsion systems and 10 times more fuel efficient than comparable chemical systems.



ORBITAL TRANSFER & STATION KEEPING

Electric propulsion is commonly used to keep communications satellites in their proper orbital locations. More recently, electric propulsion is frequently being used as an efficient means for major orbit transfers. Electric propulsion systems are ideal for travelling long distances with significantly less propellant than conventional chemical propulsion systems.

OPERATIONAL SATELLITES WITH ELECTRIC PROPULSION

