



Out of this world Innovation

with GE & NASA

In Space ...

MATERIALS MADE FOR MOONWALKING



Apollo 11 astronauts Buzz Aldrin & Neil Armstrong wore rubber boots and a plastic visor invented by GE to walk the moon.

ELECTRONICS THAT CAN TAKE THE HEAT

Developing a ruggedized UV imager that can handle extreme temperatures & pressures to explore Venus' surface.



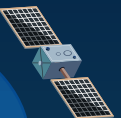
Temperatures on Venus can reach 900° F, which is as hot as a wood-fired pizza oven!

CARBON-FREE POWER BEYOND MARS

Part of a project led by **Ultra Safe Nuclear Corporation** to develop an advanced nuclear propulsions system to enable travel to Mars and beyond.

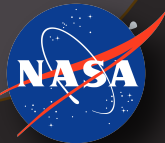


Advances in nuclear technology could help promote the world's largest carbon-free energy source at home.



EYES ON HEALTH

NASA studied the effects of microgravity on the vision of astronauts with **GE's Vivid™ q** cardiovascular ultrasound system at the International Space Station.

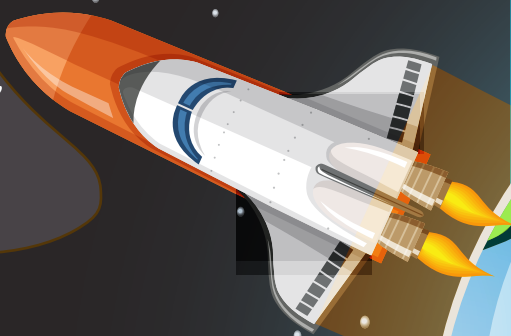


Monitoring changes in brain pressure could advance the understanding of the underlying causes of traumatic brain injuries.



BUILT TO LAST: THE QUEST FOR MACHINE IMMORTALITY

NASA Voyager 1 & 2 spacecraft (w/ GE technology), **45 years** in space, **13+ billion miles** traveled.



GE's CF6 engine – **50 years** of service, with more than **460 million** engine flight hours.



On Earth ...

Material inventions supporting the mission helped spawn scratch-resistant lenses, vehicle tires, compact discs and much more.



Pushing electronics and sensing applications to hotter, harsher portions of unmanned vehicles, hypersonic platforms, jet engines and power turbines.

