

MICROSPACECRAFT: A CONCEPT

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ABSTRACT

There is need for smaller, faster, more frequent space science missions. Smaller spacecraft may enable such missions. Technology has been developed by the United States' Department of Defense and other government agencies that can enable smaller spacecraft. This author has developed a generic concept for utilizing advanced technology to create a microspacecraft. A microspacecraft would have a mass on the order of 10 kg. This paper will present this microspacecraft concept.