

CHROMATOGRAPHY AND SEPARATION SCIENCE &

SATELLITE AND SPACE MISSIONS

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John M Quinn

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Biography

John M Quinn started his career as a member of the US Navy's Silent Service. Having traversed the depths of the ocean, developed control engineering skills and built a few engineering companies, he shifted his focus to a quest for space. To achieve this endeavor, John joined his friend and mentor David Mitchell (most commonly known as a 4th Generation Texas Oil man, founder of TRADE way and Pastor) to cofound and lead Exos through the development of reusable rockets. John is passionate about the space and believes the next breakthrough in Industry, biotech and education will be found in the microgravity of space. Exos is nearing completion of their reusable SARGE suborbital launcher that is the technological basis for their orbital launcher technologies. By proving their technologies on a reusable suborbital vehicle, Exos can mitigate risk of entry as they the race to provide reusable orbital capability to the micro and nanosat markets.

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SARGE SRLV PATHFINDER MISSION REVIEW

Statement of the Problem: Exos believes it's far to hard to get research payloads to space and we've made it our quest to do something about it. Utilizing our SPACEdu... program we can help educators put payloads in space in as little as 60 days (and that's because the regulations have not caught up with our capabilities yet and that's how long it takes for payload reviews in the US). Next our SPACEaid... program will allow us to conduct hundreds of biomedical research experiments (per flight) aboard our reusable launch vehicles that are built to be turned around and flown again within a few days of recovery. And finally our third area of focus is SPACEbuild... where we envision companies using the microgravity and vacuum environment of space to manufacture goods that simply cannot be manufactured or compounds that can't be blended in the earth's atmosphere. Exos is excited to share our flight experience with you at the Satellite and Space and Conference and open your eyes to the possibilities frequent suborbital and small orbital launches can enable.



Fig.1. The Pathfinder launch of the Exos SARGE SRLV on August 25th 2018



Note: