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Saber Astronautics Wins USD \$1.875M Contract with the US Air Force for a Virtual Reality Space Operations Center

Colorado, USA: The US Air Force has awarded Saber Astronautics a USD \$1.875M Phase II contract to develop next generation space operations concept called the “Space Cockpit”. Space Cockpit is a world first virtual reality space operations center that enables operators across US services and allied partners to visualize the local space environment, make rapid decisions, and manage large number of space objects.

“This is an exciting project that leaps years ahead of current space operations capability,” said Dr Jason Held, Saber Astronautics’ CEO. “Space Cockpit makes it easy to control large numbers of satellites in an increasingly busy environment. The number of satellites in orbit is expected to triple in the next ten years, so this is equally important for military and civilian operators alike.”

Saber’s engineers completed a Small Business Innovative Research (SBIR) Phase I that was demonstrated to US Air Force operators in Colorado Springs last February. Initial prototypes built off of Saber’s heritage Predictive Ground station Interface (PIGI) was used to show fundamental concepts in constellation design and operational control for military missions.

The contract with the USAF is part of a new “Rapid” acquisition program, where Phase II SBIR can allow larger projects if matching funding is directly available from a US DoD customer. Saber Astronautics will be deploying the technology to military customers and providing civilian services to the commercial space sector at the end of 2020.

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Video demo is here: <https://youtu.be/vwpZC3KUtgc>

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About Saber Astronautics

Saber Astronautics' mission is to reduce barriers to space flight, making it more accessible to people on Earth. Saber's Predictive Ground station Project (PIGI) is a next-generation space mission control software developed by an experienced team of space operations, systems control, UX, and robotics experts. PIGI brings together the latest techniques in human factors, artificial intelligence, and dynamic 3D data visualization to make it easy for spacecraft operators to monitor, fly, and rapidly diagnose faults in spacecraft systems.

For more information, please visit www.saberastro.com

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