



For Immediate Release

ROCKETSTAR ROBOTICS COMPLETES TWO NASA SBIR CONTRACTS FOR GEAR AND ACTUATOR INNOVATION AND RESEARCH

Contact: Douglas Petercsak 877.423.7795 info@rocketstarrobotics.com

CAMARILLO, CALIFORNIA – September 29th, 2011 – Rocketstar Robotics Inc. has completed two Small Business Innovation Research (SBIR) contracts for NASA. NASA awarded the two contracts to Rocketstar Robotics for the development of advanced actuator and gear technology. The contracts were SBIR Phase I contracts and were completed within the allotted schedule.

One contract was awarded for the development Modular Actuators for Spacecraft Applications. Rocketstar developed a modular approach for spacecraft actuators that NASA deemed so innovative that it funded the continued research.

A second contract was awarded for Extreme Temperature Hybrid Gearbox Technology which will allow the construction of transmissions that can operate over broad temperature ranges. The development is needed by NASA to allow the construction of robotic probes that can explore hostile environments like those of Venus, Mars and Europa.

About Rocketstar Robotics

Dedicated to providing actuators and mechanisms for spaceflight applications Rocketstar Robotics features a management and engineering team with over 70 years of experience in the design and manufacture of spacecraft motors, gearboxes, actuators and mechanisms. Rocketstar Robotics engineers have designed an unparalleled number of mechanisms for Mars applications and are experienced in an extensive range of transmission, motor, telemetry and mechanism designs. Applications include:

- Gimbals for pointing antennas, cameras and instruments
- Solar array drives
- Deployment actuators
- Robotic manipulators
- Reaction and momentum wheels
- Filter wheels
- Sampling systems
- Aperture covers

For more information, please visit <http://www.rocketstarrobotics.com>.

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