



*For Immediate Release*

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

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CAMARILLO, CALIFORNIA – February 16<sup>th</sup>, 2011 – NASA has awarded two Small Business Innovation Research (SBIR) contract to Rocketstar Robotics for the development of advanced actuator and gear technology. The contracts are SBIR Phase I contracts and are planned to be completed over a six month schedule.

One contract has been awarded for the development Modular Actuators for Spacecraft Applications. Rocketstar is developing an modular approach for spacecraft actuators that NASA deemed so innovative that it was funded for continued research.

A second contract has been 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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