

FOR IMMEDIATE RELEASE

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Headline: Sagebrush Technology Sponsors UNM Senior Mechanical Design Team

Sagebrush Technology, Inc., supported by Jaguar Precision Machine Corp, sponsored a UNM 2005 Fall Semester Senior Design Team project for a Low Cost Pan and Tilt Gimbal. The six member student Design Team presented their results in a Final Review for ME 460, Mechanical Engineering Design, taught by Dr. Ron Lumia at the UNM Manufacturing Training and Technology Center in December.

The senior project addressed all aspects of product design including market requirements, competitive considerations, design alternatives, prototype design, performance analysis, fabrication, assembly and testing considerations, production facility requirements, labor, materials and other fabrication costs as well a patent opportunities. Mr. August Sanchez, Sagebrush's Technical Director, mentored the students during the course of the design. Sagebrush provided common servo-controlled electronics boards as well as motors/gearboxes coupled to their patented Roto-Lok® drive technology for the prototype. Jaguar Machine, graciously provided the facilities and machinery for the students to manufacture the mechanical parts.

Sagebrush congratulates the UNM Design Team consisting of Edidson Lima, Greg Stratton, Dan LeBoeuf, Michael Bermudez, Ray Campos and Dustin Reeder on a comprehensive, well-designed prototype. Sagebrush believes that the design has immediate applications for high-rate production in the camera security and surveillance marketplace as well as for positioning other sensors such as chemical agent detectors, laser rangefinders and small communications antennas.

Dr. Joseph Zmuda, President of Sagebrush Technology, highly recommends that many more companies in the New Mexico high-tech corridor avail themselves of the opportunities to utilize the UNM Senior Design Projects as an adjunct to their internal development programs. These opportunities would also provide university students to gain real-world experience, an invaluable asset in their education and their value to New Mexico.