

**For Immediate Release
October 12, 2004**



Autonomous Vehicle Systems Successfully Completes Initial Desert Testing

Autonomous Vehicle Platform Met or Exceeded All Test Objectives

SAN DIEGO, CA – Autonomous Vehicle Systems LLC successfully completed a rigorous battery of tests on its prototype autonomous vehicle, *Flying Fox*, on October 9, 2004. The tests were conducted to verify performance and safety aspects of the actuation and telemetry systems. The system test consisted of over 100 test points to demonstrate the ability to meet the 5 primary test objectives.

“Everything went smoothly,” said Matt Anderson, actuation subsystem lead. “There were no surprises. The system performed just as we expected.”

Due to the successful performance of the actuation system, the vehicle test envelope was expanded from the original test plan. The vehicle was tested at speeds up to 38 MPH.

The other key test area was the telemetry system. Telemetry is important during testing for test personnel to monitor the health and safety of the vehicle as well as obtain real time data. Telemetry range was demonstrated at over ½ mile.

“This is a major milestone in the development of a completely autonomous vehicle system,” said company president Dr. Michael Vest. “We are pleased with the success of this series of tests. Most importantly, we demonstrated autonomous system shutdown in the event of loss of contact with test personnel. Safe operation of an autonomous ground vehicle is our primary concern.”

Vest went on to explain that the test was completed on schedule and under budget. Though the majority of the team is located in Southern California, there are several team members from a several different states as well as foreign countries. This system demonstration also showed that the team can successfully design a system regardless of the physical distances between members.

Photos and videos of the test are available on the company web site at:
<http://www.autonvs.com/media.html>.

About Autonomous Vehicle Systems

Autonomous Vehicle Systems LLC brings together industry professionals and research scientists to advance breakthroughs and products in driverless vehicle technology. Based in San Diego, CA, Autonomous Vehicle Systems maintains a vehicle integration center in Fullerton, CA with an international team of highly skilled individuals, corporate partners, and academic institutions. More information on the company is available at www.autonvs.com.

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