NEWS RELEASE

EMT's LUNA X-2000 UAV successfully demonstrates its new capability as an airborne data link relay

August 30, 2000 - - Penzberg, Germany. EMT, a leading manufacturer of aerial target systems and unmanned aircraft reconnaissance systems, announced today that its tactical UAV system LUNA X-2000 has successfully demonstrated its new capability as an airborne data link relay. EMT furnished evidence of controlling from one ground control station the beyond line-of-sight reconnaissance UAV through the UAV working as a data link relay (also a LUNA X-2000), while receiving real-time video imagery from both UAVs.

As a commercial off-the-shelf payload, the data link relay will soon be ready for production by EMT.

The transfer of imagery data from a reconnaissance UAV to its ground control station in real-time requires, in a way, line-of-sight. However, the use of a relay drone can dramatically extend this communication range and provides the capability to look behind mountains.

As part of the demonstration the LUNA X-2000 relay UAV was launched and positioned in a circular orbit. This initial flight path can be changed at any time by the operator in accordance with the requirements of the surveillance mission. The reconnaissance UAV, also a LUNA X-2000, was activated through the relay UAV and successfully launched from its catapult, many miles away and beyond line-of-sight to the ground control station. The reconnaissance UAV performed its surveillance mission autonomously or as directed by the operator, and flight data as well as video images in excellent quality were transmitted to the ground control station via the airborne data link relay. At the end of the mission both aircraft landed safely.

EMT Ingenieurgesellschaft Dipl.-Ing. Hartmut Euer mbH • 82377 Penzberg • Germany

Tel.: +49 8856 92250 Fax: +49 8856 2055 www. EMT-Penzberg.de Sales@EMT-Penzberg.de