

NEWS RELEASE



LUNA UAV Program

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LUNA, the tactical reconnaissance UAV developed by EMT in Germany, made its debut in Kosovo in March 2000, and has since then flown more than 1300 successful missions over Kosovo, Macedonia and Afghanistan.

LUNA has proven its reliability and technical maturity at day and night and under extreme climatic conditions within the scope of these international missions.

Because of its recent design, and by implementing the latest technology available on the market as well as incorporating modern ergonomic principles, LUNA represents state-of-the-art technology and field-proven user-friendliness.

LUNA is an easy to operate, light-weight, extraordinary powerful and moderately priced drone system for real-time reconnaissance and surveillance at day and night with a data-link range of > 65 km and an endurance of > 3 hours. Due to its compact size and low crew requirements the LUNA system is highly mobile and can be relocated in a very short time by helicopter. In addition, the new net landing procedure allows landing in difficult or mine infested terrain.

The air vehicle, the catapult and the ground control station have all required military certifications to be operated by the German Army. LUNA is the only real-time UAV reconnaissance system operated by the German Army with a military Category II type certificate, which allows it to fly outside of specially designated military or prohibited areas over sparsely populated areas.

The modular payload concept permits the simple field replacement of various electro-optical sensors for day and night reconnaissance in real-time with other payloads. EMT will furnish proof of the unrestricted applicability of the system as a platform for the SAR radar sensor that is soon available, for deployment of weather sondes, or for mine detection, to name a few. The use as a relay drone has been successfully demonstrated; the hand-over of a LUNA from one ground control station to another or the landing in a net are part of the operational mission concept.

Program Milestones:

August 96	EMT is winner of a BWB call for tender among 8 internationally renowned UAV manufacturers
October 97	BWB R & D contract with EMT
Mar. 00 - today	Operation in Kosovo, Macedonia and Afghanistan
Aug. 02	Delivery contract for LUNA MTH and LUNA Mech. Brigade systems
2003	Fielding of new LUNA systems