



Press release

April 8th 2010

Successful maiden flight of MUSECO VTOL UAV with combat proven Ground Control Station

In a joint effort Swiss UAV and EMT Penzberg successfully flew the first fully automated mission on the combat proven EMT LUNA Ground Control Station with its MUSECO VTOL UAV.

The flights are the result of joint integration efforts during the last months by Swiss UAV and EMT Penzberg, an aviation expert and supplier of the LUNA unmanned system to the German Armed Forces. The vertical take-off and landing capabilities of the NEO S-300 are now part of the LUNA fixed-wing unmanned system family. MUSECO is a combination of Swiss UAV's NEO S-300 air vehicle with its vertical take-off and landing capability and parts of the LUNA UAV avionics, e.g. data link and electro optical day and night sensors. MUSECO is an abbreviation for *Multi Sensor Copter*.

During the flights MUSECO was controlled through the combat proven LUNA Ground Control Station and fully integrated the LUNA Command & Control communications links. The system demonstrated an automatic waypoint flight and in-flight deviations due to mission changes during its maiden flight. It submitted online crisp-clear LUNA payload images at all times.

About Swiss UAV

The swiss-based company develops and produces small and medium sized vertical take-off and landing unmanned aerial vehicles (VTOL UAVs). Early successes with the NEO and KOAX platforms have led to the development of fully redundant and autonomous systems specifically targeting mission critical applications both in the civil and military markets. Swiss UAV is in a partnership with Swedish Aerospace expert Saab AB and established itself as research and development hub for the VTOL UAV niche.

About EMT

EMT was founded in 1978 by Dipl.-Ing. Hartmut Euer. EMT is a certified aviation company and supplier of air vehicles and aviation equipment. For more than 30 years EMT develops, manufactures and supports innovative products for the Armed Forces. EMT is a system house for Unmanned Aerial Vehicles or drones. EMT's growing family of drones covers the range of micro drones, mini drones and larger tactical drones.

For further information please visit the following websites:
www.swiss-uav.com
www.emt-penzberg.de/index.php?id=32&L=1

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