

P06 CHE Passive Modular Protection System for Peace Support Missions Exposed to a Large Air Blast

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Abstract:

Currently CHE Troops in Peace Support Missions (PSO) benefit from the collaboration with other nations in camp operation as well as in camp protection. Due to this type of missions camp protection against terrorist type threats has so far not been of major concern, i.e. has not driven the design.

In future the capability of camp design including protective aspects against a wide range of threats needs to be available. Therefore a handbook for PSO Missions was developed. Within this Handbook a Passive Modular Protection System (PMS) for Peace Support Missions was developed and in 2013 one Cell of this System was built in Germany at the WTD 52 facilities in Oberjettenberg.

In 2014 the PMS has been tested against a large air blast originating from the Large Blast Simulator of the WTD 52 simulating a close detonation of a VBIED. This test series will conclude a comprehensive test initiative based on the STANAG 2280 standard ranging from Small Arms to Mortars and VBIEDs.

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