

Training

System Integrated Training Equipment – the key element of tactical training



Combat



Training



Selection of system mode by key switch

Mission recording
video, voice, data recording in combat mode for task analysis and debriefing



Live-Firing Monitoring
with high frequency video, voice and data transmission to instructor



Gunnery and Combat Training
PUMA as single vehicle or networked with other vehicles (platoon level)



Mobile Instruction, Evaluation and Control Cabin

System Integrated Training Equipment (SIAM)

- Every operational AIFV PUMA can be transformed into a combat training simulator.
- Simple installation of only a few additional components allows simulation supported training for the core crew with either an individual AIFV PUMA or AIFV PUMA platoon.
- A Mobile Instruction, Evaluation and Control Cabin enables simulation supported training for an AIFV PUMA platoon. This capability allows tactical training at the original work stations of four AIFV PUMA simultaneously in nearly every climate zone worldwide.
- These Mobile Instruction, Evaluation and Control Cabins can be networked to provide joint training for several AIFV PUMA platoons. Connectivity with other combat training simulators is possible (i.e. MBT Leopard 2).
- The integrated SIAM Equipment enables every AIFV PUMA to conduct **Mission Recording** and/or **Live-Firing Monitoring** during operational missions - results to be used for training purposes.
- SIAM enables operational training based on the principle: **“Train as you fight – fight as you train!”** anywhere (i.e. during shipping transport).

Further training equipment for AIFV PUMA

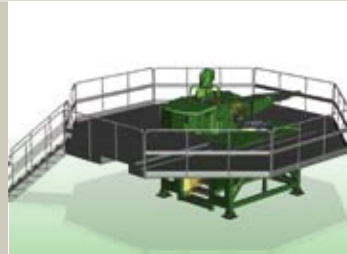
The German Army ordered in addition to the System Integrated Training Equipment the following training equipment for AIFV PUMA. Further training equipment can be developed if required.

For driver training:

For maintenance personnel:



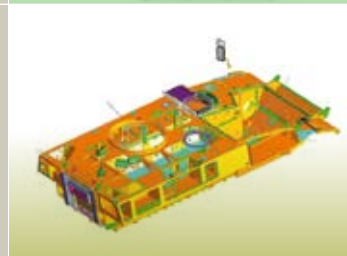
- **Replica of driver's workstation**



- **Training Equipment Maintenance Turret**



- **Driver Motion Simulator**



- **Training Equipment Maintenance Chassis**



- **Driver Training Vehicle AIFV PUMA**



- **Training Unit Maintenance Hydrop System**

- **Digital Training Equipment** and **Computer Assisted Teaching** and **Training Tool** are Hardware and Software training aids for the instruction how to operate AIFV PUMA including training of learner driver and maintenance personnel
- **Electronic Weapon and Effect Simulation** for demonstration of firing flash and firing sound of the on board weapons of AIFV PUMA – instead of previously commonly used manoeuvre ammunition
- **Training Muzzle Brake** replaces the original muzzle brake during firing exercises to reduce wear (not for air burst ammunition)
- **Firing Indicator** displays during training firing exercises the state of charge of weapons by using LED light (replaces the usual method of flags)
- **Training Equipment Ammunition** – cutaway models serve for training of ammunition and technical personnel



PSM Projekt System & Management GmbH

Wilhelmshöher Allee 262 · 34131 Kassel · Germany
Tel +49 561 5107-0 · Fax +49 561 5107-199
info@psm-spz.de · www.psm-spz.de

PSM GmbH is a Joint Venture of Krauss-Maffei Wegmann GmbH & Co. KG and Rheinmetall Landssysteme GmbH.