

FAAC Military Simulator Products: Medium Tactical Vehicle Replacement - Training System **MTVR-TS**

MTVR-TS



In February 1999, FAAC Incorporated was awarded a \$26.6M contract to develop driving simulators and provide training services for the U.S. Marines' Medium Tactical Vehicle Replacement (MTVR) truck. The FAAC contract was part of a larger MTVR Training System program (MTVR-TS) that provided a complete schoolhouse training approach. MTVR-TS includes driving simulators, a comprehensive electronic courseware curriculum, and fundamental skills maintenance training devices.

USMC MTVR Simulator Installations

- Ft. Leonard Wood - 32 Simulators
- Camp Johnson - 4 Simulators
- Okinawa, Japan - 4 Simulators

USN CB MTVR Simulator Installations

- Ft. Leonard Wood - 4 Simulators
- Point Hueneme - 2 Simulators
- Gulfport - 2 Simulators

Developed initially for schoolhouse institutional training, the USMC extended benefits to tactical training at the III Marine Expeditionary Force in Okinawa, Japan. III MEF uses the simulators to indoctrinate operators to Japanese driving conditions (including left-lane drive) and hone tactical skills such as convoy, night vision goggle, and chemical attack/MOP suit operation.

MTVR-TS DRIVER TRAINING



The MTVR design is an adaptation of FAAC's family of driving simulator products. This product line has field-proven effectiveness in training.

For each phase of operator training, FAAC developed the complete curriculum as well as the training products. Additionally, FAAC supported facility and site improvements at Ft. Leonard Wood and Camp Johnson to house the training facilities.

A complex of simulators has been built at each site to support training class sizes of up to 60 students. A variety of simulator types were produced ranging from full 6-DOF motion-based simulators—using the actual MTVR cab as the driving station for advanced off-road training—to 5-channel simulators utilizing 3-DOF seat motion cueing devices.



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