

JOINT FIRES SIMULATION

Norwegian Military Training with JFATS Sim

The Norwegian Defence Material Agency's (NDMA) Norwegian Air Ground Operations School (AGOS) began training with Fidelity's Joint Fires Advanced Training System (JFATS) simulator for its Joint Terminal Attack Controller (JTAC) and Joint Fires Observer (JFO) training programs. Fidelity says this makes Norwegian AGOS the most technically sophisticated Joint Fires Center of Excellence in Northern Europe.

The JFATS simulator was designed using the FidelityFires software application to meet the Norwegian Army's technical requirements. Its seven-meter dome display system lets a four-man Tactical Air Control Party (TACP) train simultaneously in an immersive environment comprised of 16 edge-blended, geometry-corrected channels. Each channel is driven by Fidelity's FIDViewEX Rendering Engine and projected to the designated area of the dome surface by a Barco FS35 IR WQXGA projector. The resulting contrast, brightness and pixel density – in conjunction with full

National Vulnerability Database (NVD) – facilitate training in any simulated time of day or weather condition.

JFATS scenarios and entities are driven by the FidelityFires software application that provides scenarios against near-peer threats operating in contested and degraded operations and provides a clean, intuitive user interface allowing anyone to operate the simulator and make real-time changes to the scenario in-game with minimal training.

The Norwegian AGOS facility also received two Mobile Satellite Classroom systems used by the Norwegian Artillery, JTACs and Special Forces to conduct CAS and Call for Fire missions. These mobile classrooms provide the same realism and training capabilities as the dome display and let AGOS students debrief training events. The information is stored and provided to the students in the form of a take-home package so they can review and practice on their own time.

SITUATIONAL TRAINING

Inzpire's GECO Selected for Rotary Wing CSAT

Inzpire's GECO System will equip the Cockpit Situational Tool (CSAT) used in the UK Ministry of Defence (MoD) Apache, Chinook, Merlin and Bell helicopters. GECO will support the mitigation of safety risks such as wire strikes and improve the processing and display of mission data and aeronautical information. For Merlin aircrafts, GECO will provide a display of data generated by the aircraft's maritime Automatic Identification System. GECO is now in service on 18 fast-jet, rotary-wing and multi-engine aircraft types including F-16, Hawk, Hercules and Blackhawk. More than 400 GECO Systems are in use with the British Royal Navy, Army Air Corps and Air Force along with the Royal Jordanian Air Force and the Indonesian Air Force.

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