



MH-60S Aircrew Virtual Environment Trainer MH-60R Naval Aircrewmen Training System

The AVET and NATS training devices provide an augmented reality environment for training aircrew members of the MH-60 platform.

The AVET and NATS will be used to support instructional training at the Fleet Replacement Squadron (FRS). They will provide normal and emergency procedure training with special emphasis on safety procedures, crew resource management and operational risk management. Aircrew members will be trained in crew coordination, gunnery training, sonar, hoist, search and rescue and vertical replenishment to include external operations.



Operational squadrons and Sea Combat Weapons School will use the AVET and NATS to train advanced tactics and enhance proficiency in assigned aircrew tasks.

Capabilities to include:

- Mixed reality see-through helmet mounted displays with software controlled lighting that enables the air crewman to see their hands, weapons, and other air crewman at the same time as the virtual environment outside the cabin in both unaided and NVG environments. Not only can you look outside the aircraft, but you can also scan 360 degrees and see the inside of the cabin.
- Sensor operator station for the MH-60R enabling training on the AAS-44 Forward Looking Infrared (FLIR), employment of laser guided Hellfire missiles, the AN/APS-147 Multimode Radar System and the ALQ-210 Electronics Support Measures (ESM) system.
- Software controlled air curtain for airflow in the windows and doors.
- Simulated tactical GAU-17/A mini-gun, GAU-21 and M240 weapons with flight style mounts with the ability to insert gun malfunctions.
- Interface to the Operational Flight Trainer (OFT) for integrated Pilot/Copilot and Aircrewman training.
- Multiple innovative system, mechanical and electrical improvements which will reduce changeover time, increase safety, improve reliability and reduce both maintenance and lifecycle costs.

About Kratos Training Solutions

Kratos Training Solutions specializes in assuring the readiness, reliability and operational effectiveness of Warfighter and C5ISR systems by supplying lifecycle Training Solutions to its defense, government and commercial customers.



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KRATOS
FROM STRENGTH TO SUCCESS

8601 Transport Drive
Orlando, FL 32832

Phone: 407.678.3388
Fax: 407.678.8008

Email: Training@KratosDefense.com
www.KratosDefense.com