



SINCE 1995

UH-60M Blackhawk Full Flight Simulator

Built around the authentic UH-60M glass cockpit architecture and advanced motion systems, our Full Flight Simulator provides mission-ready training in a controlled environment. From fundamental handling to demanding multi-ship and special operations scenarios, crews train exactly as they operate.



The FFS provides capabilities for training in the operational procedures **in compliance with the FAA, EASA and ICAO qualification requirements** to support Pre-flight Procedures, Take-off and Departure, Climb, In-flight Manoeuvres, Handling Qualities, Instrument Procedures, Landings and Approaches, Normal, Abnormal Procedures and Emergency Procedures, Post-Flight Procedures, etc.

It accurately **reproduces flight performance and characteristics** for all phases of flight, manual and automatically assisted flight, permits the execution of initial and recurring **training simulation for both normal and emergency conditions**, simulates all emergency procedures documented in the UH-60M flight manuals, thus providing complete training envelope for the pilot and co-pilot.

Simulate. Train. Succeed.



Full-scale UH-60M cockpit replica

- Accurate geometry layout, controls, grips
- Military-grade avionics representations with original glass-cockpit elements
- Combined real and original switches and panels

Flight Dynamics & Systems Simulation

- High-fidelity UH-60M flight model
- Full aircraft systems simulation (engines, AFCS, electrical, hydraulics, fuel, avionics)
- Emergency procedure and failure modelling

Instructor Operating Station (IOS)

- Scenario creation and management
- Real-time monitoring and intervention
- Data recording and debriefing tools
- On-board IOSA
- Briefing/Debriefing/Scoring

Visual System

- High-resolution direct projection dome-based visual system
- Wide field-of-view suitable for low-level and tactical flight
- Day, night, NVG, and adverse weather environments

Motion System

- 6-DOF electric motion platform
- Vibrating platform
- Optimized cueing for rotary-wing operations

Mission & Environment Database

- Custom-tailored terrain databases
- Configurable mission and tactical environment
- Tactical features (landing zones, obstacles, threats – as applicable)



To request a quote, please contact sales@vrmsk

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