



## CH-53K

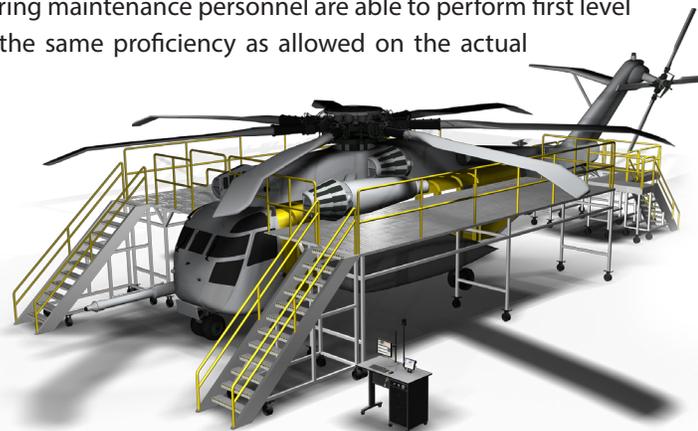
### Composite Maintenance Trainer (CMT) Helicopter Emulation Maintenance Trainer (HEMT)

The Kratos CH53-K Composite Maintenance Trainer (CMT) and Helicopter Emulation Maintenance Trainer (HEMT) are built for the United States Marine Corps (USMC) CH-53K helicopter. Designed to support the Marine Air Ground Task Force, the CH53-K has the ability to thrive in today's technology based tactical environment.

These training devices are the latest in simulation-based training integrated with full-scale aircraft mock-ups made realistic by the use of both Original Equipment Manufacturer (OEM) components and 3D manufactured line replaceable units. This unique integrated blend of training technologies is designed to support the CH-53K training continuum. The CH-53K helicopter is a technologically intelligent, reliable, and readiness focused aircraft which has improved survivability and performance across the full spectrum of operating conditions for which it was designed.

The CH-53K is a state of the art aircraft, hence Kratos' is building state of the art trainers to support the maintainers who will deploy in support of it and its expeditionary mission.

The Kratos CH-53K CMT provides hands-on organizational level (O-Level) maintenance training for the CH-53K platform. The CMT is used to train entry level and transitioning mechanics on system familiarization, function testing, fault isolation, and servicing, as well as component identification, removal, installation, repair, and adjustment of airframe and powertrain related systems. The CMT's actual and simulated systems and components fully replicate the helicopter structure ensuring maintenance personnel are able to perform first level maintenance tasks with the same proficiency as allowed on the actual tactical aircraft.

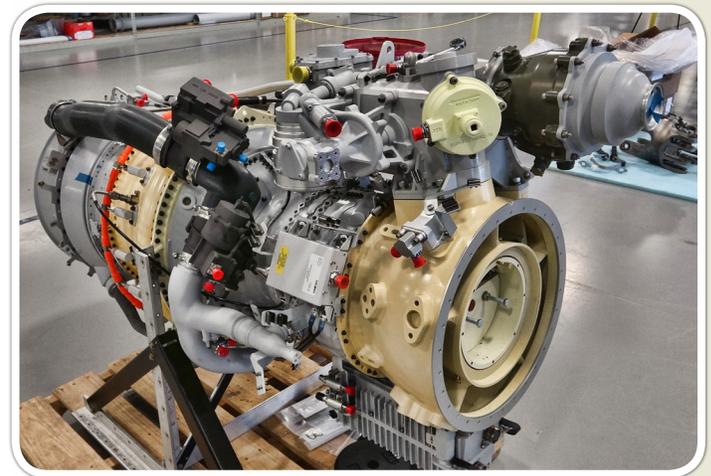


CMT

HEMT is a virtual aircraft environment designed and developed to train system familiarization, function testing, fault isolation and installation/removal of components for avionics and airframe systems on the CH-53K.

HEMT consists of student workstations with dual monitors, supporting Interactive Electronic Technical Manuals (IETMs) and an Instructor Operator Station (IOS) that allow numerous instructional modes such as classroom-wide demonstration, student monitoring, evaluation and briefing. In addition, the IOS provides the instructor with the ability to monitor student activities, control student training scenarios and record student performance for review.

## HEMT



## CMT in production...



## 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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