



Virtual Maintenance Trainer

HELISMART (VIRTUAL MAINTENANCE TRAINER)

TRAINING DIGITAL TECHNOLOGIES

Leonardo Helicopters is committed to keeping pace with global training technologies and practices, developing world class training, learning technology and simulators, providing our customers with access to high fidelity training, that adds real value to organisational effectiveness.

HeliSmart (Virtual Maintenance Trainer) provides a flexible and effective simulated training environment for helicopter technicians and logistic personnel, teaching maintenance and diagnostic procedures without the reliance on real equipment.

HeliSmart provides a complete interactive simulation of the helicopter systems and avionics, utilising aircraft system software as its core data source, as well as the ground equipment required to perform the maintenance tasks.

Students learn how to interpret and maintain digital systems in a safe environment with **HeliSmart** providing instant feedback and advice should their response fall outside the sequence of tasks or safe operations defined within in the OEM Technical Publications.

HeliSmart is part of an effective regional training solution, providing practical training, pre learning or post training consolidation as a customer tool, or part of the practical course solution at one of Leonardo Helicopters’s regional training centres.

In the classroom, Leonardo Helicopters and Regional partner centre instructors are able to track students, monitor their progress, their learning and knowledge retention and provide consolidation support.

NEW CUSTOMER AND STUDENT BENEFITS

HeliSmart is designed to provide students with OEM data integrity, whilst being easy to use, however and ease-to-use however structured to be suitable for training technicians with EASA Part 66 Aircraft Maintenance Licenses (AML) and electro-avionics maintenance engineers.

Now available for tablet technologies, HeliSmart, provides personal access for re-familiarisation.



HeliSmart
VMT

TRAINING APPROACH

Using a fully interactive 3D environment **HeliSmart** helps to develop and retain the knowledge and skills required to maintain the helicopter. Specifically it enables technicians and logistics personnel to:

- Navigate through and review maintenance procedures to optimise pre learning prior to moving onto the practical training phases
- Routinely practice maintenance procedures in a safe virtual environment
- Keep up to date with specific and more complex maintenance diagnostics computer operations
- Fully interact with the technical publications
- Conduct troubleshooting and fault isolation skills to diagnose faults quickly and then take effective action.

Classroom



TECHNICAL FEATURES

As an interactive training tool for maintenance technicians, **HeliSmart** can operate in a stand-alone mode or be networked in a classroom environment, scaled to meet customer needs. Each classroom includes one Instructor, Operating Station (IOS) and a tailored number of student stations.

The IOS includes specific software modules for the instructor to monitor, control and give feedback to students. The IOS and student stations are Commercial Off-The-Shelf (COTS) personal computers, preloaded and configured with the **HeliSmart** software.

A dedicated Learning Management System (LMS) is embedded in **HeliSmart** to manage exercises and monitor student performance.

Tablet driven graphics



COMMITMENT TO OUR CUSTOMERS

Leonardo Helicopters is committed to developing and expanding its training portfolio to meet the training needs of all its customers. Feedback is always welcome to help us further develop and enhance our training in support of your operational needs.



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