

heliSys 135

SYSTEMS TRAINER

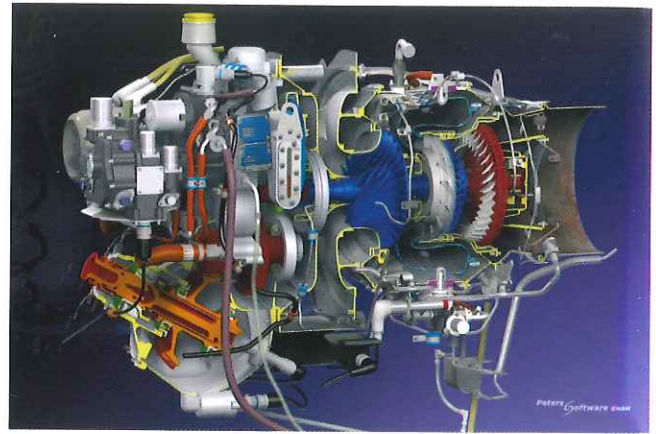


THE HELISYS 135 SYSTEMS TRAINER

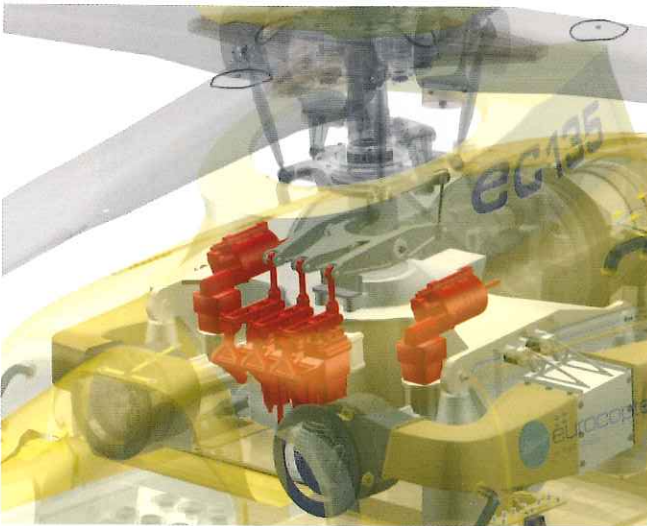
The Peters Software HeliSys 135 Systems Trainer is a unique training aid that is guaranteed to outshine anything you've ever come across before in computer-based helicopter training systems.

Web-based or LAN-based, the HeliSys 135 Systems Trainer software presents a stunningly clear and accurate helicopter training platform, designed for single or multi-student/instructor presentation in the classroom.

The HeliSys 135 Systems Trainer is not a simulator. It is a newly designed, comprehensive presentation of helicopter systems and their functions, with the key objective of the understanding of systems and how they work together in normal ground, flight or failure modes, presented in clear and unambiguous detail. It is suited to a variety of applications, but primarily designed for initial type conversion training and for recurrency training.



INNOVATE YOUR BUSINESS



Up to now, unless a student attends a manufacturer's type conversion course, most of his/her training will be conducted by flying school or company Type-Training Captains.

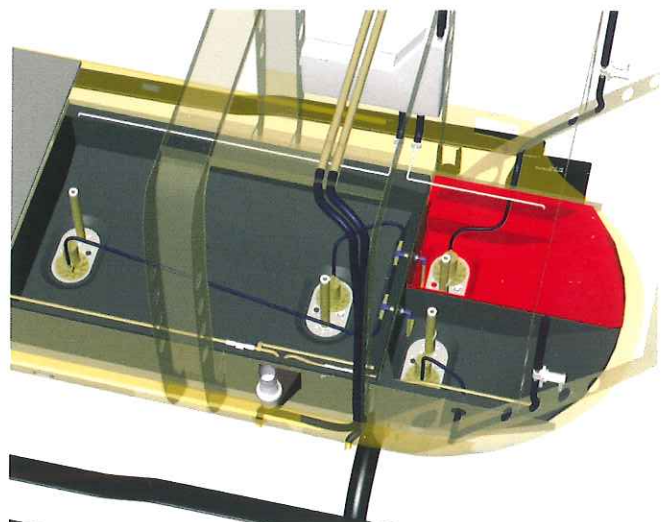
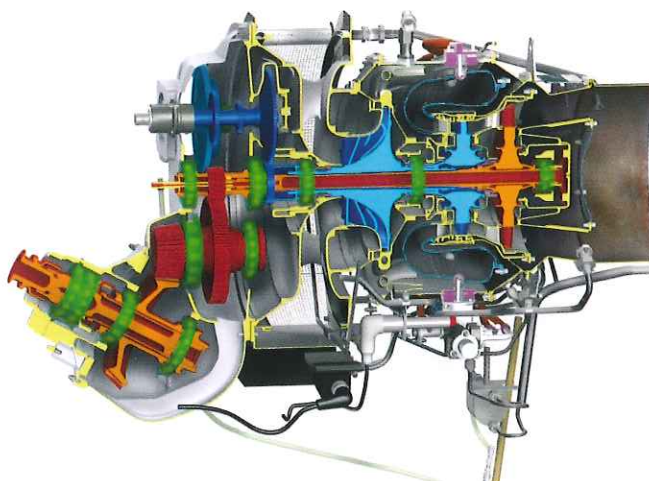
Throughout his/her education, the student will have seen many presentations, usually on the whiteboard or through in-house developed 2D PowerPoint presentations. Such presentations are often difficult to follow with static diagrams that are difficult for the instructor to make understandable.

Complex relationships between aircraft systems are often not fully understood by the student. Neither student, nor instructor will have come across anything as accomplished as the Systems Trainer.

The instructor is able to explain all helicopter systems, (airframe, engine, electrical, hydraulic etc) in accurate detail.

FULLY CUSTOMIZABLE

The Trainer can be configured to customer requirements - colour scheme, logo, engine type, navigation fit etc.



THE TECHNOLOGY

A fully integrated 6-screen presentation using touch-screen control, allows the student to be shown the physical location of items, their basic operating principles and how they actually function within a specific system, including during failure modes. The onscreen views are uncannily realistic and moreover, presented in a 3D graphic view complete with appropriate engine noise and cockpit audible warnings.

With budgetary control always being a consideration, a 2-screen version is also available with equally effective presentations.



SYSTEMS TRAINER AT A GLANCE



Normal and emergency operating checklists are incorporated in the package, allowing appropriate reference to be made when necessary. Once demonstrated by the instructor, the student is able to operate the Trainer on his/her own, for revision purposes, thus releasing training staff to flying duties.

For recurrency training, a pilot will be able to refresh his/her memory on operating systems prior to an OPC/LPC, or at any time he/she feels the need.

Checklists can be revised, on-screen touch drills practiced and systems revision undertaken without the need for expensive simulator time.

Where a pilot needs to be authorized to sign off Certificates for Release to Service, the Trainer can replace an instructor and demonstrate the location of chip detectors, engine oil fillers, hydraulic reservoirs etc, for example. The student is able to follow a camera as it zooms in from outside the aircraft, past a cowling as it is opened, to focus on the selected component. An online test questionnaire can then complete the process.

Engineering students can equally gain useful information from the Trainer. Systems presentations will complement the usual study guides and classroom presentations and allow a more rounded overview of the information the pilot end-user will see.

The Trainer can enhance troubleshooting by allowing a pilot to demonstrate a malfunction as seen in the air and show the effect on commercial operations. Aircraft handling staff can also be given quality presentations to supplement their basic training.

When using a smart board the system trainer is completely interactive and for example the integrated photorealistic animations can be used by the instructor with the touch of a finger.

YOUR NEXT STEP

For more details on this exciting new product and a personal demonstration of its unique capabilities please contact Peters Software on +49-221-9922440.