



entrol

EC-135 MULTIENGINE HELICOPTER SIMULATOR
FNPT II MCC





FNPT II MCC certified

Use the entrol H11 in your integrated and modular courses (IR / MCC / CPL / ATPL...).



additional training for EC-135

Provide additional training for EC-135 with the entrol H11 (Normal & Emergency procedures, systems training...).

maintenance & certification support

Simulator covered by a comprehensive after-sales service. We offer support for the initial and recurrent certification.



entrol's in-house technology

All of our simulators are manufactured with entrol's most advanced technology, which is 100% produced and developed in Spain. This way we can guarantee the quality and production time required by our clients.





Cockpit, flight controls and systems based on the EC-135

- Glass Cockpit Configuration
- Flight model validation data obtained from real flight tests
- Fiber Glass Shell
- Electrical Control Loading System
- Dual Interlinked Cyclic and Collective
- 3 Axis Autopilot with upper modes
- Twist Grips for Manual FADEC Control
- Radar: Wx and ARA
- OffShore operation systems: Adelt, AHRS
- FMS based on CDU UNS-1D
- P2+, T2+ available
- TCPIP Sensing Technology

Terrain, navigation & airports database

- Worldwide terrain database
- Geographical features are easily recognizable such as mountains, coastlines and urban areas
- 10 airports to be selected by the customer
- The navigation database includes all route nav aids and the approach nav aids for the airports selected by the customer
- SID/STAR airport approaches of Heathrow, Barajas, Schiphol, Estambul, Paris and others are included



3 Channel Cylindrical Visual 150°x40°

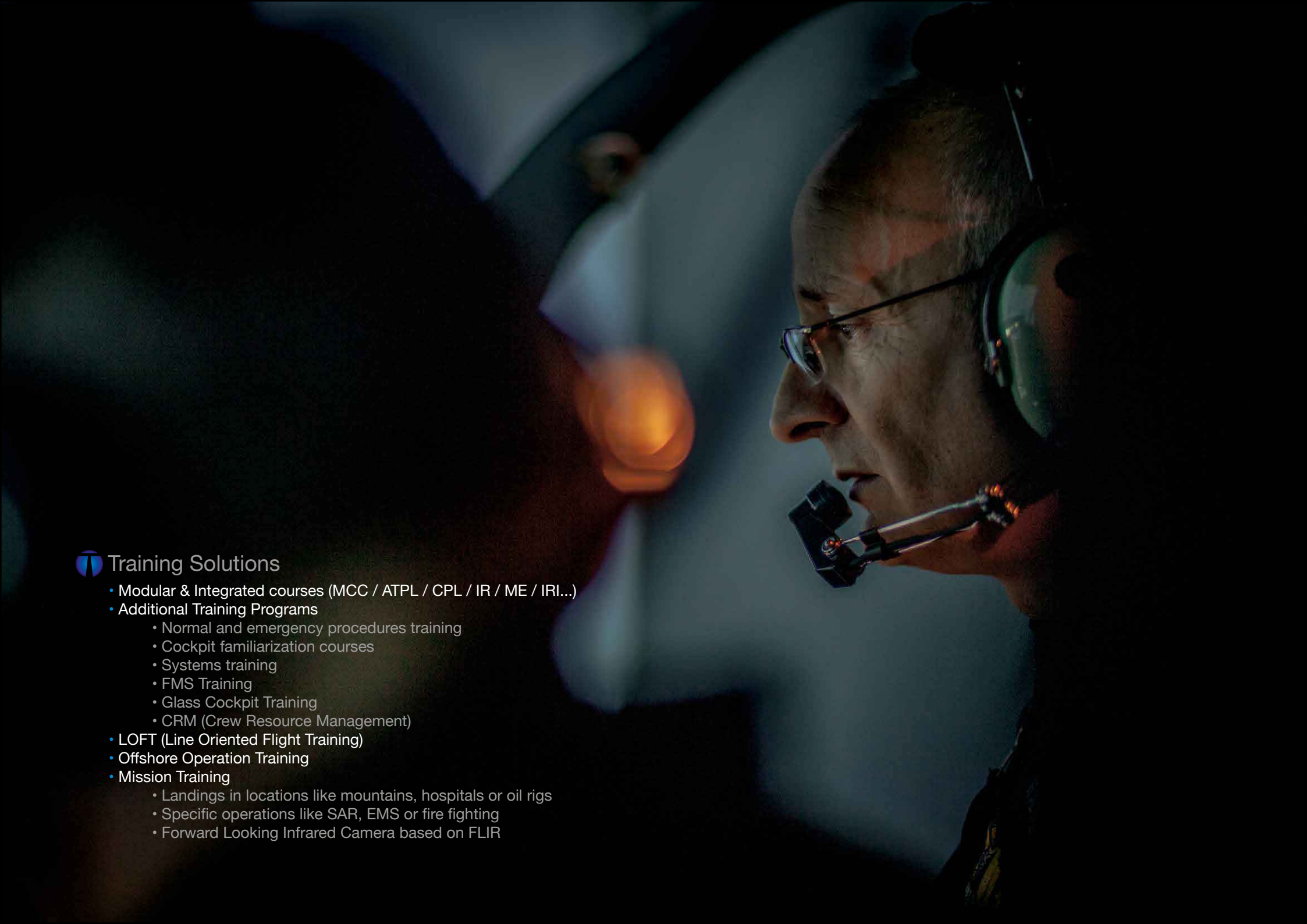
- Total immersion during the exercise on the simulator
- Full HD Projectors
- Warping and edge blending included

Modular and transportable

- The simulator can be installed in a room of 5,5 x 5 x 3,3
- Installation in one week by entrol staff

Enclosed instructor station with two 24” tactile screens

- Two 24” tactile screens with an intuitive and easy interface
- Failures organized by systems easily activated
- Weight and balance, fuel quantity, ZFW,..
- Atmospheric and visual conditions can be changed in real time
- Lateral and vertical approach view
- Automatic QTG's on the Instructor Station that can be printed and saved
- Approach Plates of the defined airports with the position of the aircraft over the page



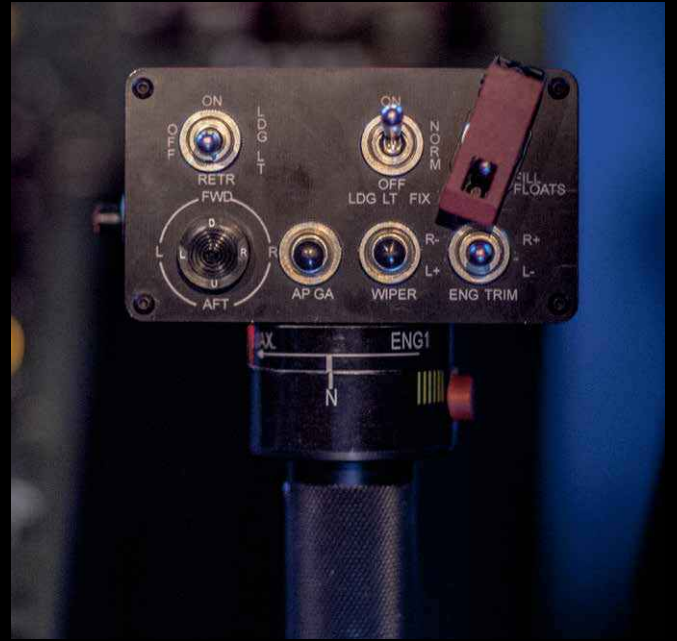
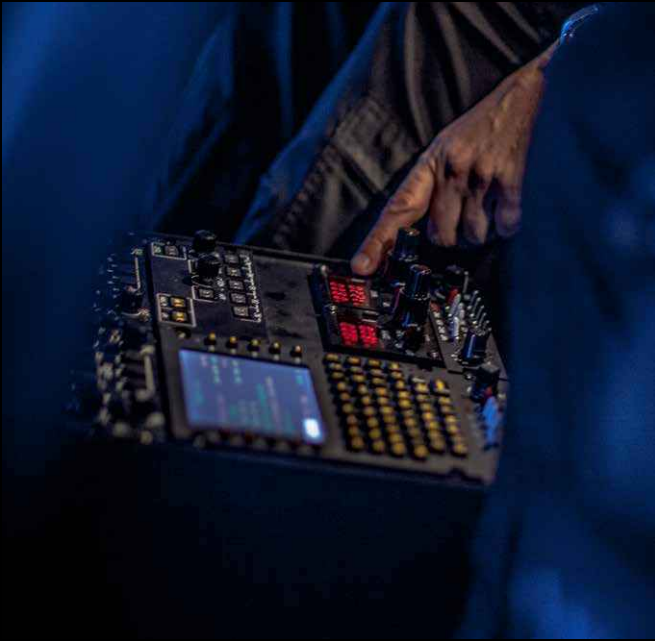
Training Solutions

- Modular & Integrated courses (MCC / ATPL / CPL / IR / ME / IRI...)
- Additional Training Programs
 - Normal and emergency procedures training
 - Cockpit familiarization courses
 - Systems training
 - FMS Training
 - Glass Cockpit Training
 - CRM (Crew Resource Management)
- LOFT (Line Oriented Flight Training)
- Offshore Operation Training
- Mission Training
 - Landings in locations like mountains, hospitals or oil rigs
 - Specific operations like SAR, EMS or fire fighting
 - Forward Looking Infrared Camera based on FLIR



Client benefits

- More business by providing better training programs
- Fast ROI
- Low cost operation
- Simulator based on the world's most popular light twin helicopter
- Upgradeable solution
- Small footprint and facility requirements
- COTS Elements: Easy and Cost-effective Maintenance
- Simulator covered by a comprehensive after-sales service





entrol Services



- **Turnkey Solution**
 - Shipping, installation, insurance & testing by entrol staff on customer premises
 - Maintenance technicians and instructors training
 - All documentation provided: Flight Manual, Maintenance Manual...
 - Toolbox with all the tools necessary for maintenance
 - Spare part set for basic elements of the simulator
 - Press release to promote the simulator purchase
- **Certification support**
 - On-site assistance to the initial certification
 - On-site yearly visit for recurrent certification
 - Automatic QTG's on the IOS can be printed and saved
- **Optional maintenance services**
 - On-site yearly visit for systems check
 - Remote access to the simulator for maintenance
 - Quarterly database update
 - Telephonic assistance
 - Documentation management service
 - Spare parts service
 - 30% discount during the warranty period
- **24 months warranty**
 - 24 months warranty for all the parts and components of the simulator
- **Upgradable solution**
 - Possibility of adding new improvements after the simulator installation:
 - > 200o x 70o Spherical Visual
 - > High resolution database
 - > Forward Looking Infrared Camera based on FLIR*
 - > New airports and countries





entrol



Go to our YouTube channel and discover all the possibilities that our H11 simulator offers.



If you want further information about this simulator you can visit our YouTube channel using any device.

On our channel you will find our latest developments that are up and running: take-offs, landings and general tests carried out by pilots with extensive experience in the industry, wherein they will attest to the flight experience in our simulators.

www.entrol.es

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