

**AS365 DAUPHIN MULTIENGINE HELICOPTER SIMULATOR**  
FNPT II MCC



entrol





### **FNPT II MCC certified**

Use the entrol H12 in your integrated and modular courses (IR / MCC / CPL / ATPL...).



### **additional training for AS365 Dauphin**

Provide additional training for AS365 Dauphin with the entrol H12 (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 AS365 Dauphin


- Glass Cockpit Configuration
- Fiber Glass Shell
- 3 Axis Autopilot with upper modes. 4 Axis AP available.
- FMS Based on CDU UNS-1D
- Radar: Wx and ARA
- Flight control loading system in cyclic and pedals with digitally controlled engines
- Offshore operation systems: Adelt, AHRS
- Dual Pilot IFR Configuration
- Dual Interlinked Cyclic and Collective
- Breakers panel
- Digital Audio Matrix for COM simulation
- 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





## 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

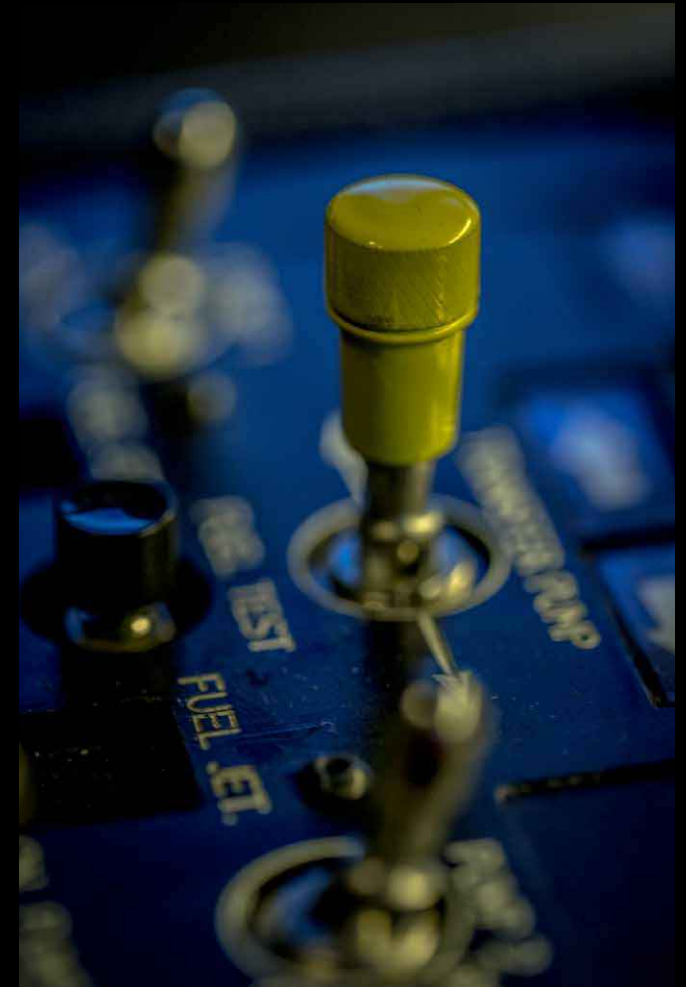
- More business by providing better training programs
- Fast ROI
- Low cost operation
- A medium twin engine helicopter very used worldwide for SAR missions
- Upgradeable solution
- Small footprint and facility requirements
- COTS Elements: Easy and Cost-effective Maintenance
- Simulator covered by a 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:
    - > 200° x 70° Spherical Visual
    - > High resolution database
    - > Forward Looking Infrared Camera based on FLIR\*
    - > New airports and countries

\* FLIR is a registered trademark of FLIR Systems. There's no business or commercial connection between FLIR Systems and Entrol, S.L.







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**Go to our YouTube channel and discover  
all the possibilities that our H12 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](http://www.entrol.es)

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