



## **MH350 Helicopter Advanced Aviation Training Device A New Level of Affordable Sophistication**

The MH350 is a new addition to the ELITE Evolution series of rotary wing training devices. It is a single-engine turbine and single-control open cockpit trainer based on the form, function and performance of the Eurocopter AS350 Ecureuil.

Purposely designed and detailed to provide the same level of sophistication as its full cabin sibling, the S623. The MH350 features the same professional quality flight controls, avionics systems, instrument panel, center-console and rotary wing flight dynamics, but with space constraints and cost considerations in mind.

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### **The Foundation of a Profitable Business Model and Aviation Safety / Risk Management Program**

- \* Saves money vs. real aircraft operational costs such as fuel, maintenance, and repair.
- \* Increases sources of revenue and gives a competitive edge.
- \* Adds prestige and value marketing to your helicopter training program.
- \* Use as a risk management tool to enhance pilot safety and make better pilots and possibly lower insurance costs.



## AVIONICS, INSTRUMENTATION, & HARDWARE

- Fully-coupled GPS WAAS navigation
- Radar altimeter, advisory and master caution panel
- Silver Crown-style avionics with ALT/VSI preselect
- Active audio panel and marker beacon lights
- Autopilot / flight director
- EFIS (optional)
- Real Garmin GNS 430W or GNS 530W (optional)
- Professional grade flight controls
- Ergonomic instrument panel with glare shield
- Eurocopter-style aircraft specific system switches
- Eurocopter-style throttle and fuel control unit
- Adjustable premium leather seat with lumbar support
- Pilot and Instructor intercom system
- Adjustable goose-neck light

## NAVIGATION, SCENERY DATA, & WEATHER MODELS

- World-wide navigation data
- Enhanced visual scenery with over 22,000 airports
- Fifteen off-shore oil rigs
- Dynamic weather models (clouds, winds, turbulence & icing)
- Visible precipitation (rain and snow)
- International GPS database (with Garmin GPS)
- User modification of navigation database elements
- Virtual airport facility directory
- Tablet WIFI connectivity for popular flight planning apps

## EMERGENCY PROCEDURES TRAINING

- Instructor and/or computer controlled failures
  - instruments
  - receivers
  - power plant
  - systems
- Vortex ring state (settling with power)
- Hot starts / Hung starts
- Loss of tail rotor thrust
- Loss of tail rotor
- Immediate, timed, gradual, and random failures
- Autorotations (standard, 180 deg, hovering)
- IOS control of master and advisory cautions
- IFR partial panel

## MAPPING AND EVALUATION

- Instructor / Operator Station (IOS) moving map
- Plan, profile, and extended profile views
- Flight data recorder with DVD-style replay
- Transponder, heading & altitude map read-out
- Current "Spot WX" METAR displayed
- "Click-and-drag" or Identifier aircraft repositioning
- IOS flight instrument representation
- Route and waypoint plotter
- GPS flight plan tracking

## FAA Approved AATD IAW AC 61-136

20 hrs Instrument	2.5 hrs Private
50 hrs Commercial	Partial IPCs
25 hrs ATP	Part 141 (varia)



## CASA Australia Category B Approved

**"Helicopters are extremely complex flying machines that require superior skill sets. The missions they routinely perform are inherently dangerous. The right simulation can reduce these risks and make better pilots."**

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