



ELITE ROTARY WING SIMULATOR

SINGLE ENGINE TURBINE BASED ON EUROCOPTER AS350 BA

The TH100 is a single-engine turbine, single-control open cockpit trainer based on the form, function, and performance of the Eurocopter AS350 Squirrel/AStar. It represents a new pursuit of training excellence. Inspired by the original ELITE S623 Helicopter trainer, every detail of the TH100 has been designed for full pilot training transference to the aircraft. It is full featured and technically advanced to provide the highest fidelity of training at the lowest possible cost. From precision GPS WAAS approaches to confined area and pinnacle landings, the TH100 is the perfect solution for ab-initio, instrument, commercial and ATP students. And with the best benefit-to-cost ratio available, several advanced TH100 trainers can be part of your training program for the price of one of our competitors' products.



SUPERIOR & COST EFFECTIVE
FLIGHT SIMULATION SOLUTIONS

ELITE[®] TH100 AATD

MAIN FEATURES



- Fully-coupled virtual GPS WAAS navigation
- Radar altimeter
- Advisory and master caution panel
- Silver Crown-style avionics with ALT/VSI preselect
- HSI / RMI / ADF / VOR / DME / Transponder
- Active audio panel and marker beacon lights
- Autopilot / flight director
- Durable industrial-grade flight controls
- AS350-style aircraft system switches, throttle and fuel control unit
- Adjustable rudder pedals
- Cushioned pilot seat

TRAINING VALUE

- Profitable business model and aviation safety/risk management program
- Fully IFR capable
- GPS orientation, navigation and approaches
- Save money on operational costs such as fuel, maintenance and repair
- Use the TH100 as your training program's risk management tool
- Increase your sources of revenue
- Add significant prestige and value to the marketing of your helicopter training program
- Students increase in skill, confidence and become safer pilots

PRECISE ROTARY WING FLIGHT DYNAMICS

TASK TRAINING IN DAY AND NIGHT CONDITIONS

- Performance checks, hover, hover taxi, ground taxi
- Pedal turns about the mast, nose and tail, forward, lateral and rearward flight
- Take off from a hover and from the ground, max performance take off
- Landings to a hover, running landings, normal and steep approaches
- Pinnacle landings (roof tops and oil rigs), confined area landing and take off

EMERGENCY PROCEDURES TRAINING

- Failures of instruments, receivers, power plant, systems and GPS
- Autorotations, loss of tail rotor thrust, loss of tail rotor, settling with power
- Retreating blade stall, hot starts, hung starts
- Immediate, timed, gradual, and random failures

NAVIGATION, SCENERY DATA & WEATHER MODELS

- World-wide navigation data, enhanced visual scenery, oil rigs
- Dynamic weather, visible precipitation, user modification of database

MAPPING AND EVALUATION

- IOS moving map, flight data recorder, route and waypoint plotter

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