

# TH22 Helicopter

## Advanced Aviation Training Device

*Piston Rotary Wing Training from Ab-initio to ATP*

The *first* helicopter AATD engineered for touch-down autorotations and hover training



### FAA Approved AATD

Part 61 & Part 141 Approvals Including Credit Toward Private, Instrument, Commercial & ATP and Recency of Experience for IFR

**“It’s one of the most realistic helicopter sims I’ve been in.”**  
- Keith M. (Robinson training manual author and R22/44 dealer for over 20 years).

The TH22 is a single-engine piston, single or dual-control cockpit trainer based on the form, function, and performance of the most popular piston engine training helicopter, the Robinson R22. From startup, runup to shutdown, every detail of the R22 is accurately replicated. It is the combination of aerodynamic fidelity, ergonomics, hardware engineering and visual motion that make the TH22 the perfect platform for learning to hover, practice VFR maneuvers, emergency maneuvers and complete IFR flight training. ELITE helicopters are approved for VFR, IFR, Commercial and ATP flying credits. **The TH22, with the best “cost-to-benefit ratio” than any trainer in its class, gives the quickest return on investment.**



# Available Models

**ELITE TH22 *Dual-Pilot***

**ELITE TH22M *Dual-Pilot with Motion***

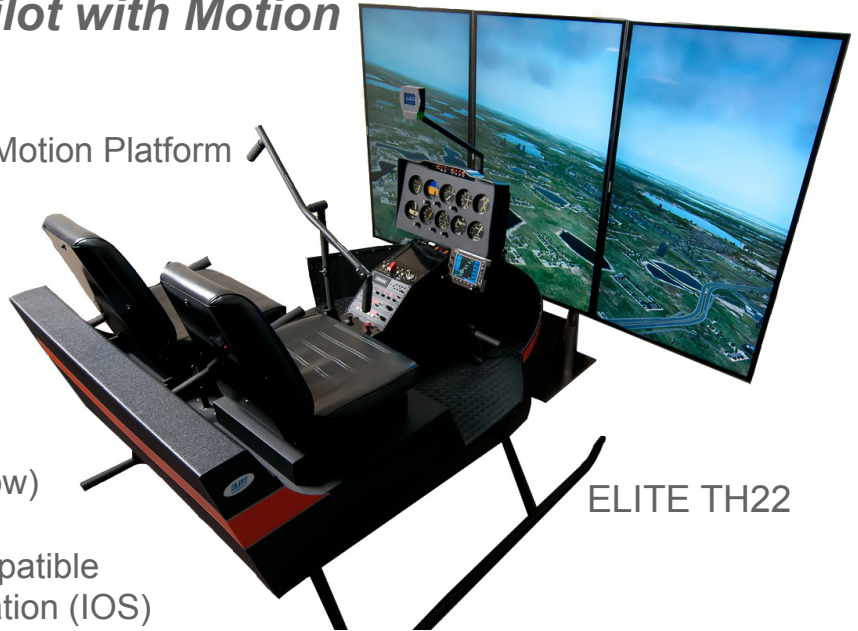
**ELITE TH22S *Single-Pilot***

**ELITE TH22SM *Single-Pilot with Motion***

## Features:

- Optional 3-Degrees of Freedom Motion Platform
- Industrial-grade flight controls
- Standard analog instrumentation
- Virtual GPS WAAS navigation
- World-wide navigation data
- Enhanced visual scenery
- Quick scenario reset
- Dynamic weather conditions
- Visible precipitation (rain and snow)
- Updateable navigation database
- ForeFlight™ and iPad EFB compatible
- Portable Instructor / Operator Station (IOS)
- Plan, profile, and extended profile views
- International GPS database (with Garmin GPS)
- Aircraft repositioning / slewing
- GPS flight plan tracking
- Chart georeferencing
- Virtual airport facility directory
- Fuel control governor
- Clutch engage switch
- Instructor and/or computer controlled failures
- Active engine, rotor & clutch circuit breakers\*
- Loss of tail rotor thrust
- Brown out landing & take off conditions
- Autorotations (standard, 180 deg, hovering)
- IFR partial panel control from IOS

\*CB's available on dual-pilot trainers only



ELITE TH22



ELITE TH22SM

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