



Augusta Westland
 AW139 FNPT II

Certification Level:
 EASA CS-FSTD (A)
 Issue 2 FNPT II



ELITE AW139: Your partner in aviation training

Elite Simulation Solutions is a global provider of IFR training software, flight controls and flight training devices. We build and support EASA, FAA, CASA, ANAC and DGCA (among others) approved flight training devices and offer custom programming to both private and government entities. Our hallmark is quality and our creed is excellent customer service.

Since 1987, ELITE® (acronym for Electronic IFR Training Environment) has provided IFR simulation software for pilots world wide. Quantum leaps in computer technology have allowed us to be aggressive in product improvement in both software and flight control engineering. This evolutionary process has resulted in open and flexible flight training systems for personal and institutional training programs. ELITE® offers desktop trainers and full cockpit training devices with multi-screen visual systems. We are committed to continual improvement and innovation and our goal is to provide pilots and schools with high tech / low cost simulation solutions.



Features

Key Devices Features

- Dual control cyclic, anti-torque pedals and collective
- Primus Epic PFD and MFD instrumentation
- AW139 aircraft specific switches.
- 4 Axis autopilot.
- State of the art integrated Force Trim Release on the cyclic system.
- Overhead Panel.
- Onboard camera and custom IOS.
- Dome scenery system providing 180° out of cockpit visuals.
- Flight Management System.
- Extensive list of emergency procedures and malfunctions
- Worldwide Visual Scenery with generic 3D Objects.
- Updatable Local Area Navigational Data

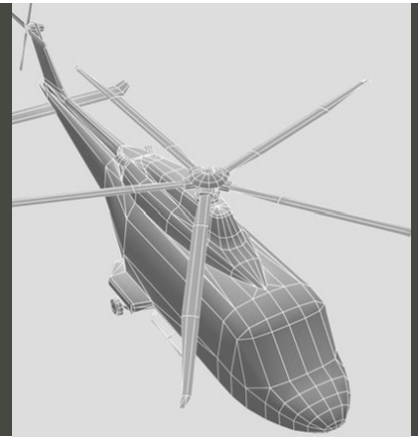


Why buy an Elite AW139?

- 35 Years of experience
- 450+ Elite Certified Simulators in 51 countries
- Certification Guaranteed
- ISO 9001 Company
- Small Footprint & Easy Facility
- 99.8% average uptime
- Easy Automatic QTG

The Elite AW139:

- Compact design
- Dual FMS
- Honeywell Primus Epic Replica
- 4m curved visual
- Excellent Procedures trainer
- Competitive pricing for best ROI



Overview

QRH Failures

In addition to the standard failures as set out in the X-Plane software, ELITE has developed and integrated many of the Quick Reference Handbook (QRH) failures into the simulator.

Instrument Panel

The Instrument and centre console of the AW 139 unit is in close likeness of that found in the actual aircraft. ELITE has developed a representation of the Honeywell Primus Epic system which has been developed in conjunction with AW139 Pilots. ELITE has developed additional bespoke features that will emulate the conditions in the actual customers aircraft

Controls

The Dual cyclic controls system has a state-of-the-art force trim release system, with the Dual collective having an adjustable Pilot controlled friction system.

Optional upgrades

- Dome with laser projectors
- Upgradable to FTD Level 2

Visual System



Three channels curved forward projection utilizing three overhead projectors
200°x45° FoV.

The system includes image projectors, image generators and projection screen. The advantage of this projection system is the very large FOV and low ceiling height requirements.

Possibility to upgrade to a Dome Visual

Cockpit

High quality replicas represent the actual AW139 cockpit with great fidelity.

Equipped with Primus Epic PFD & MFD replica.

Multiple systems & failures precisely modelled

Overhead panel

FMS equipped

Malfunction Systems & Characteristics

- Failures: engine, flight control, and navigation, hydraulic and electrical failures.
- Component correctly degrade with side effects (combined failures possible)

All failures

- can be triggered manually or pre-programmed
- can be reset in flight without further consequences
- have their procedures rigorously implemented

Scenarios with armed failures can be saved to speed up the training.

FAA Authorized Use Under Part 61	Advanced ATD	FAA Authorized Use Under Part 141	Advanced ATD
Private Pilot Certificate	2.5 hrs fixed-wing	Private Pilot Certificate	Up to 15% of total required-fixed-wing
	7.5 hrs rotor-wing		Up to 3 hrs - rotor-wing
Instrument Rating	20 hrs fixed & rotor	Instrument Rating	Up to 40% of total required
Commercial Pilot Certificate	50 hrs fixed-wing	Commercial Pilot Certificate	Up to 20% of total required
	25 hrs rotor-wing	ATP Certificate	Up to 25% of total required
ATP Certificate	25 hrs fixed & rotor	Flight training & Instrument training	YES, Refer to LOA
Instrument Proficiency Check	YES	Recency of Flight Experience	YES
Instrument Practical Test	YES	Instrument practical and IPC	YES
Recency of Flight Experience (IFR, logging approaches)	YES		

Delivery and Installation



Documentation & Manuals



Instructor Training



First class customer service



24 months warranty

Your partner in aviation training



Flight school

Individual solutions for all flight school requirements. Call us to discuss how we can help you maximize your potential.



Certified

EASA, FAA, CASA, CAA, DGAC, DGCA approved flight simulation solutions.



Price

Cost effective solutions without quality compromise. We will work with you to find the most cost effective solution.



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