



Bell 412 EP SIMULATOR

EASA FTD Level 3

» incl. Mixed Reality Hoist Station
for full hoist operator training «

BELL 412 EP SIMULATOR

EASA FTD LEVEL 3

EASA FSTD: DE-2H-001

ABOUT US

Global Helicopter Service (GHS) is an **EASA-approved** German helicopter operator with global operational experience. We deliver reliable flight operations, comprehensive MRO services, and advanced training solutions for government, humanitarian, and commercial clients. Our services include MEDEVAC, passenger and cargo transport, and specialized operations in demanding environments. Our state-of-the-art **Bell 412 FTD 3** simulator supports realistic, high-quality pilot training to the highest safety standards.

Our **Bell 412 FTD Level 3** manufactured by ENTROL provides a high fidelity, **immersive training** environment designed to support pilots across **all experience levels**. All modules are built to strengthen skills, enhance operational safety, and ensure mission ready performance.



CONTACT US FOR MORE INFO

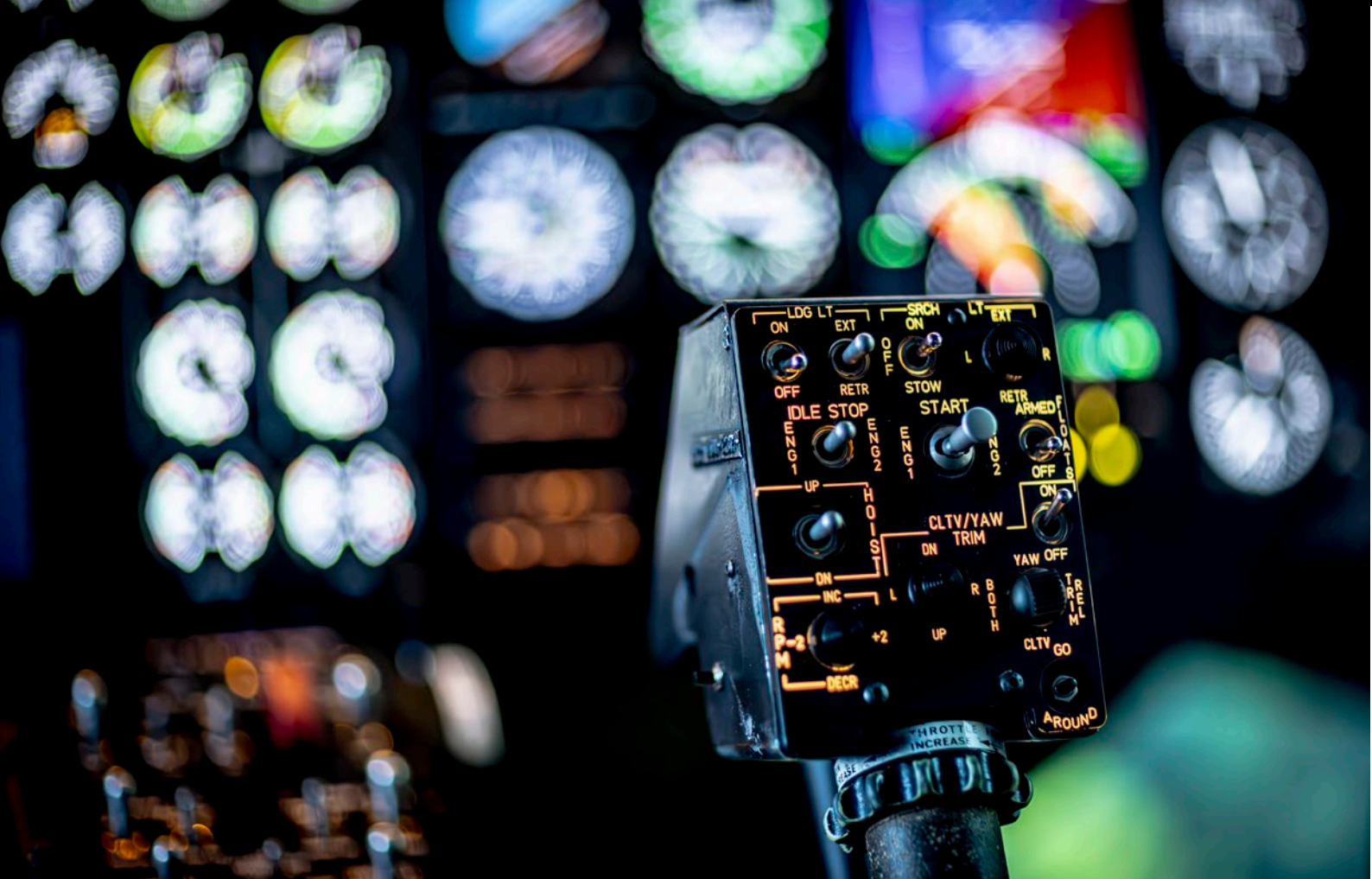


Watzmannstraße 1
83417 Kirchenschöring, Germany

CORE TRAINING CAPABILITIES

- **Type Rating**
Complete Bell 412 type rating training with accurate flight dynamics, avionics and procedures tailored to real world operations.
- **IFR Training / Checking (CAT I)**
Conduct essential IFR procedures and CAT I checks in a controlled, realistic environment that enables precise and repeatable training.
- **Proficiency Checks**
Perform recurrent proficiency checks safely and efficiently, supported by a fully controllable and standardised training setup.
- **RNP Approaches / Departures**
Train modern PBN procedures with high fidelity RNP approaches and departures, supported by geo specific visual environments.
- **Emergency Procedures**
Practice critical Bell 412 emergency procedures safely and repeatedly — enabling crews to build confidence in handling system failures and complex scenarios.
- **ACAS / TCAS Training**
Develop situational awareness and train compliant responses to realistic ACAS/TCAS situations.
- **HTAWS Training**
Build terrain avoidance skills in simulated low level, mountainous, and high risk environments using comprehensive HTAWS scenarios.
- **WX Radar**
Train effective use of onboard weather radar systems, including interpretation of returns and decision making in adverse weather.
- **MCC Training**
Strengthen multi crew coordination and communication with structured MCC exercises tailored to Bell 412 operations.
- **Mission Training: SAR, HEMS, Fire Fighting**
Develop operational proficiency across demanding mission profiles through fully customizable SAR, HEMS, and aerial firefighting scenarios.





SPECIALIZED OPERATIONS

Our simulator enables advanced mission oriented training across a wide range of demanding operational environments. From firefighting to maritime procedures, mountain operations, and complex emergency scenarios, all mission profiles can be recreated with high realism and full environmental control. This ensures pilots can safely develop the skills, precision and decision making required for challenging real world operations.

- Fire Fighting (BAMBI), Geo specific terrain & satellite imagery
- Deck landings (offshore/elevated helideck)
- Ship landings (moving helideck)
- Ditching Training
- Airborne Radar Approach (ARA)
- Customisable training zones, landing spots & mission environments
- Brown out / White out Training
- Advanced Mountain Flight Training, power line scenarios
- Hoist Crew Coordination and Procedure Training



TECHNICAL SPECIFICATIONS

Our Bell 412 FTD Level 3 is equipped with advanced avionics, high fidelity flight systems and a fully immersive visual environment to ensure realistic and transferable training outcomes. Each component has been selected to accurately replicate operational performance and enhance pilot proficiency across all mission types.

- EFIS – Roadrunner (Electronic Flight Instrument System)
- 4 Channel Autopilot
- Garmin GTN 750Xi and GTN 650Xi
- 200° x 70° Spherical Visual System
- Vibration Platform (3 DoF)



HOIST TRAINING

CREW TRAINING · REALISTIC · CUSTOMISABLE

GHS provides a fully integrated multi crew hoist simulation environment, combining a **Bell 412 FTD Level 3** simulator with a synchronised **Hoist Operator Station**. This creates a realistic mission space where pilots, copilots and hoist operators train together in a coordinated workflow. By conducting mission tasks in a controlled environment, crews improve communication, timing and mission planning long before real aircraft time is used. Our training makes the training safer, faster and more cost efficient, supporting on the way to aircraft based qualification.

43250

Hours Flown

+10

Years of Experience

55400

Missions executed

OUR SERVICES

Full Crew Training

Pilot, copilot and hoist operator train together in one synchronised mission scenario. Improving communication, timing and operational flow.

Synchronized Cockpit & Hoist Station

Real time coordination between cockpit and hoist operator station for realistic CRM, hover control, mission flow and decision making.

Custom Scenario Generation

Custom built environments: mountain, off-shore, confined areas, weather changes and emergency/malfunction procedures. Tailored to your needs.

Basic & Advanced Training Modules

Two different training courses that enhance the pathway toward aircraft based qualification safer, faster and fully adaptable to organisational requirements.

Simulator Rental Option

Operate the entire system with your own instructors. Ideal for procedure testing, mission development, crew assessment and evaluation.



THE FUTURE OF HOIST TRAINING

THE GHS DIFFERENCE

- Hoist simulation for entire crew
- Basic & Advanced training modules
- Scenarios for any terrain or environment
- Experienced Instructors
- Simulator rental for agency led training
- Realistic, safe and repeatable training
- Reduced use of live flight hours
- Missions tailored to your procedures
- Improved crew communication & CRM

» **Fast. Reliable. Mission-ready** — **anytime, anywhere.** «





You can count on us ...
**YOUR COMPLETE SATISFACTION
IS MOST IMPORTANT TO US!**



www.global-helicopter-service.com
info@g-h-service.com
+49 8685 377 99-0

