

# AIRBUS

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HCare TF0 FFS BR 12-2022

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HELICOPTERS

**Training  
& Flight Ops**  
Full Flight Simulators (FFS)  
H135/H145-EC135

AIRBUS

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Important to you, essential to us.

# VERSATILITY & RELIABILITY



**EC135**



**H135**



**H145**

AIRCRAFT	EC135P2+	EC135 T3H	BK117-D2
COCKPIT	Full-scale replica cockpit	H135 Helionix cockpit	Original H145 cockpit
ENGINE	Pratt & Whitney 206B2	Turbomeca Arrius 2B2 plus	Turbomeca Arriel 2E
AVIONICS SUITE	MEGHAS (2*SMD45 & SMD68)	Helionix Step 3.1	Helionix Step 3
FLIGHT MANAGEMENT SYSTEM	Garmin GNS 430	Garmin GTN 750	Garmin GTN 750
QUALIFICATION	JAR FSTD (H) FFS Level B	EASA CS-FSTD(H) FFS Level D	EASA CS-FSTD(H) FFS Level D
PROJECTION	6 high-resolution DLP brilliant projectors	15 high-resolution DLP LED projectors	15 high-resolution DLP LED projectors
FIELD OF VIEW	180° * 75°	210° * 80°	210° * 80°
VISUAL DATA BASE FEATURES	<ul style="list-style-type: none"> <li>- Maritime: 3D sea, Oil Rigs</li> <li>- Several landscapes: countryside, desert, mountain, cities, confined areas</li> <li>- Any weather condition: clouds, ceiling, visibility/RVR, temperature, humidity, wind, turbulence</li> </ul>	<ul style="list-style-type: none"> <li>- Maritime: 3D sea, Oil Rigs, Ship deck, Offshore Windpark and Offshore Helidecks</li> <li>- Several landscapes: countryside, desert, mountain, cities, confined areas</li> <li>- Any weather condition: clouds, ceiling, visibility/RVR, temperature, humidity, wind, turbulence</li> </ul>	<ul style="list-style-type: none"> <li>- Maritime: 3D sea, Oil Rigs, Ship deck, Offshore Windpark and Offshore Helidecks</li> <li>- Several landscapes: countryside, desert, mountain, cities, confined areas</li> <li>- Any weather condition: clouds, ceiling, visibility/RVR, temperature, humidity, wind, turbulence</li> </ul>
MOTION SYSTEM	Moog FCS Model 636-4500 & Airbus Seat Vibration System	Moog, 62 Inches, electric, 6+3 DOF & Airbus Seat Vibration System	Moog, 62 Inches, electric, 6+3 DOF & Airbus Seat Vibration System
CLS SYSTEM	Moog Q100, 4 channels	Moog, 4 channels	Moog, 4 channels
MISSIONS	<ul style="list-style-type: none"> <li>Normal, abnormal and emergency system operations</li> <li>HEMS (Hospitals, accident scenes)</li> <li>Night Off-shore (incl. ship and oil platform Ldg.)</li> <li>Mountain (incl. Slope landing)</li> </ul>	<ul style="list-style-type: none"> <li>AB normal and emergency system operations</li> <li>HEMS (Hospitals, accident scenes)</li> <li>Night Off-shore (incl. ship and oil platform Ldg.)</li> <li>Mountain (incl. Slope landing)</li> </ul>	<ul style="list-style-type: none"> <li>AB normal and emergency system operations</li> <li>HEMS (Hospitals, accident scenes)</li> <li>Night Off-shore (incl. ship and oil platform Ldg.)</li> <li>Mountain (incl. Slope landing)</li> </ul>

➤ One of the two simulators can accommodate H135 or H145 cockpits thanks to a Roll-On/Roll-Off (RoRo) system and the second one is dedicated to EC135 training.

# A WIDE RANGE OF POSSIBLE TRAININGS

- Instructor training
- Familiarisation training
- Emergency Procedure training
- Type Rating (TR) training
- Recurrent/refresher training
- Instrument (IFR) training and rating
- Instrument rating revalidation and renewal
- Crew Resource Management (CRM) training
- Multi Crew Cooperation (MCC) training
- Emergency Medical Service (EMS) training
- Offshore training oil rig and ship landing operations
- NVG systems training



# TRAINING ON FULL FLIGHT SIMULATOR MANY ADVANTAGES

## Immersion & safety

- A safe way to gain practical experience for risky operations
- Manage critical situations with confidence
- Train in increasingly complex conditions :  
Single pilot, IMC, Night,  
Bad weather



### High fidelity and reliability

- Helicopter related simulator components developed and built by Airbus Helicopter experts
- Cockpit made of original helicopter parts
- Re-use of original airborne software
- High fidelity real-time simulation thanks to OEM helicopter design data



### Efficient Learning

- Training without negative environmental impact (noise, pollution)
- Training via flexible slots, not depending on external factors
- Supported and improved by Airbus Helicopters pilots and flight engineers
- Optimised training, the crew can focus exactly on desired tasks



This simulator is available in Airbus Helicopters Training Academy Donauwörth

For more information, please contact : [training.academy.ahd@airbus.com](mailto:training.academy.ahd@airbus.com)

