

AIRBUS

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HCare TF0 FFS BR 12-2022

HCare

HELICOPTERS

Training & Flight Ops

Full Flight Simulators (FFS)

H135/H145-EC135



AIRBUS

**FOR MORE INFORMATION,
PLEASE CONTACT: marketing-services.helicopters@airbus.com**

FOR ALL YOUR CUSTOMER SERVICE NEEDS:

Email: customersupport.helicopters@airbus.com

Phone: + 33 4 42 85 97 97

Fax: + 33 4 42 85 99 96

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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	<div>- Maritime: 3D sea, Oil Rigs - Several landscapes: countryside, desert, mountain, cities, confined areas - Any weather condition: clouds, ceiling, visibility/ RVR, temperature, humidity, wind, turbulence</div>	<div>- Maritime: 3D sea, Oil Rigs, Ship deck, Offshore Windpark and Offshore Helidecks - Several landscapes: countryside, desert, mountain, cities, confined areas - Any weather condition: clouds, ceiling, visibility/RVR, temperature, humidity, wind, turbulence</div>	<div>- Maritime: 3D sea, Oil Rigs, Ship deck, Offshore Windpark and Offshore Helidecks - Several landscapes: countryside, desert, mountain, cities, confined areas - Any weather condition: clouds, ceiling, visibility/RVR, temperature, humidity, wind, turbulence</div>
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	<div>Normal, abnormal and emergency system operations HEMS (Hospitals, accident scenes) Night Off-shore (incl. ship and oil platform Ldg.) Mountain (incl. Slope landing)</div>	<div>AB normal and emergency system operations HEMS (Hospitals, accident scenes) Night Off-shore (incl. ship and oil platform Ldg.) Mountain (incl. Slope landing)</div>	<div>AB normal and emergency system operations HEMS (Hospitals, accident scenes) Night Off-shore (incl. ship and oil platform Ldg.) Mountain (incl. Slope landing)</div>

> One of the two simulators can accomodate H135 or H145 cockpits thanks to a Roll-On/Roll-Of (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

