

Joint Press Release RS Flight Systems GmbH / RotorSky GmbH

## First F-light Line H135 Helionix® Pilot Training Device qualified at Austrian ATO RotorSky GmbH



Photos © RotorSky

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RS Flight Systems GmbH (RSFS) and RotorSky GmbH proudly announce successful EASA Qualification of the first F-Light Line H135 Helionix® Flight Simulation Training Device.

Shortly before the end of the year, RotorSky obtained EASA qualification by the Austrian aviation authority Austro Control GmbH for their first EC135 T3H (H135) flight simulation training device installed at their headquarter in Linz (LOWL). The unique modular and upgradable F-light line trainer is a joint project of RSFS and Reiser Simulation and Training GmbH, powered by Reiser's proven Level D software.

Compared to most helicopter FNPTs and FTDs on the market, the modular F-light line H135 Helionix® training devices are driven by the same Level D software as a full flight simulator (aerodynamic and engine models, avionics, visual and aural cues, etc.). Only the QTG is adapted appropriately for the nature of the target device - generic aircraft class for FNPT and type-specific for FTD. The instrument panels are a one-to-one representation of the real avionics. For customers looking for even more cost-effective solutions although more simplified, generic solutions are available. The FNPT is available in two

versions: A generic instrument panel layout that displays analog instruments and the Glass Cockpit "Helionix®" replica, which is standard in the FTD.

The FNPT will be used for multiple ab-initio training programs, like PPL, CPL, IR and MCC. Using the FNPT in ab-initio training will elevate training to max including:

- Higher training quality as the simulator allows for additional training, which for safety reasons cannot be performed in the real aircraft
- More cost-efficient training due to lower hourly rates of the simulator along with better usability even during poor weather condition
- Contribution to more environmental-friendly pilot training with very low energy consumption

The FTD is designated to be used for H135 Instrument Rating. Further on, upcoming new regulations will oblige Technical Crew Members (TCM) of HEMS operations to perform initial and recurrent training on a suitable FSTD. The H135 and the very similar H145 are the main helicopter types used in HEMS operations. RotorSky will offer the FTD also for TCM training to enable the pilot's assisting crew members to keep and develop their recurrent skills.

Maximilian Rommel, RSFS CEO, emphasizes that his team is in constant exchange with flight schools, ATOs and operators of small rotorcraft fleets. They generally cannot justify the cost of their own Level D device. "The qualification of our modular F-light line training device marks a milestone in the future of Helionix® flight training", he adds.

Christian Gruber, RotorSky GM ATO states: "We are very proud working together with RSFS, who managed to integrate the full Reiser Simulation and Training Level D software on a very cost-efficient FNPT cockpit: The result is a unique FTD for EC135 T3H using real flight data for both the simulation model of the dynamics and the flight systems. RotorSky is convinced to contribute to the helicopter training industry with an offer that significantly improves aviation safety, as it will boost pilot's learning curve while being most competitive on the market".

#### [About RS Flight Systems GmbH](#)

RS Flight Systems are specialists in customized avionics and flight data gathering. The company originated from general aviation and has always been very close to its customers. It has been serving them worldwide and reliably for over four years. The products and services range from the development and production of devices for general aviation to flight testing and flight test equipment, now expanded to include flight training devices. For more information, see [www.rs-flightsystems.com](http://www.rs-flightsystems.com) and LinkedIn.

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#### [About RotorSky GmbH](#)

RotorSky is an Austrian helicopter flight school with more than 15 years of experience in all kinds of helicopter pilot training. Over the years, RotorSky has become a key partner for helicopter pilot training

within Austria and Europe by establishing alternate bases. Today, RotorSky operates from 4 bases in Europe, one in the US with two more to come. RotorSky operates 23 helicopters of 11 different types:

- Sikorsky S-300, S-76B
- Bell 206
- Leonardo AW139, AW169
- Airbus BK117, B0105, H120, H125, H135, H145

For more information see [www.rotorsky.at](http://www.rotorsky.at), LinkedIn, Instagram

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