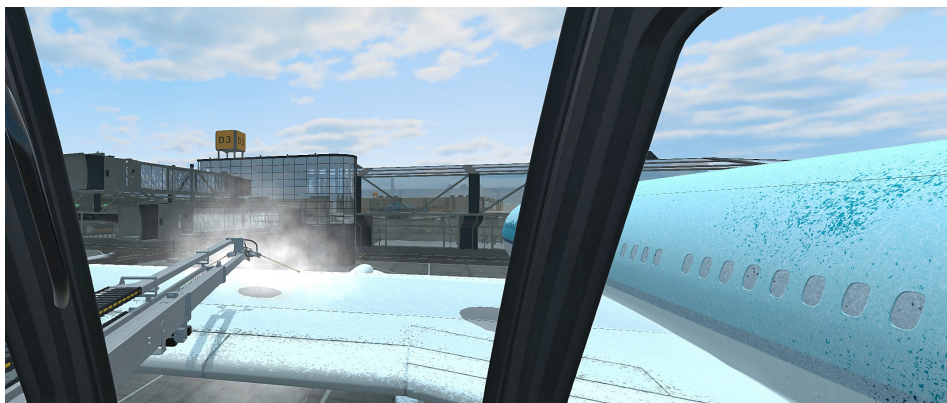


ELEPHANT® BETA SIMULATOR

PC-BASED TRAINING TOOL



Realistic de-icing scenario.



Full cabin mock-up version.

The Elephant® Beta simulator is a state-of-the-art PC-based training tool.

The simulator enables operators as well as trainees to simulate most aspects of aircraft de-icing in a lifelike environment. The user sits in the same type seat as in the operator's cabin and with same controls. The screen in front of the operator simulates the environment as it would be in on the ramp.

Simulation includes a selection of different aircrafts, from small commuters up to wide body. It also allows for multiple operators to de-ice one aircraft to improve teamwork skills and enhance operational performance.

The software has lessons or courses to be learned, and the users cannot progress before they have completed each lesson satisfactorily. These sessions include driving patterns around aircraft and various types of aircraft.

The Elephant® Beta simulator will not only add to the safety of de-icing operations, but will also reduce costs and time involved.

The Elephant® Beta simulator comes in two versions:

- A transportable table top version and
- A full cabin mock-up version

MAJOR ADVANTAGES

- » Reduces time and cost
- » Allows completely safe training
- » Multiple operators on one aircraft
- » Suitable both for recurrent and initial training



Transportable table version.

COMPANY

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ELEPHANT® BETA SIMULATOR

SPECIFICATIONS

➤ Hardware, which includes:

- Standard laptop PC
- Control panel with joystick (for controlling spray systems, boom movements and one-man operation) for easy mounting on table (table not included)
- Standard foot pedals console
- USB cables

➤ Software, characterized by:

- Program and one license (installed on laptop)
- Selection between simulation scenarios (such as pad/gate, spray boom length and other de-icer parameters)
- Selection between various operational conditions (e.g. precipitation, day/night/dusk, wind)
- Anti-collision radar system (Note: Only relevant for de-icers with this option)
- Selection between various aircraft types: A320, A350, A380, B737, B777 and Dash 8
- English or German language

➤ Additional options include:

- Complete Beta cabin set-up with seat, incl monitor
- Additional language version upon request
- Virtual reality goggles
- External Excel based report template

➤ Aircraft selection

The following aircrafts can be selected for de-icing:

- Airbus : A320, A350 & A380
- Boeing: B737 & B777
- Bombardier: Q400 (Dash 8)

➤ Additional advantages

- No consumption of fluid/water nor fuel
- No wear-and-tear on actual de-icers
- No occupation of high-capital de-icer
- No risk of person injury or damage to aircraft or other objects