



**HANDS-ON TRAINING IN A  
CAPACITY FREE ENVIRONMENT**

**“I WANT TO BE REMEMBERED FOR ONLY ONE  
THING – MY CONTRIBUTION TO AVIATION”**

**HOWARD HUGHES**





# REDUCE ACCIDENTS ON THE GROUND BY **50%**

3

**TODAY MANY AIRPORTS** are unfortunately inadequately prepared to operate in snow and other extreme winter conditions due to limited training capabilities. This can result in accidents, chaos, increased costs, and in worse case temporarily closed down operations. The LHG Winter OPS Center, part of the LHG Learning Center, aims to increase the safety and efficiency of the world's airports by offering hands-on training in a capacity free environment. Our vision is to reduce accidents on the ground by 50%.

**THE LHG WINTER OPS CENTER** is made up of three parts: Conference, Institute and Forum (CIF). The Institute, our educational department, is where we offer training in real conditions all year round. Our conference gives customers, manufacturers, and others in the industry a chance to get together in order to attend lectures, take part in discussions, look at and try out new products, and identify common challenges. Our forum is the permanent network through which we hold a continuous dialogue and work for the joint development of standards and rules.

**THE MAIN SITE** for the LHG Winter OPS Center is Lycksele Airport in northern Sweden. In this part of the world, winter and snow arrive early and last a long time. This, together with its excellent facilities, makes the airport the perfect training site.

## THE MAIN SITE FOR LHG WINTER OPS CENTER

Lycksele Airport in Västerbotten, northern Sweden. The airport has an area of about 90 hectares.

- Main runway, 2090 x 45m. Taxiway, 23m wide, on-site
- Three runways, off-site
- ILS CAT 1
- 90 hectares
- Terminal building (built in 2007) with conference rooms
- Long winter seasons

**LONG WINTER**

**SEASON IN A CAPACITY**

**FREE ENVIRONMENT**

# TRAINING ALL YEAR ROUND!

## IN WINTERTIME

- Complete Winter Ops Training in real conditions
- Runway and taxiway clearing techniques
- De-icing
- Friction measuring and analysis
- Runway Weather Information System (RWIS) and forecast
- Etc.



## IN SUMMERTIME

- Winter operations in advanced simulators
- Aircraft recovery
- Runway maintenance
  - Rubber removal
  - Friction Calibration measurements
  - Texture measuring
- Patching
- Marshall and Follow Me Training
- Fire rescue
- Etc.



# THE LHG WINTER CENTER CONSISTS OF THREE PARTS, ALL OF WHICH AIM TO INCREASE THE SAFETY AND EFFICIENCY OF THE WORLD'S AIRPORTS.

## INSTITUTE – training in real conditions

The Institute, our academy at Lycksele Airport, is where education and training are carried out in real conditions. With the help of snow cannons, we are able to provide winter conditions from as early as September. This means that our clients are given the opportunity to practise winter operations long before their own winter seasons begin. Winter conditions at Lycksele last until April.

LHG wants to promote the development of new products and procedures that will lead to more effective and safer winter operations. This is why the Institute has its own research and development strategy where we work constantly to promote the development of new products and procedures that will make winter ops more effective and safe. We also have a test center, where new products and procedures can be tested.

## FORUM – development through dialogue

Our forum is an association for the whole of the aviation industry. Through this network, we discuss problems and work out proposals for solutions and standards. Through lobbying, we aim to make a safer aviation industry.

6

## WINTER OPS CENTER



- Exhibition
- Product showcase
- Conference



- Academy
- Education
- Training
- R&D
- Testing



- Focus groups
- Networking
- Dialog
- Lobbying
  - Dev. Standards
  - Regulations



Hotel Lapland in Lycksele

## CONFERENCE – where contacts are made

At the LHG Winter OPS Conference, customers, developers, and exhibitors from all over the world get together. At this annual event manufacturers show-case their products, lectures are held as well as round-table discussion in which common challenges can be identified. There are also great opportunities for making new and important contacts.

The LHG Winter Ops Conference is held at the conference hotel Lapland in Lycksele. Besides providing a first-class location for the conference, hotel Lapland also offers spa facilities and a vast palette of activities in a beautiful mountainous landscape.





# "REDUCE ACCIDENTS ON THE GROUND BY 50%"

The vision of LHG Winter OPS center

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