



**Airport:** Frankfurt Airport

**Location:** Frankfurt, Germany

**Product:** Aerolaser Handheld

**Reason:** Bird dispersal in addition to ecological approach

**In use since:** February 2016

## Benefits for Frankfurt Airport

- Works on all sitting birds
- Safe to use without blinding anyone
- Decrease in intervention times
- Works on long distances

### More information

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“The Aerolaser Handheld is very effective against all sitting birds such as pigeons, herons and starlings”

**Jürgen J. Ebert**, Wildlife Control Coordinator

Frankfurt Airport is surrounded by forests, lakes, a river, and nature conservation areas. It contains the largest undeveloped grassland in the region. This attracts many bird species for feeding, resting, and nesting. Wildlife control mainly uses a ecological approach, accompanied by pyrotechnics, shotguns, and loudspeakers.

The Aerolaser Handheld has a lot of advantages for Frankfurt Airport. Not only is it very effective but as it comes with a training and the patented Horizon Safety System, it is also a very safe, non-invasive bird control measure.



**Bird Control Group**



# The Aerolaser Handheld is a very safe bird control tool

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Frankfurt Airport (Germany) is the largest airport in the country and one of the busiest airports in Europe. The airport is surrounded by forests, nature conservation areas, several lakes, and a river. And most importantly, there is the largest undeveloped grassland in the region which attracts many bird species such as buzzard, kestrel, pigeon, starling, and heron for feeding, resting, and nesting, thus increasing the risk of a bird strike.

## Ecological approach

Frankfurt Airport works with an ecological approach to prevent bird strikes. "The idea is to make the area as unfavorable as possible for birds that pose a risk. Human intervention and observation is limited to the minimum. The problem is that sometimes the ecological approach does not work. Additional bird control measures are necessary and the Aerolaser Handheld is now an essential part of the bird control tool box," explains Wildlife Control Coordinator Jürgen J. Ebert.

## Advantages of the Aerolaser Handheld

Frankfurt Airport works with the Aerolaser Handheld since early 2016. "The Aerolaser Handheld is very effective against all sitting birds such as pigeons, herons and starlings. First of all, it works well on long distance. We typically use it between 300 and 600 meters.

Secondly, the Horizon Safety System is very useful as it prevents the risk of blinding anybody. The third advantage is that it decreases our intervention times: instead of going all the way around a runway, we can now work across the runway when there is no plane intersecting. We use it from inside a car, which is convenient," explains Ebert.

## Safety

The Aerolaser Handheld helps improving the safety on the airport. An important feature for safe use is the patented Horizon Safety System. This prevents the risk of blinding pilots or other persons. "It makes it easier for authorities to permit the use of laser at airports. I strongly recommend the use of the Aerolaser. We are lucky to have it at Frankfurt Airport," summarizes Mr. Ebert.