


Third party risk analysis



 **Air Transport Division**
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"SUPPORTING THE DEMAND FOR EXPERTISE ON THIRD PARTY RISK AROUND AIRPORTS"

Third party risk analysis gives a better understanding of the risk to the population around the airport and supports the decision-making process in risk policy.

Air transport is a relatively safe mode of transportation. However, airports generate concentrations of air traffic over the area around the airport. Combined with the fact that most accidents occur during the take-off and landing phases, the local probability of an aircraft accident increases significantly near an airport, and hence the risk to the population in the vicinity of the airport.





"APPLICABLE TO INTERNATIONAL, REGIONAL AND SMALL AIRPORTS"

YOU NEED

- Insight in third party risk due to an airplane crash
- Environmental planning and safety zoning around an airport
- Reduction of risk and protection of people in the vicinity of an airport
- Analysis of risk policy due to air transport

WE HAVE

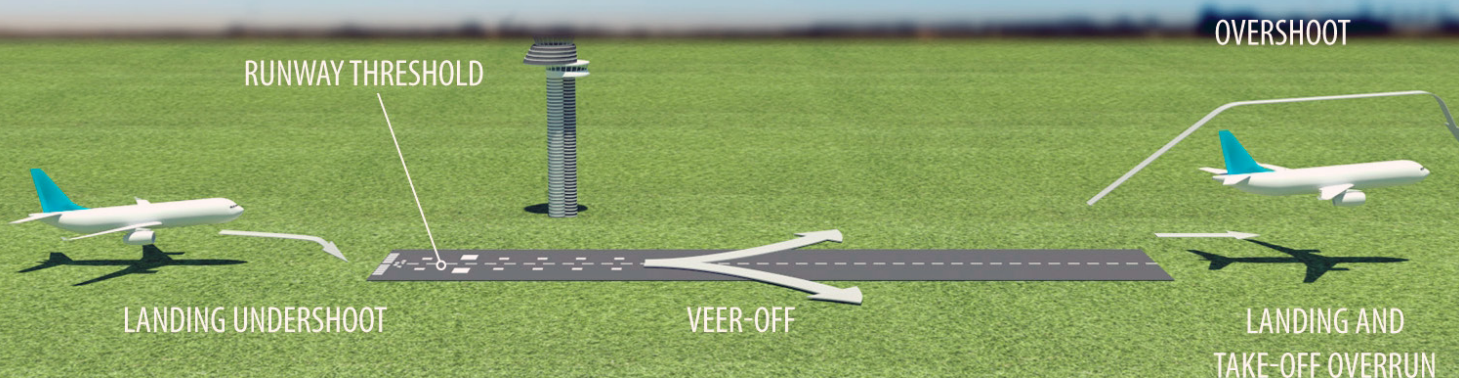
A renowned third party risk model and calculation methodology, which is accepted by the Dutch Government as legal standard for risk analysis of all Dutch airports and is referred in the ICAO Airport Planning Manual on Land Use and Environmental Control.

WE USE our expertise and facilities to

- Assist government policy-makers in setting up initiatives and guidelines for third party risk policy and in defining safety zones
- Support airport authorities in evaluating the feasibility of development plans and traffic scenarios by conducting dedicated third party risk analyses (along with noise and emissions)
- Provide local authorities and private firms information and experience on third party risk in relation to their development plans around an airport
- Map out safety zones for civil airports and inland heliports.

Experience

- Vast experience on environmental impact assessment studies for Schiphol airport and a number of regional and small airports in the Netherlands.
- Capacity assessments for Naples International Airport
- Studies on the Frankfurt-Main airport expansion with new runway
- Analyses of risk around a number of international airports in Switzerland, Italy, Spain and Sweden.



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