

THE SAFETY MAKER IN AVIATION



COMPANY PROFILE



since 1995:

Your experts in flight safety, airport planning, and ATM procedure planning

**Officially
certified:**

CEO Certified Aviation Expert in
Germany and Austria

**Consulting &
EASA/ICAO-Compliance:**

Customized, highly innovative safety and performance analyses, legal and environmental assessments, and comprehensive support for approval of non-compliant design elements in accordance with EASA/ICAO

**Smart Software Solutions
Digital Precision for Your
Flight Operations:**

From operational Safety Management Systems (SMS) to EASA compliance (ACM) and complex risk and airport simulations, all the way to precise fuel and emissions tracking (ETAS)

**Innovation meets
Knowledge:**

New ideas & scientific expertise to our close partnership with TU Dresden



Airport Planning

Capacity Analyses and Traffic Forecasts
Compliance Analyses for EASA/ICAO
Design of aircraft manoeuvring areas
Obstacle Analyses

Vertiport & VTOL



Infrastructure Planning
Capacity Analyses
Obstacle & Restriction Analysis
Environmental Analysis & Safety Assessment

Development of Performance Indicators
Flight Performance Calculations
Flight Profile Analyses

Performance Analyses



Safety Assessment



Aeronautical Studies
Electromagnetic Compatibility
External Risk
Glare Analyses
Flight Accident Investigations
Further Safety Assessments

Environment



Aircraft Noise Analyses
Wake Vortex Analyses
Wind Energy and Photovoltaics

Performance Tools

Safety Tools



Airport **SMS-Tool**
Airline SPI Monitoring System
External Risk Calculator

Enhanced Trajectory Analysis System
(**ETAS**)
Takeoff and Landing Performance Tool
(**TLPT**)
Tire-Soil Interaction Tool
(**T-SIT**)



Compliance Tools



Airport Conformance Monitor for Authorities (**ACM**)
Airport Conformance Monitor for Airports (**ACM**)
Digital Aerodrome Manual (**DAM**)



Airports

Frankfurt/Main, München,
Köln/Bonn, Düsseldorf,
Hamburg, Leipzig/Halle,
Dresden, Stuttgart, Nürnberg,
Hannover, Saarbrücken,
Zürich, Oslo (Avinor AS),
Wien Schwechat, Graz,
Salzburg,
Verkehrslandeplätze und
Regionalflughäfen (bspw.
Coburg, Freiburg, Strausberg,
Mannheim), Hubschrauber-
Sonderlandeplatz Donauwörth

Aviation authorities, organizations, and air traffic control service providers

DFS Deutsche Flugsicherung GmbH, Austro Control
(ACG), Skyguide, European Union Aviation Safety Agency
(EASA), European Organisation for the Safety of Air
Navigation (EUROCONTROL), Umweltbundesamt (UBA),
Ministerium für Umwelt, Naturschutz und Verkehr des
Landes Nordrhein-Westfalen, Bezirksregierung Münster,
Ministerium für Verkehr Baden-Württemberg, Sächsisches
Ministerium für Infrastruktur und Landesentwicklung,
Ministerium für Infrastruktur und Landesplanung
Brandenburg, Flughafenverband ADV, Bundesministerium
für Klimaschutz, Umwelt, Energie, Mobilität, Innovation und
Technologie (BMK Österreich), Schweizer Bundesamt für
Zivilluftfahrt (BAZL), Gemeinnützige Umwelthaus GmbH

Other Customers and Partners

Jeppesen
Sanderson / Boeing,
Airbus / Airbus
Helicopters, Wölfel
Engineering GmbH +
Co. KG, ABO Wind AG,
FCS Flight Calibration
Services GmbH,
Lufthansa Cargo, Swiss

You cannot find a suitable reference for your problem?

Contact us!



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