



Dedicated to innovation in aerospace

Dealing with safety challenges in ATM

ATM SAFETY SERVICES



Support complex ATM safety assessments

When you are struggling with capacity and efficiency challenges while maintaining compliance to regulations, a complex safety assessment is possibly the right answer. At NLR, we deliver advice to resolve your safety and operational issues in a cost-effective manner. With all necessary disciplines under one roof, we perform analyses and deal with specialties, rendering valuable advice.



WHAT YOU NEED

- Implementation of your Safety Framework Assessments
- Increase runway throughput
- Strengthen your Safety Management System (SMS)
- Get your Safety Culture to a next level
- Know the level of safety of your current or changed operation
- Get approval on your Safety Case from the aviation authority
- Decide on how to mitigate safety risks
- Get insight on actual risks, trends and hotspots from your safety data
- Execute **Safety Assessments** in case of planned operational changes or introduction of new ATM systems.
- Perform **Obstacle Assessments/Aeronautical Studies** to provide evidence based decision-making about safety risks.
- **Data Analysis** of safety occurrences in combination with related data sources, including development of **Safety Performance Indicators** to identify and track risks.

WHAT WE DELIVER

- Support with the implementation of your Safety Framework Assessments
- Solutions for increased runway throughput
- Advice on improving your Safety Management System
- Advice on improving your safety culture
- Safety Assessments
- Obstacle Assessments/Aeronautical Studies
- Identification and tracking of risks
- Support in how to mitigate safety risks

OUR CAPABILITIES

We have created for example safety cases for LVNL (ATC the Netherlands), safety assessments for Avinor (Norway ANSP) and Skyguide (Swiss ANSP) and studies for EUROCONTROL. All the necessary disciplines and facilities are available for your specific needs:

- Improve your **Safety Management System (SMS)**, its design, organization, resources, procedures and development of specific elements of an SMS.
- Understand, measure and improve your safety culture with the help of our **Safety Culture Assessment Tool (ASC-IT)**. ASC-IT is selected as the best practice for safety culture assessments by the European Strategic Safety Initiative (ESSI). ESSI represents Europe's main stakeholders such as EASA, IATA, Airbus and EUROCONTROL.



PRODUCTS & FEATURES

- Certified procedures
- Increased runway throughput
- Approved safety cases
- Improved safety culture
- Evidence-based safety assessments
- Insight in your safety performance