

SGS AIRLINE RISK CALCULATOR (ARC)

ENSURE YOUR EMPLOYEES ARE TRAVELING IN THE SAFEST WAY POSSIBLE WITH OUR PROPRIETARY TOOL

When booking business flights, can you say for certain which airline poses the lowest risk? If a member of your team is traveling to a remote area on a scheduled airline, can you demonstrate a systematic approach to aviation risk assessment? SGS has developed a proprietary web-based tool that can ensure that you are making the right decisions when it comes to business travel for your company.



WHAT IS ARC?

ARC is an online database which has been collecting annual data since 2003. The data collected allows us to rank the world's major airlines by comparative risk.

The subscription-based system enables companies to be informed when making decisions regarding their commercial airline travel. Clear evidence of a systematic approach to aviation risk assessment demonstrates corporate responsibility and care for your employees.

ARC works by providing detailed information and relative risk ratings for scheduled airlines from all over the world, with alerts and expert analysis when significant industry events occur.

The tool includes over 300 airlines reviewed on factors such as: fleet/aircraft type and age, maintenance arrangements, incidents/accidents, alliances/affiliations, commercial/financial stability, and regional factors including country security and regulatory oversight.

INDEPENDENT AND TRUSTED

Independent sources are used to gather reliable data which is then calculated to determine a relative risk rating for each airline. Rankings range from 0-10.

WITH YOU WHEREVER YOU LAND

ARC is not just a risk assessment tool for global travel managers in large corporations. ARC is mobile-friendly and can be used anywhere to make finding safe replacement flights as easy as possible.

ALWAYS INFORMED

With a newsletter compiling updates from the tool and airline industry, an alert system for major accidents and significant industry events, 24/7 access and a mobile friendly design, ARC is changing the way businesses proactively keep employees safe when traveling.

THREE AREAS OF FOCUS

1 SAFETY FACTORS

A multiplier comparing an airline's current accident rate, and the severity of an incident, against data for successful operations since 2005.

2 AIRLINE FACTORS

A value placed on the factors relating to an airline's specific operations: aircraft, fleet age, technical partnerships, industry memberships, Civil Aviation Authority bans, and others.

3 COUNTRY FACTORS

Individual countries are scored against factors including regulatory environment, national safety influences, air traffic control, weather conditions, and country security. Departure and destination point, if known, can also be used to rank overall risk.

HOW FACTORS CAN AFFECT RISK RATINGS

AIRLINE A **7.86 - LOW RISK**

- Has a large modern fleet
- Operates 110,000+ flights annually
- No fatal accidents
- Is a member of IATA and has passed an IATA operational safety audit
- Is a member of a major international airline alliance
- Operates to Europe and the USA

AIRLINE B **4.72 - MEDIUM RISK**

- Has a small modern fleet
- Operates 120,700+ flights annually
- No recorded incidents since 2005
- Has minimal maintenance facilities, but likely to be satisfactory
- Is a member of IATA and Has passed an IATA operational safety audit

AIRLINE C **1.95 - HIGH RISK**

- Has a medium sized, aging fleet
- 10+ recorded accidents since 2005
- Banned from the EU
- Operates 38K+ flights annually
- Originates from a country with a less than reputable regulatory authority
- Is not a member of IATA
- Operates aircraft that have been assessed as having higher risk

CONTACT US

Email us at aviation.safety@sgs.com or visit arc.sgs.com for more information.

The logo for SGS, consisting of the letters 'SGS' in a bold, sans-serif font. A vertical line is positioned to the right of the letters, and a horizontal line is positioned below the letters, forming an L-shaped graphic element.

SGS CUSTOMIZED AVIATION SAFETY SOLUTIONS

WE OFFER A FULL SUITE OF CUSTOMIZED SAFETY SOLUTIONS PERTAINING TO UAS AND AVIATION USE

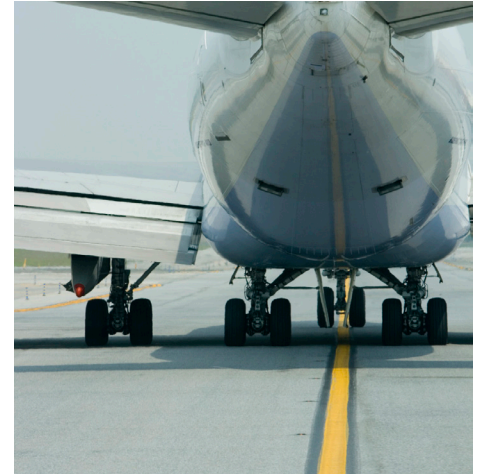
With 90,000 employees and 2,000 offices across the globe, SGS provides a suite of aviation consulting, training and audit services across many different industries, tailoring our solutions to your unique needs. As a global leader in quantifying and qualifying risk management and protection strategies relating to commercial air travel, general aviation and UAS activities, we set the benchmark for aviation safety services.

WE VERIFY AVIATION CONTRACTOR PERFORMANCE

- Reviewing contract compliance
- Taking into account the suitability of aircraft and their equipment fit
- The condition of aircraft on contract
- Spot checks of aircrew experience on contracted flights
- Analysis of JSA for the mission or route to be flown
- Ground crew training (where applicable)
- Review of incidents
- Discussion of passenger concerns
- And any additional criteria identified

AUDIT, INSPECTION AND CERTIFICATION SERVICES

- Operational, regulatory and technical audits of aviation operations and operators
- In-field and on-site independent, third party audits
- Customized internal audit solutions
- Contract compliance audits
- Pre-qualification, aviation studies and risk assessments
- Aviation management gap analysis
- Technical inspections of aircraft and airfields
- Proposal management and evaluations



ADDITIONAL SERVICES AVAILABLE

AERODOME & HLS INSPECTION SERVICES

We can inspect and certify your helipads and aerodomes against ICAO Annex 14 Volumes I and II, national regulatory authority requirements such as CAP 437, your organization's custom standards and industry best practices. We provide expert opinion on areas of improvement so you can make sure your aircraft is able to land safely every time.

BARS AUDITS

The Basic Aviation Risk Standard (BARS) program standardizes auditing practices among its member organizations. SGS is an accredited and experienced BARS audit provider. With the largest number of trained auditors in the world, we offer a rapid, efficient means to gaining BARS certification. We can help you achieve certification expediently, gain competitive advantage and add value to your offering within the resources and mining industries.

ADVISORY AND CONSULTING SERVICES

SGS has long provided professional advice on aviation safety management and operational issues to many of the world's leading international companies. We can help you set your organization's policies and standards, evaluate your SMS and QMS and more.

UAS SOLUTIONS

We can help you ensure your UAS operations are focused on safety and quality. Our team of industry experts can help you assess and mitigate operational risks, develop safety management systems that work, or ensure that policies and procedures are being followed.

HELIDECK INSPECTION SERVICES

SGS can inspect and certify your helidecks, fire-fighting and rescue equipment, and maintenance facility against ICAO, company and custom standards as well as perform friction tests. Our advisors are very familiar with UKCAA (CAP437) offshore helicopter landing area standards and can offer you guidance on the competence and training of your crew, your communication procedures, maintenance facility and refueling procedures and friction testing. We can advise on industry best practices and review your nominated HLO manual to ensure your operation is as safe as possible.



WHEN YOU NEED TO BE SURE