



ACCOUNTABILITY



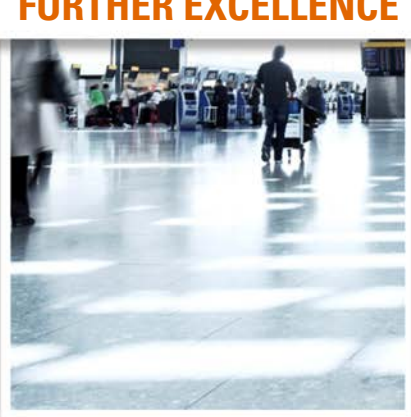
SAFETY



FURTHER EXCELLENCE



TRUST



RISK MANAGEMENT

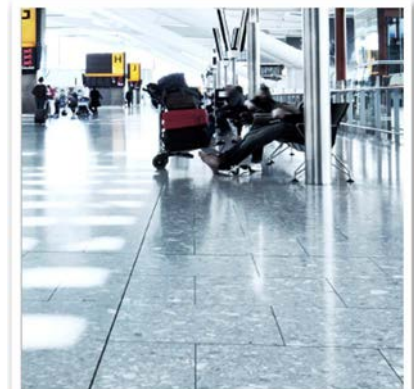
LOOKING FOR A SAFER WAY TO FLY?
ARC: AIRLINE RISK CALCULATOR



A SAFER WAY TO FLY



TRUST



RISK MANAGEMENT

When booking business flights, can you say for certain which airline poses the lowest risk? If a member of your team is travelling on a scheduled airline somewhere remote, can you demonstrate a systematic approach to aviation risk assessment? If you answered 'no' to either of these questions then subscribe to the latest risk management tool from SGS – the Airline Risk Calculator (ARC).

WHAT IS ARC?

ARC is an online database, which has been collecting annual data since 2003. The data allows ARC to rank the world's major airlines by comparative risk. It is a subscription-only system, which enables companies to manage their commercial airline travel in an informed manner – essential in today's growing business culture requiring organisations to have transparent 'corporate social responsibility' codes.

Clear evidence of a systematic approach to aviation risk assessment demonstrates discharge of corporate duty of care. ARC provides that process and proof.

HOW ARC WORKS

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 information covers approximately 300 airlines and each one is reviewed on factors such as: fleet/aircraft type and age, maintenance arrangements, incidents/accidents, alliances and affiliations, commercial/financial stability, and regional factors/country security and regulatory oversight.

INDEPENDENT AND TRUSTED

Independent sources are used by ARC to gather reliable data which is then calculated through standardised weightings and algorithms to determine a relative risk rating for each airline. Rankings are from 0-10 representing lowest to highest risk respectively.

WITH YOU WHEREVER YOU LAND

ARC is not just a risk assessment tool for global travel managers sitting at a desk in large corporations. When you are far from the office, and suddenly find yourself offloaded, ARC is accessible via mobile devices and can instantly tell you of the risk associated with replacement flights. All of the data and information is there on your phone or tablet, so that you can make as safe a judgement call as possible on any alternative routes to your destination.

ALWAYS INFORMED

With a monthly newsletter compiling all the changes and goings on in the airline industry, alert system when major accidents or significant industry events occur, ease of use and access 24/7 through your mobile, ARC really is changing the way businesses proactively keep employees safe when travelling by air.

WHY SGS?

SGS is recognised as the benchmark for quality and integrity. We employ over 80,000 people globally and operate a network of more than 1,650 offices and laboratories around the world.

Enhancing processes, systems and skills is fundamental to your ongoing success and sustainable growth. We enable you to continuously improve, transforming your services and value chain by increasing performance, managing risks and better meeting stakeholder requirements.

TO FIND OUT MORE ABOUT ARC, CONTACT

AVIATION.SAFETY@SGS.COM OR VISIT

[HTTPS://ARC.SGS.COM](https://arc.sgs.com).

ARC GIVES SUBSCRIBERS ACCESS TO AN EXCEPTIONAL SAFETY DATABASE. THE SYSTEM EMPOWERS OUR CUSTOMERS TO MANAGE RISK, TO DEMONSTRATE THEY HAVE APPROPRIATE CONTROLS IN PLACE, AND PLACE EMPLOYEE WELFARE AT THE HEART OF THEIR TRAVEL PLANNING.

THREE AREAS OF FOCUS

SAFETY FACTORS

This is a multiplier which compares an airline's current accident rate (and the severity of an incident) against data held on ARC for successful operations (spanning over 12 years).

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.

COUNTRY FACTORS

Individual countries are scored against factors including the 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 the overall.

AN EXAMPLE HOW FACTORS AFFECT AN AIRLINE'S RISK RATING:

AIRLINE **A** 7.86 - LOW RISK

- Has a large modern fleet
- Operates over 110,000 flights annually
- Has had no fatal accidents
- Is a member of the International Air Transport Association (IATA)
- Has passed an IATA operational safety audit (IOSA)
- 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 over 120,700 flights annually
- Has had no recorded incidents since inception in 2005
- Has minimal maintenance facilities, but likely to be satisfactory
- Is a member of the International Air Transport Association (IATA)
- Has passed an IATA operational safety audit (IOSA)

AIRLINE **C** 1.95 - HIGH RISK

- Has a medium sized, aging fleet
- At least 10 recorded accidents in the last 12 years
- Banned from the EU
- Operates approximately 38,000 flights annually
- Originates from a country with a less than reputable regulatory authority
- Is not a member of the International Air Transport Association (IATA)
- Operates aircraft that have been assessed as having higher risk

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WHEN YOU NEED TO BE SURE

