

# SGS BARS AUDIT SERVICES

## SUPPORT AND ASSISTANCE FROM OUR INDUSTRY EXPERTS THROUGHOUT THE BARS AUDIT PROCESS

The Basic Aviation Risk Standard (BARS) program is a Flight Safety Foundation initiative developed from an industry-identified need. It was created to establish a common global aviation safety audit protocol that could be applied to on-shore resource sector aviation support activities. As a risk-based model framed against the actual threats posed to aviation operations, particularly those found in challenging and remote environments, it directly links these risks to associated controls, recovery and mitigation measures. The BARS standard provides a consistent audit model for some of the largest mining companies in the world in addition to non-profit organizations.



### OUR SAFETY AUDIT PROCESS

SGS conducts third party and customized audits, as well as internal audits. On-site operational safety and technical audits are conducted against relevant legislation, industry best practices and your organization's aviation standards, and we can scale our program to your needs. We can audit individual operations, or manage an aviation audit program on your behalf.

We go further than a simple compliance audit and make recommendations for improvement based on our extensive experience within the industry. We provide post-audit follow-ups over the course of the audit approval and ensure that any recommendations made as a result of the audit are successfully implemented, giving you peace of mind.

### STREAMLINING AND SIMPLIFYING THE AUDIT PROCEDURE FROM START TO FINISH

For those new to the BARS program, the process of going through your first audit can seem daunting. Our experienced auditors will provide the support and assistance you need so that the process is as beneficial as it is seamless for your organization.

- Our consultants can help you identify gaps in your management systems
- Offshore helicopter operations including marine pilot transfer
- Airborne geophysical surveys
- Helicopter external load operations
- Aerial photography operations
- Unmanned Aircraft Systems (UAS)
- Powerline inspections and line maintenance work
- Emergency Medical Services (EMS) and Medivac operations
- Accident and incident investigation

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### CONTACT US

Email us at [aviation.safety@sgs.com](mailto:aviation.safety@sgs.com) for more information.

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

# SGS CUSTOMIZED SAFETY SOLUTIONS

## WE OFFER A FULL SUITE OF CUSTOMIZED SAFETY SOLUTIONS FOR THE AVIATION INDUSTRY

SGS provides audit services across many different industries, tailoring our solutions to your unique needs. Our advisors will discuss the scope with you prior to an audit taking place to ensure we capture your specific requirements and focus the audit accordingly. This allows you to take maximum advantage of the audit process, giving you confidence that your operations are as safe and compliant as possible.

### 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

### WE VERIFY AVIATION CONTRACTOR PERFORMANCE

- Contract compliance reviews
- Suitability of aircraft and equipment fit
- 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
- Review of incidents
- Discussion of passenger concerns



## ADDITIONAL SERVICES AVAILABLE

### AIRLINE RISK CALCULATOR

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. ARC is an online database which has been collecting annual data that 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.

### ADVISORY AND CONSULTING SERVICES

SGS has 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, QMS and more.

### 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. Our experts will offer you advice on how you can improve the safety of your infrastructure and operations.

### 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.