

SOUTH AFRICAN



CIVIL AVIATION
AUTHORITY

Risk-Based Oversight **WEBINAR**

Advantages to Industry

DATE 14 May 2021

TIME 10h00 – 12h00

via



Microsoft Teams



Presented by: Project Lead, Cathy Teague

Keeping you safe in the sky

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Advantages to Industry

- RBO provides collated risks regarding each part of the organisation.
- This enables them to be analysed together, as a single regulated entity.
- Effective safety oversight, coupled with industry risk management, provides confidence that safety risk controls are in place and effective.
- Size and complexity calculations will ensure that evaluations are per structure and not compared to the sizes of organisations.
- Future oversight plans are tailored on the latest assessment of an entity's safety risks and performance.
- This helps plans to be proportionate and targeted.
- The planning cycle may be 24 - 48 months, up to 5 years - or be much reduced if proven that the safety performance has significantly decreased.
- Choice of cycle length and audit interval may be driven by availability of resources.



Advantages to Industry (cont.)

- For each operator taken individually, the cycle length is derived from its risk profile;
- Then, for each area (e.g. training, dangerous goods) the audit interval is derived from an evaluation of the risks in that area; or
- All operators are ranked by their risk profile and clustered accordingly.
- The cycle length is connected to each cluster of operators: those above average will see their cycle extended, while those below average will have the cycle length increased.
- Likewise, within an operator, the audit interval for each area is adapted to the evaluated level of risk.



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Risk-Based Oversight - How will it benefit the SACAA?

- Will allow for a more effective use of the available oversight resources.
- RBO provides more flexibility to authorities to better allocate their staff, e.g. more intensive oversight for organisations having a high-risk profile, or less performing, or sustaining major management changes.



Risk-Based Oversight - How will it benefit the SACAA? (cont.)

- However, RBO should not be seen as a means to reduce the staff resources; traditional oversight will remain.
- RBO, through increased efficiency, will increase the effectiveness of oversight and contribute to a reducing trend in the number of accidents.



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- The SACAA can provide Proportionate Surveillance, which is required, based on risk and performance.
- Can identify the key areas for concern, based on targeted consistent risk analysis.
- The SACAA is able to efficiently assign resource to issues requiring the most attention.
- The SACAA is flexible enough to respond to incidents and is able to predict where issues may arise.

