

SafeOPS

Risk Framework for In a Go-Around **Al-based predictions** scenario



Risk framework

In GAs, ATCOs fulfil 4 main safety functions:

- Wake vortex monitoring
- Separation monitoring
- Runway monitoring
- **Trajectory management**

SafeOPS models the AI impact with a barrier-based risk framework including Human Factors.





Highlights

SafeOPS risk framework shows the main benefits of GA predictions are:

- Increased situational awareness +
- More time to plan next actions +

Foreseeable drawbacks (e.g. eccess of confidence that a GA or landing will occur) are estimated to be highly unlikely.

How to present GA predictions:

- Best only high-probability GAs ΔŢ
- Longer look-ahead times ΔŢ
- Optional display of GA causes ΔŢ



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