

MINISTER'S VALUE-FOR-MONEY ACHIEVEMENT AWARD



DISTINGUISHED AWARD

REGULATORY INNOVATION FOR AVIATION RESILIENCE



PROJECT TEAM



| | |
|----------------------|----------------|
| Foong Ling Huei | Advisor |
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| Justin Wee | Member |
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OVERVIEW

NEED FOR
PROJECT

SOLUTION

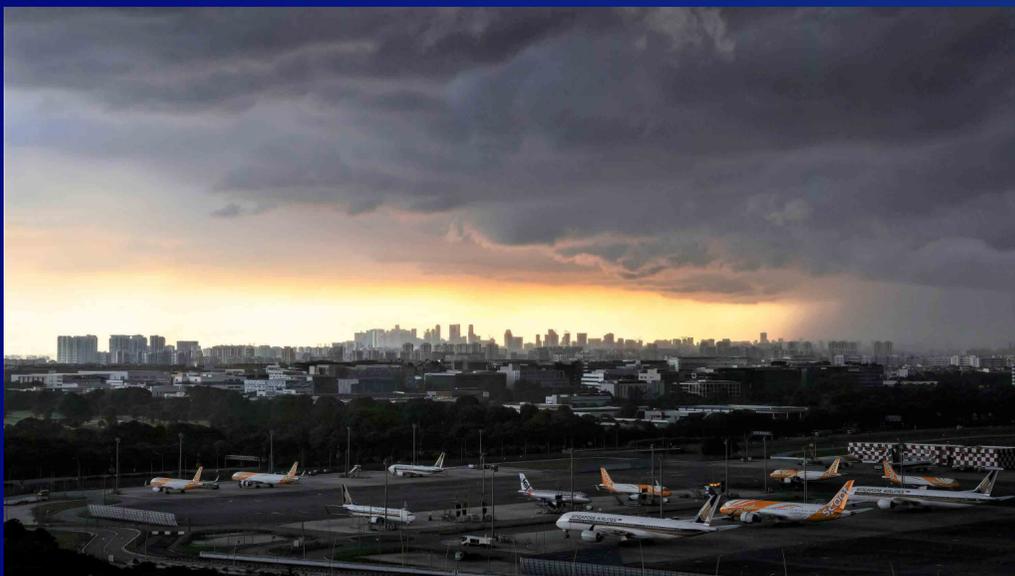
IMPACT

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Civil Aviation Authority of Singapore**DISTINGUISHED AWARD**

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NEED FOR PROJECT



- The post-pandemic aviation landscape presented both challenges and opportunities for airlines.
 - The supply chain disruptions limited airline growth plans in a fast-recovering market.
 - The reduction of aircraft parts availability and hangar slots increased possibilities of flight disruptions and aircraft grounding.
- Amidst these challenges, the rising ad-hoc charter demand created new market opportunities.

PROBLEM STATEMENT

Need to adapt the existing approval processes and regulatory frameworks to fit in the dynamic post-pandemic landscape.

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SOLUTION



Pre-Implementation

- Established clear policy scope and safety boundaries.
- Benchmarked international regulatory models to adopt best practices.
- Applied risk-based methodology to identify critical safety risks and control points.

Implementation

- Collaborated closely with stakeholders to ensure pragmatic solutioning.
- Developed guidance material and communication materials to guide industry.

Post-Implementation

- Monitored compliance and gather operational feedback.
- Conducted periodic reviews of framework effectiveness.
- Refined framework based on reviews and feedback received.

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SOLUTION STATEMENT

Adopted a risk-based policy development approach, coupled with international best practices benchmarking, collaborative stakeholder engagement, and continuous monitoring, to ensure effective and pragmatic regulatory solutions.

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IMPACT



- Enhanced operational resilience and agility to grasp market opportunities.



- Collaborative policy development with key stakeholders.



- Scalable approach for future policy application and refinement.



- Cost Savings: \$30mil (initial).
\$10mil – \$15mil (annual).

OUTCOME STATEMENT

Enabled airlines with enhanced operational resilience to manage challenging times, reduced regulatory burden while maintaining safety standards, as well as achieved significant cost savings.