

## AI Becoming Operational Backbone

AI is shifting from isolated tools to embedded decision-support systems across flight operations, disruption management, and resource allocation.

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Repeated pilot reports highlight mounting operational stress, ATC inconsistencies, and systemic strain across busy airport environments.

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## Pilots Flagged Safety Risks Before Fatal Crash

## Aircraft Maintenance Engineer Retention

A growing retention crisis reveals structural issues in pay, fatigue regulation, and accountability impacting aviation safety resilience.

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Upcoming regulatory shifts across passenger rights, sustainability, and airspace modernisation will shape airline compliance and operational frameworks.

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## Aviation Regulation: What's Changing in 2026

COMPLIANCE

## IATA: The Five Biggest Risks Facing Aviation in 2026



Fleet shortages, supply constraints, and decarbonisation pressures are colliding, forcing airlines to balance growth ambitions with operational realities.

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Automation, digitalisation, and sustainability initiatives are redefining airport performance metrics, from queue times to emissions and airside coordination.

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## Airport Operations Are Entering a Tech-Driven Era



Industry experts question whether AI systems meet aviation's strict safety thresholds, highlighting certification barriers and cautious adoption in maintenance and operations.

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## Can AI Be Trusted With Flight Safety?



Digital operations, SAF scaling, and supply chain resilience are converging to reshape airline efficiency, fleet planning, and long-term sustainability strategy.

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## Aviation's 2026 Operating Model Is Being Rewritten

