

## COMPLIANCE, RISK & RESILIENCE: AVIATION RESILIENCE

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### PREPARING FOR DISRUPTIONS & OPERATIONAL RECOVERY

As a unique sector of critical infrastructure, airports are increasingly expected by local, regional, and federal stakeholders to be resilient in the face of inevitable operational disruptions from cybersecurity events, natural disasters, public health restrictions, and airport-related crises.

#### THE BASICS

Effective airport resilience includes these capabilities and competencies:

Cybersecurity Hygiene & Response Planning	Hardening the IT environment, updating policies and procedures, testing and remediating vulnerabilities, and exercising response, to protect the confidentiality, integrity and availability of airport information and systems.
Airport Emergency Plan	Developing the AC 150/1500-31C compliant AEP, consistent with the Incident Command System (ICS) and National Incident Management System (NIMS), to protect life and airport infrastructure.
Business Continuity (aka Continuity of Operations) Planning	Documenting the risk-based recovery priority of every essential airport function, and the people, processes, technology, plant & equipment, and vital records required to re-start those functions, exercising to simulations likely to occur.
IT Disaster Recovery Planning	Assuring an adequate mix and availability of IT infrastructure and capacity necessary to support recovery periods required in the BCP or COOP process.
Multi-Party Crisis Management	Implementing a way for airport, FBO, government, contractor, and tenant staff to effectively collaborate during crisis events.

Our Compliance, Risk & Resilience group is experienced at helping airport management teams assess and remediate their operational risks and gaps, take stock of their current plans and capabilities, and develop and exercise effective new plans.

### REPRESENTATIVE ENGAGEMENTS

#### Large West Coast Airport Authority

Implemented Business Continuity Planning for the IT Group and Information Security Team responsible for a major hub and a general aviation airport.

#### Large Western Hub

Implemented Continuity of Operations Plans for the airport's operational departments and conducted Business Impact Analysis across all airport departments, including an IT Disaster Recovery Plan.

### Medium Western Hub

Conducted a Business Impact Analysis for all departments, implemented Continuity of Operations Plans for airport operational departments, and provided Resiliency Training.

### Large Southwest Hub

Implemented Business Continuity Plans for airport operational departments and conducted a risk assessment with gap analysis including remediation recommendations.

### Large Southeast Hub

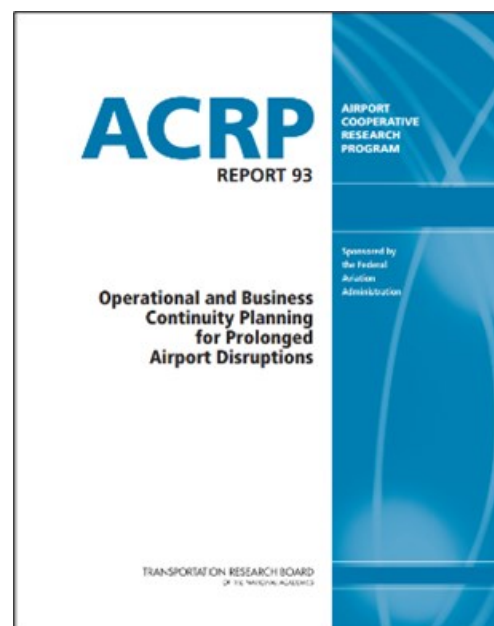
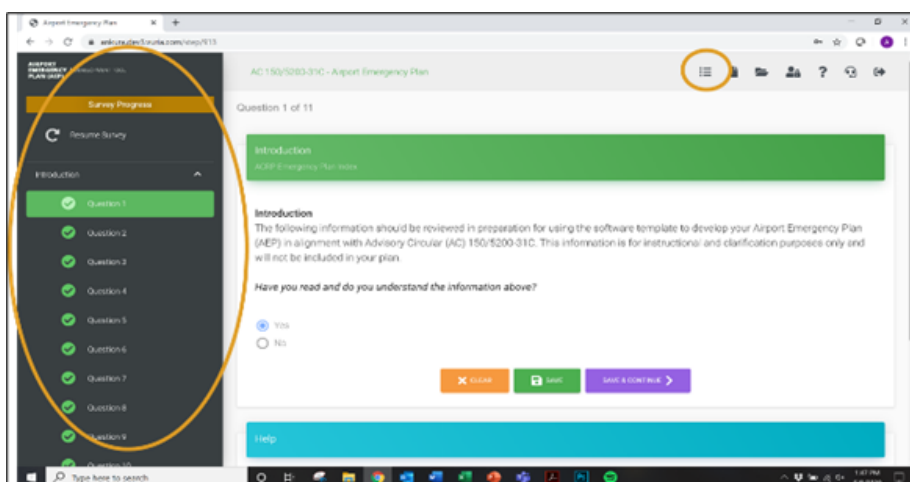
Conducted a Business Impact Analysis across all departments and are currently developing its IT Disaster Recovery plan, with recovery run book templates and procedures.

### General Aviation Reliever Local

Completed Continuity of Operations Plans for all operational departments.

We authored ACRP Report 93 – Business and Operational Continuity for Prolonged Airport Disruptions, an authoritative guide to airport BCP and COOP.

For ACRP 04-19/A we designed, built, and host the Cloud-based Airport Emergency Plan Development Tool used currently by over 60 airports to develop 31C aligned AEPs.



## AIRPORT RESILIENCY SERVICES AVAILABLE

### AEPs

- Current plan review
- Plan upgrade or redevelopment
- Tabletop exercise and simulations

### Business Continuity / Continuity of Operations Planning

- Program review/audit
- Plan upgrade or redevelopment
- Tabletop exercises and simulations

### IT Disaster Recovery Planning

- Review of DR and back-up/restore capability
- Alignment of DR and BCP/COOP plans
- Plan and run book development

## Cybersecurity

- Needs assessment against NIST, ISO and CIS frameworks
- Vulnerability assessments
- Remediation strategy and maturity roadmaps

## Mobile Crisis Collaboration Platform

- Role-based crisis communications tool, checklists
- App downloaded to any mobile device
- Real-time situational awareness among all airport stakeholders
- Real time translation into multiple languages
- Geo-fence all affected airport staff



## ABOUT B. RILEY ADVISORY SERVICES

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