Compliance, Risk & Resilience:
AVIATION RESILIENCE

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:

<table>
<thead>
<tr>
<th>Capability</th>
<th>Description</th>
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<tr>
<td>Cybersecurity Hygiene &amp; Response Planning</td>
<td>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.</td>
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<td>Airport Emergency Plan</td>
<td>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.</td>
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<tr>
<td>Business Continuity (aka Continuity of Operations) Planning</td>
<td>Documenting the risk-based recovery priority of every essential airport function, and the people, processes, technology, plant &amp; equipment, and vital records required to re-start those functions, exercising to simulations likely to occur.</td>
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<tr>
<td>IT Disaster Recovery Planning</td>
<td>Assuring an adequate mix and availability of IT infrastructure and capacity necessary to support recovery periods required in the BCP or COOP process.</td>
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<td>Multi-Party Crisis Management</td>
<td>Implementing a way for airport, FBO, government, contractor, and tenant staff to effectively collaborate during crisis events.</td>
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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

B. Riley Advisory Services provides specialty advisory services and solutions to complex business problems and board-level agenda items. Our team applies a unique mix of skill sets to address top-level, non-typical business challenges, such as developing compliance and risk systems for organizations, planning and executing a major acquisition or divestiture, pursuing a fraud investigation or corporate litigation, or managing through a business crisis or bankruptcy. In addition, we are a leading provider of valuation and appraisal services for asset-based lending applications.

Our team works with lenders, law firms, government entities, private equity sponsors and companies of all types. Our Advisory Services are a unique mix of Compliance, Risk & Resilience Services, Valuation and Appraisal Services, Restructuring and Turnaround Management, Operations Management Services, Forensic Accounting and Litigation Support and Transaction Support Services including Due Diligence and Quality of Earnings Reviews. B. Riley Advisory Services is a combination of the firms formerly known as GlassRatner Advisory & Capital Group and Great American Group.

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B. Riley’s diverse suite of business capabilities goes beyond traditional financial service offerings. By leveraging cross-platform expertise and assets, our business units are uniquely positioned to provide full service, collaborative solutions at every stage of the business life cycle and in all market conditions.

PRACTICE LEADERS

Scott Corzine
scorzine@brileyfin.com
(917) 930-5300

Duane Lohn
dlohn@brileyfin.com
(602) 321-9818

Corey Gooch
cgooch@brileyfin.com
(213) 409-6248

www.brileyfin.com  NASDAQ:RILY

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