CONTINUITY PLANNING AND EMERGENCY MANAGEMENT

• Emergency situations are certainly disruptive to the operation of an airport.

• Emergency management and business continuity both require recovery actions.

• Continuity planning deals with business and operations recovery after any airport disruption.

• Airport business continuity practices focus not on why a system or function is down but on the resources needed to restore that system or function. (ACRP Synthesis 78 –Varma et al.)
CONTINUITY PLANNING AND EMERGENCY MANAGEMENT

- Planners must determine the answer to two questions: “How do we operate while the system is down?” and “How do we restore the system?”
- This will require an evaluation of the resources needed to temporarily maintain the function and those needed to restore the system. (ACRP Synthesis 78 – Varma et al.)
Contracting for Services

“Normal” Operations will be different due to different business models and different passengers needs.

- Define minimum necessary to operate:
  - Infrastructure
    - Terminal Building
  - Operational areas (Air Side, Ramp, etc.)
- Resources
  - Technological – Systems, NAV Aids, Communications
  - Materials – Equipment – Supplies
  - Human: Airport, Airline, Employees from third parties – Services Providers- Authorities etc. (VIVA Aerobus – 2018)
Contracting for Services

To expedite the recovery process agreements should be in place previous to the occurrence of any adverse event.

Operational Agreements should be preestablished with:

• Airlines
• Civil Aviation Authorities
• Customs Service
• Immigration Service
• Concessionaires
• Transportation
Contracting for Services

Facilities recovery agreements should be preestablished with:

• Terminal cleaning services
• Airside/Landside cleaning services
• Heavy equipment providers
• Power generation suppliers
• Building material suppliers
Contracting for Services

VARIOUS TYPES OF AGREEMENTS

• Mutual aid and assistance agreements:
  • Allow neighboring jurisdictions to support one another during an incident.
  • Are formal documents that identify the resources that jurisdictions are willing to share during an incident.

• Institutional agreement:
  • Provide the majority of the external assistance.
  • Request assistance from other governmental entities by using various mechanisms such as memorandums of understanding, assistance compacts etc..
LESSONS LEARNED FROM SJU AND SMX

Emergency Power Generation, must include more than just basics:

- Comfort Elements
- Air Conditioning
- Concessions
- Signage
- Transportation

Reestablish facilities for:

- Terminal, Cargo, ATC, Offices, Perimeter Fences, ARFF
Contracting for Services

THANK YOU

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