

Taking a collaborative approach Runway Safety Scenario

Possible Scenario Solution

Session 5

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Possible Scenario solution

- Establish Runway Safety Team if not already established
- Identify and ensure all stakeholders involved
- Determine the problem
- Identify roles, responsibilities and accountabilities
- Develop plan of action
- Effectively communicate the plan
- Communicate progress especially delays
- Provide feedback channel

Review Runway Use Plan

- How are runways typically assigned?
 - Is either a primary arrival or departure runway?
 - Are both runways typically active and used?
- Multiple or single runway?
- Can a single runway support the expected traffic volume?
- How is RWY 6/24 typically used?
- How is RWY 13/31 typically used?

Review Traffic Management Options

- If restrictions to arrivals are anticipated, what is the plan to ensure restrictions are in place in a timely manner?
- Does the facility have the means to enact departure delays if required?
 - What are they?
 - Who will be responsible for carrying them out.

Review Taxi and Ground Movement Plan

- Normal ground operations will have to be adapted to accommodate a single runway with a single point of access/exit.
 - Can aircraft be held in the RWY 24 turning circle?
 - This could be advantageous for staging RWY 13 departures, or
 - Holding a RWY 31 arrival while another aircraft lands or departs.
 - The taxiway connecting RWY 13/31 and the Main Apron will have to be protected to avoid gridlock.

Taxi/Ground Movement cont'd

- Ensure a sensible plan is in place for movement between the Grass Parking area and the Main Apron with extra emphasis on awareness of activity in and around the work site.
- What plan is in place to communicate all changes to normal operations to airport users?

Review Tower Staffing Plan

- Will additional staffing be required to:
 - Manage flow control;
 - Coordinate a more complicated ground movement plan;
 - Accommodate more airborne holding;
 - Manage potential ground hold procedures; or
 - Control movement of construction vehicles to/from the work site?

Develop Briefing Package For Air Traffic Controllers

- High level briefing covering:
 - Changes to current procedures;
 - Duration and schedule of planned closure;
 - Any changes made in the previous steps;
- Weekly and/or daily briefings:
 - Construction status;
 - Weather forecast and its possible impact;
 - Problems encountered/lessons learned.
- Training

The End

Multiple runway operation

- If arrivals and departures are typically sequenced to different runways then it can be anticipated that greater than normal spacing will be required to allow for each departure to have time to back taxi to the takeoff position.
- [Return to previous slide.](#)

Single Runway

- If the airport typically only uses one runway at a time then the procedures for a runway 13/31 operation will have to be followed for the duration of the construction project.
- [Return to previous slide.](#)

THANK YOU

