



| ICAO BANGKOK

UNITING AVIATION

# SAR Sharing and Lessons Learnt

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# Introduction

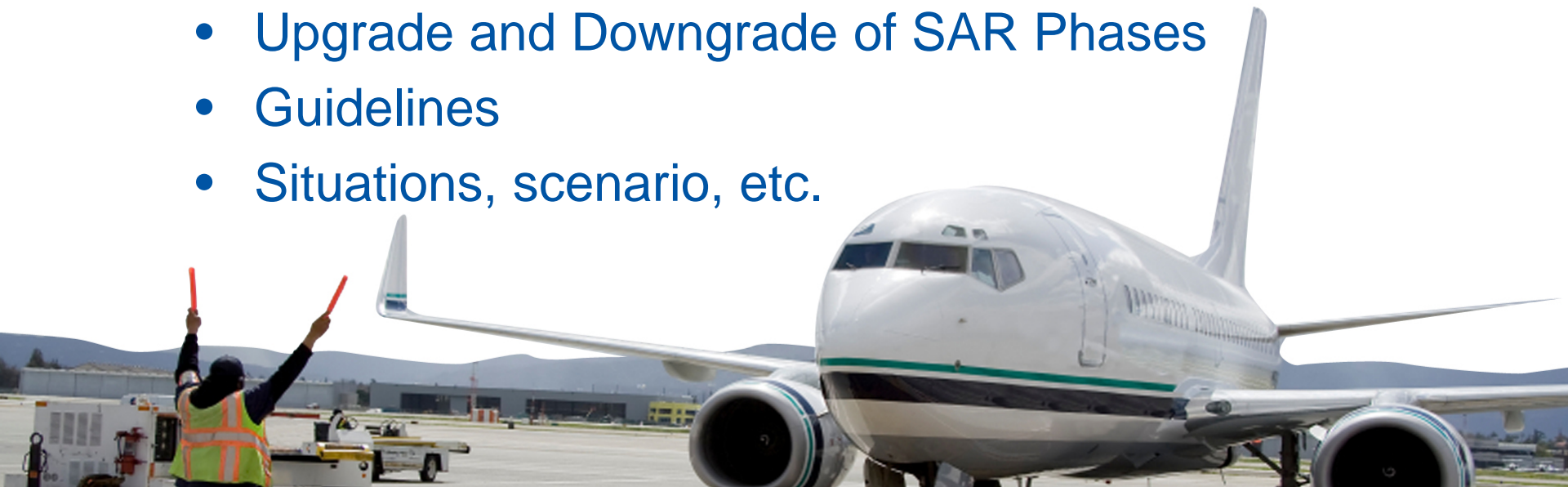
- SAR Phases
- Alerting Processes
- Coordination and Planning
- Activation
- Procedures
- Termination





# SAR Phases

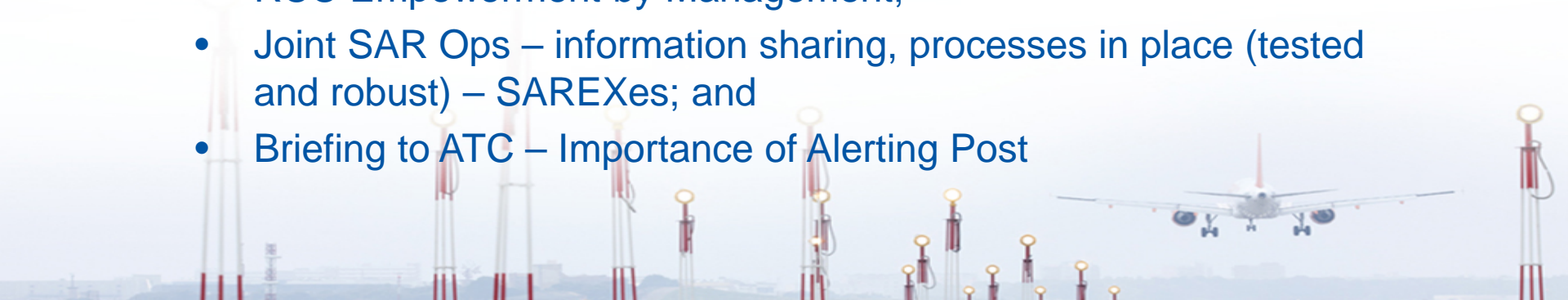
- INCERFA, ALERFA, DETRESFA
- Upgrade and Downgrade of SAR Phases
- Guidelines
- Situations, scenario, etc.





# Alerting Processes

- Highlights the 3 SAR OPS – AF447, MH370 & QZ8501;
- ATC to ATC, ATC to RCC;
- Misunderstanding in co-ordination, proficiency in English;
- RCC Empowerment by Management;
- Joint SAR Ops – information sharing, processes in place (tested and robust) – SAREXes; and
- Briefing to ATC – Importance of Alerting Post





# Co-ordination & Planning

- SAR Ops to be viable and safe, RCCs must have procedures, checklists, manpower, logistics support (civil/military), guidelines, etc;
- To enable proper planning, information available must be shared and coordinated;
- Activation processes must be made known to enable efficient deployment of assets including foreign assistance;
- Proper time slots for SMC briefing to enable all involved to have the correct picture (every 4 hourly); and
- Future planning concerns (availability of SRUs).



# Activation

- Fear of making the wrong call;
- Time lost;
- No right or wrong;
- Black and White (especially for clearances);
- Speed is essential (lives depend on YOU); and
- List of assets and their characteristics.



# Procedures

- Procedures available in RCC based on ICAO Annex 12, IAMSAR Vols I, II, III, National Procedures, IMO SAR and SOLAS Convention;
- Shall be exercised to test the processes and robustness of the system – involving more than one state;
- Joint SAREXes – bilateral, multilateral, to test the agreements and permit exchange visits, improve interaction and build trust. The SAREXes must include the elements of Search and Rescue. Initially a TTX is fine, however a physical exercise is required for alternate years; and
- RCC Communications plan has to be updated regularly.



# Termination

- Reason for termination – Successful, unsuccessful, how much more could be done?
  - Political decision, experts advice, etc
  - Next phase of Ops – salvage, accident investigation, etc.
- \*\* We are looking into clearly defining the phases for Annex 12 and Annex 13.
- \*\*\* SAR is for saving of lives and bringing survivors to a place of safety.  
The recovery of bodies is to assist in closure for the family of the victims.





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THANK YOU