



Airport operation status





Aerodrome facilities



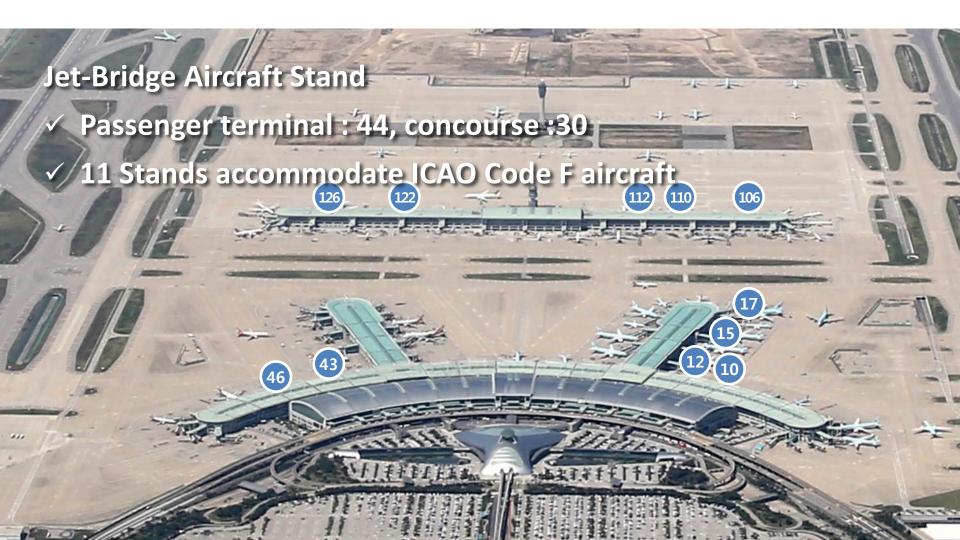


Aerodrome facility – Runway and Taxiway





Aerodrome facility - Apron

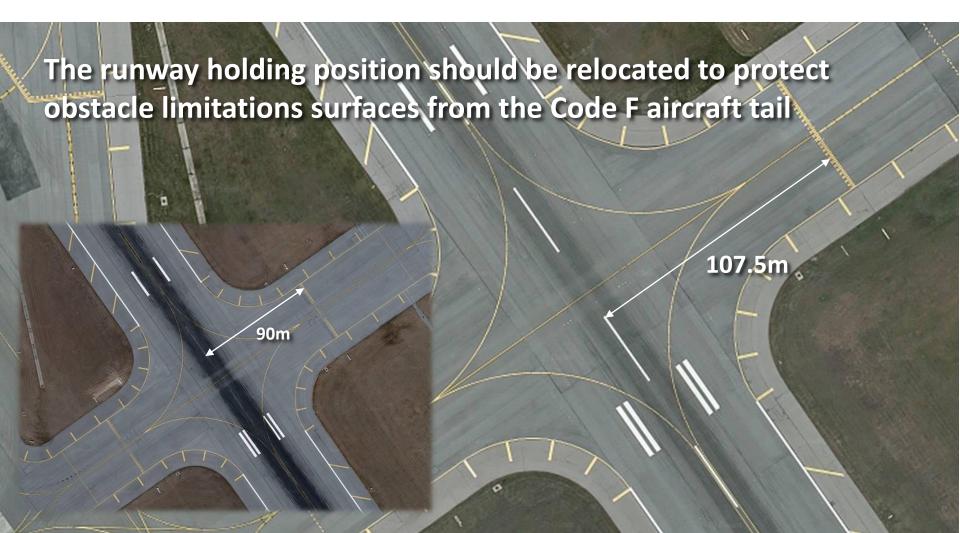


New Large Aircraft....A380, B747-8 and...

Is the airport able to accommodate a new large aircraft?



Challenge: Runway holding point



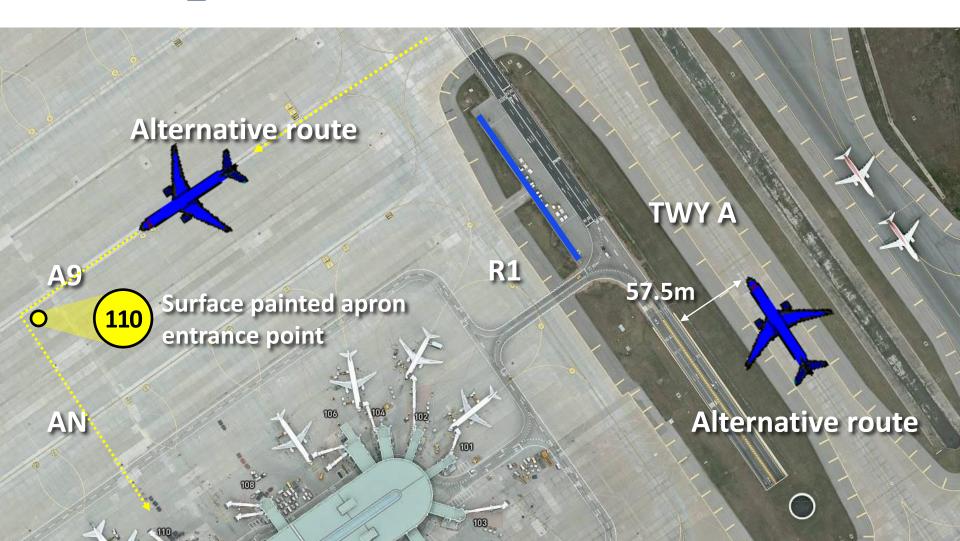


Challenge: Ground movement on passenger apron

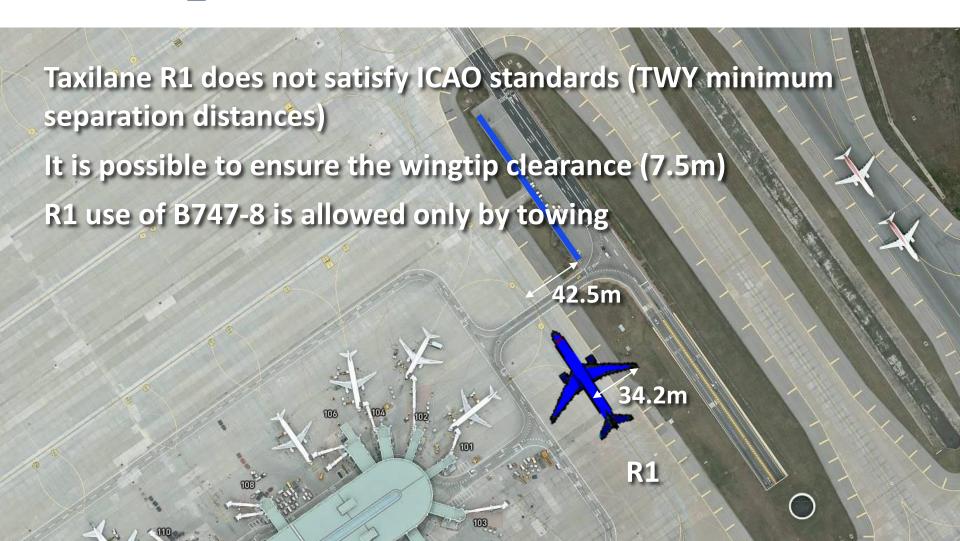




Solutions_A380



Solutions_B747-8





Challenge: Ground movement on de-icing pad





Solutions





Challenge: ground movement on cargo apron

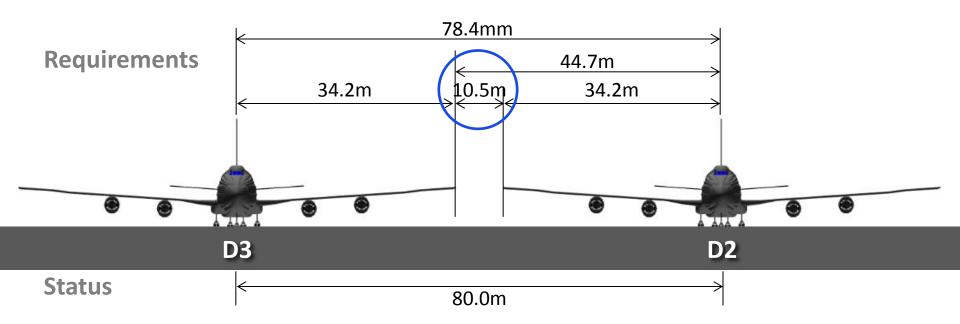




Solutions



Solutions

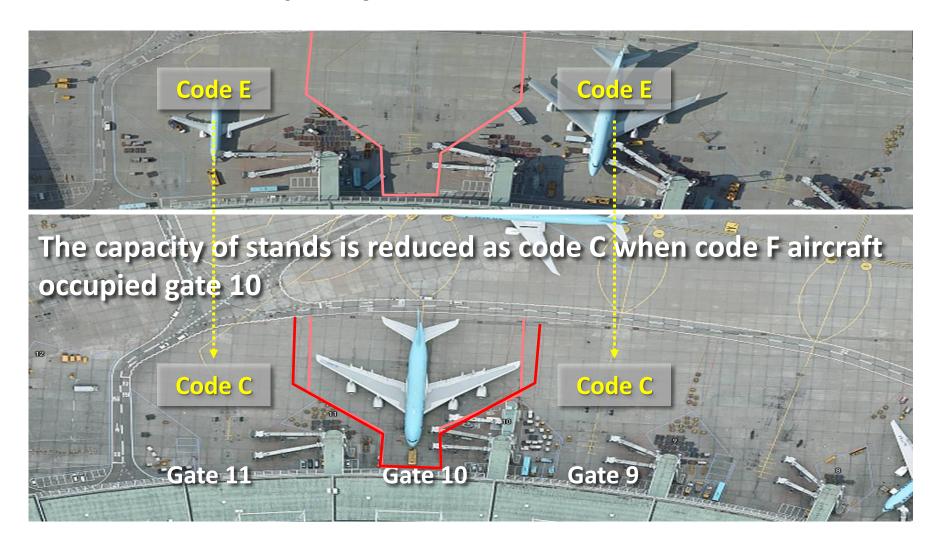


Separation distance between taxilane and taxilane

- \checkmark Distance(78.4) = wingspan(68.4) + deviation(3) + increment(7.5)
- ✓ ICAO Doc9157 (Aerodrome Design manual) part 2



Aircraft stand capacity





Upcoming changes

Annex 14

√ Taxiway minimum separation distances will be reduced.

PANS Aerodrome

- ✓ Aerodrome certifications
- ✓ SMS
- ✓ New procedure compatibility study for new aircraft type

New aircraft type: B777-X

Questionnaire

- ✓ National standards, organization and procedures for compatibility study
- ✓ Self inspection programme
- ✓ ILS sensitive area protection
- ✓ The relationship between airport operator and airlines, ground handlers in implementation of A-CDM

Thank You