



ICAO

SAFETY

NO COUNTRY LEFT BEHIND



Wellington airport
New-Zealand



ICAO

SAFETY

NO COUNTRY LEFT BEHIND



Wellington International Airport

(ICAO/NZWN ; IATA/WLG)

- Third busiest airport in New Zealand (after Auckland and Christchurch).
- Approx 6 million passengers annually.
- Approx. 80,000/yr movements - Second busiest airport in NZ.
- International flights to eastern Australia and the south pacific.





ICAO

SAFETY

NO COUNTRY LEFT BEHIND



- International, instrument (ILS CAT I) Aerodrome.
- Single runway, 16/34, (13m/42 ft AMSL).
- Code 4D (Critical AC is B767; but accommodates scheduled B777 flights).
- Separation distance between taxiway and runway – 158m.





ICAO

SAFETY

NO COUNTRY LEFT BEHIND



RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)
16	1945	2300	1945	1815
34	1921	2300	1921	1815





ICAO

SAFETY

NO COUNTRY LEFT BEHIND





Scenario:

As part of an initial certification process, the CAA notified the aerodrome operator on the main findings arising from the on-site verification:

1. Non compliance with RESA minimal dimensions - 45m rwy 34; 52m rwy 16.
2. Non compliance with minimal separation distance between Rwy/Twy.
3. Cellular antenna on top of a commercial building, 271m from rwy 16/34 centerline, 20.5m AMSL (marked by a blue triangle in the photo).



Group exercise:

A safety assessment has to be carried out taking into consideration the four basic steps:

- a) Definition of a safety concern and identification of the regulatory compliance.
- b) Hazard identification and analysis;
- c) Risk assessment and development of mitigation measures; and
- d) Development of an implementation plan for the mitigation measures and conclusion of the assessment.



Group exercise (cont'd):

- e) In your safety assessment, refer and include the applicable provisions for each case, including, as a minimum:
- Annex 14 vol. I
 - Annex 19
 - PANS-Aerodromes (doc 9981)
 - SMM (Safety Management Manual, doc 9859).

Good luck



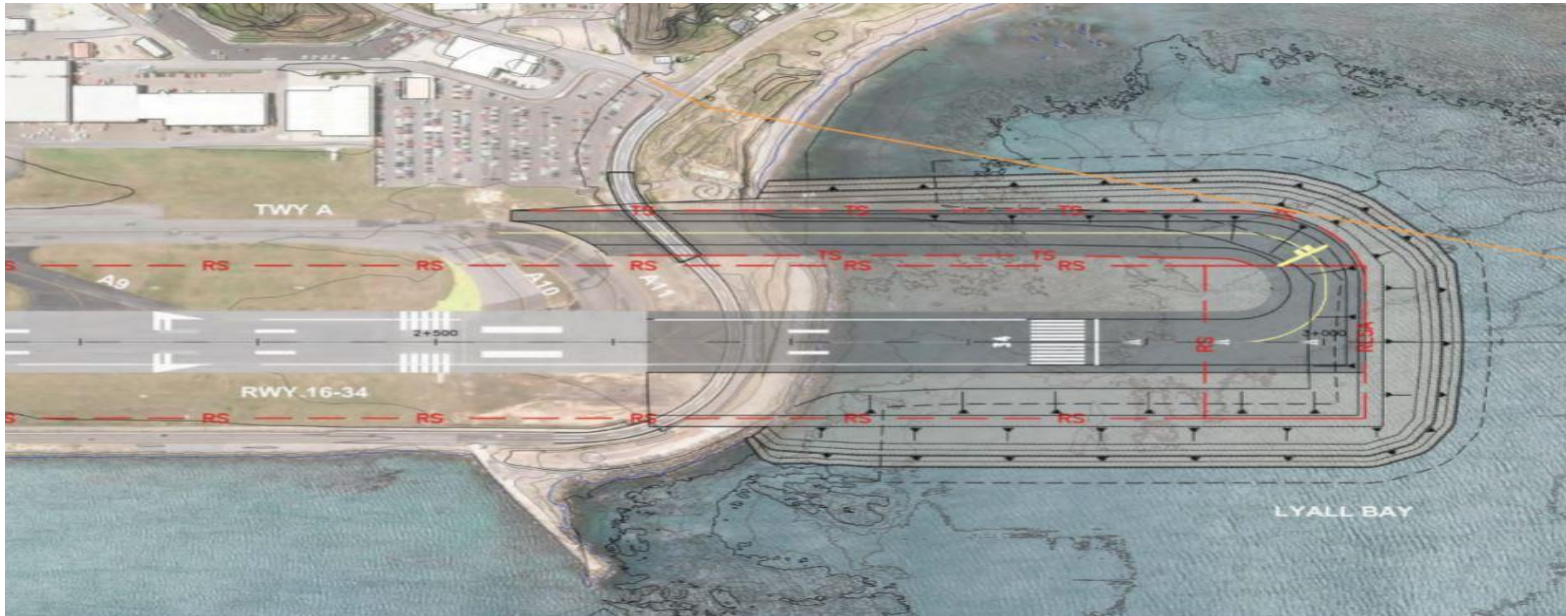
ICAO

SAFETY

NO COUNTRY LEFT BEHIND



Runway extension





ICAO

SAFETY

NO COUNTRY LEFT BEHIND



Wellington International Airport, New Zealand

(ICAO/NZWN ; IATA/WLG)

- Runway extension
- RESA 1 - IFALPA
- RESA 2