NZWN AD 2.1 WELLINGTON

NZWN	WELLINGTON

NZWN AD 2.2 Aerodrome Geographical and Administration Data

1	ARP coordinates and site at AD	S41 19 38 E174 48 19 118°T 260 m from Tower
2	Direction and distance from (city)	3 NM SE of Wellington
3	Elevation/Reference temperature	41 ft 22°C (January)
4	MAG VAR/Annual change	22°54'E (AUG 2021)/annual change +6'
5	AD Administration	The Chief Executive Wellington International Airport Limited PO Box 14175 Wellington Airport 6030 NEW ZEALAND Tel: (04) 385 5100 Fax: (04) 385 5139
6	Types of traffic permitted	IFR/VFR
7	Remarks	

NZWN AD 2.3 Operational Hours

1	AD Administration	H24
2	Customs and Immigration	H24
3	Health and Sanitation	H24
4	AIS Briefing Office	
5	ATS Reporting Office (ARO)	
6	MET Briefing Office	Wellington Aviation Weather Centre; H24
7	ATS	H24
8	Fuelling	12hr PN outside 1700–1100 (1600–1000 DRG NZDT)
9	Handling	
10	Security	H24
11	De-icing	
12	Runway Condition Reporting	Runway conditions monitored during ATC hours of service
13	Remarks	

NZWN AD 2.4 Handling Services and Facilities

1	Cargo-handling Facilities	By arrangement with operating company
2	Fuel/Oil Types	Avgas 100, Jet A1/DERD 2494 DERD 2472, DERD 2450, MIL-L-23699C
3	Fuelling Facilities/Capacity	Hydrants and Mobile Tankers
4	De-icing Facilities	Limited. Contact ground handling agencies
5	Hangar Space for Visiting Aircraft	Execujet Hangar on western apron suitable for ACFT to B737 and A320 — Contact Capital Jet Services
6	Repair Facilities for Visiting Aircraft	Major — Air New Zealand Line Maintenance and Capital Jet Services
7	Aircraft Ground Handlers	Menzies Aviation — Tel +64 21 980 563 Email: wlg.svc@menziesaviation.com Swissport Executive Aviation — Tel (09) 256 1215 Fax (09) 256 2101 Email: info@swissport.com.au Capital Jet Services — Tel (04) 388 8814 Fax (04) 388 8833 Email: ops@capitaljetservices.com VHF Frequency 131.7 MHz Air New Zealand — Tel (04) 388 0432 Email: !WlgOperationsManagers@AirNZ.co.nz
8	Remarks	

NZWN AD 2.5 Passenger Facilities

1	Hotels	At airport and in city
2	Restaurants	At airport and in city
3	Transportation	Taxis, rental cars, buses
4	Medical Facilities	First aid available from RFS
5	Bank or Post Office	Available in terminal building
6	Tourist Office	Available in terminal building
7	Remarks	

NZWN AD 2.6 Rescue and Fire Fighting Services

1	AD Category for Fire Fighting	CAT 5: 1300 – 1800 (1200 – 1700 DRG NZDT) CAT 7: 1800 – 1300 (1700 – 1200 DRG NZDT) and at other times by request CAT 9: Coverage available on request with 3 hr prior notice to aerodrome operator +64 4 385 5124
2	Rescue Equipment	3 x foam firefighting appliances Power cutting/forcing equipment, medical equipment 1 x 8.5 m marine rescue boat with liferafts 1 x 9 m marine rescue boat with liferafts
3	Capability for Removal of Disabled Aircraft	For aircraft up to 140,000 kg: equipment available from Auckland For aircraft over 140,000 kg: IATA kit ex Sydney General lift equipment available locally for aircraft up to B747
4	Remarks	Discrete Emergency Frequency 134.7

NZWN AD 2.7 Seasonable Availability — Clearing

1	Types of Clearing Equipment	Not applicable
2	Clearance Priorities	
3	Remarks	

NZWN AD 2.8 Aprons, Taxiways and Check Locations Data

1	Apron Surface and Strength	Eastern Apron: Concrete & Bitumen; PCN 26-57 F/B/X/U Western Apron: Bitumen, PCN 20 – 36 F/B/X/U; Refer NZWN AD2-53.3 (Ground Movements (s))		
2	Taxiway Width, Surface and Strength	TWY A: 23 m; PCN 72/F/C/X/T TWY A1, A2, A11: 23 m, Bitumen; PCN 57/F/B/X/U TWY A3, A4, A5, A6, A7, A8, A9: 18 m, Bitumen, PCN 57/F/B/X/U TWY B5, B6, B7: 23 m, Bitumen; PCN 57/F/B/X/U TWY B8: 18 m, Bitumen; PCN 57/F/B/X/U TWY B9: 18 m, Bitumen; PCN 57/F/B/X/U TWY B10: 15 m, Bitumen, PCN 57/F/B/X/T TWY M4: 12 m, Bitumen, maximum aircraft AUW 22,680 kg TWY M5: 18 m, Bitumen, PCN 36/F/B/X/T		
3	ACL and Elevation	RWY 16 threshold: 41 ft RWY 34 threshold: 24 ft		
4	VOR/INS Checkpoints	VOR checkpoints are as designated on Ground Movements (1) chart Stand Coordinates — datum for each aerobridge stand is the intersection of the stand lead in line and stop bar for A320 aircraft, except for Stand 23 which is for B777. The datum for non-aerobridge stands is the midpoint between north and south stop bars for stands R3, 3, 4, 5, 6, 24A, 72, 73, 75, 76, 77, 78, 79 except for non-aerobridge stands 7, 8, 9, 10, 11, 12 where midpoint is between west and east stop bars. The datum for R1 (ATR72) is the stop bar.		
		R1	S41 19 58.63	E174 48 37.49
		R2 North	S41 19 58.75	E174 48 40.65
		R2 South	S41 19 59.36	E174 48 40.61
		R3	S41 19 55.27	E174 48 33.29
		3	S41 19 52.24	E174 48 40.89
		4	S41 19 53.18	E174 48 40.15
		5	S41 19 54.40	E174 48 39.70

Continued on next page

4	VOR/INS Checkpoints (cont)	6	S41 19 54.86	E174 48 39.93
		7	S41 19 55.48	E174 48 37.41
		8	S41 19 54.33	E174 48 37.49
		9	S41 19 53.22	E174 48 37.69
		10	S41 19 52.15	E174 48 38.22
		11	S41 19 51.23	E174 48 39.14
		12	S41 19 49.89	E174 48 38.92
		13	S41 19 49.73	E174 48 35.62
		14	S41 19 49.53	E174 48 34.38
		15	S41 19 48.43	E174 48 34.43
		16	S41 19 47.82	E174 48 35.53
		17	S41 19 46.98	E174 48 37.07
		72	S41 19 50.30	E174 48 33.53
		73	S41 19 48.37	E174 48 33.67
		75	S41 19 54.76	E174 48 37.45
		76	S41 19 52.54	E174 48 37.78
		77	S41 19 50.13	E174 48 38.66
		78	S41 19 46.27	E174 48 38.89
		79	S41 19 44.79	E174 48 39.10
		21	S41 19 43.10	E174 48 37.86
		22	S41 19 42.64	E174 48 36.46
		23	S41 19 41.92	E174 48 36.11
		24	S41 19 41.96	E174 48 35.32
		24A	S41 19 42.53	E174 48 34.32
		25	S41 19 41.17	E174 48 35.07
		26	S41 19 39.84	E174 48 35.56
		27	S41 19 39.62	E174 48 36.74
		28	S41 19 39.68	E174 48 38.56
		29	S41 19 39.23	E174 48 40.42
		81	S41 19 41.34	E174 48 18.17
		82	S41 19 39.04	E174 48 17.29
		83	S41 19 39.13	E174 48 18.17
		84	S41 19 37.17	E174 48 17.92
		85	S41 19 32.23	E174 48 18.17
5	Remarks	A1 and A11 are CAT I holding positions		

NZWN AD 2.9 Surface Movement Guidance and Control System and Markings

1	Use of Aircraft Stand ID Signs, TWY Guide Lines and Visual Docking/Parking Guidance System of Aircraft Stands	NIGS installed at Stands 13, 15, 16, 17, 21, 22, 23, 24, 25, 26, 27, 28, 29.
2	RWY Markings and LGT TWY Markings and LGT	RWY designation; threshold; centreline Taxiway centreline; holding position Edge lights (M5 and Western Apron only) Elevated runway guard lights (RGL) installed on taxiway A1 to A9 and A11 inclusive, M4 and M5 Inset runway guard lights (RGL) installed on taxiway A2, A5, A9, M4 and M5
3	Stop Bars	
4	Remarks	

NZWN AD 2.10 Aerodrome Obstacles

10.1 General

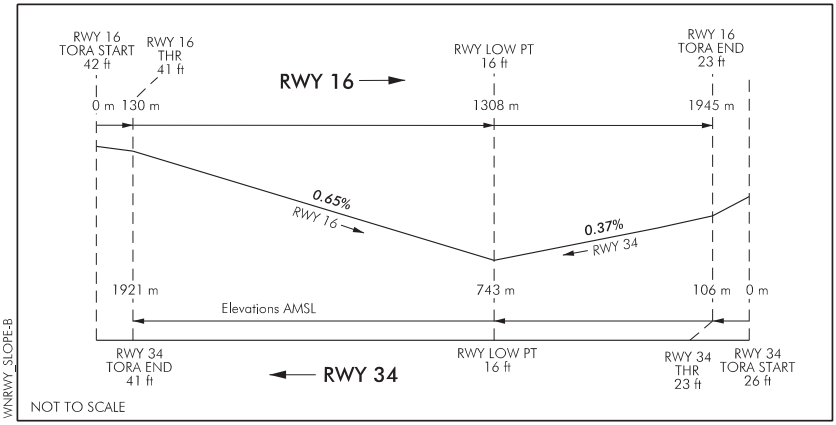
10.1.1 Data on aerodrome obstacles is published in SUP. Detailed aerodrome obstacle data available on request to the aerodrome operator.

NZWN AD 2.11 Meteorological Information Provided

1	Associated MET Office	Wellington Aviation Weather Centre (WAWC)
2	Hours of Service MET Office outside Hours	H24
3	Office Responsible for TAF preparation Periods of Validity	WAWC
4	Type of Landing Forecast Interval of Issuance	
5	Briefing/Consultation Provided	
6	Flight Documentation Language(s) Used	English
7	Charts and Other Information Available for Briefing or Consultation	
8	Supplementary Equipment Available for Providing Information	
9	ATS Units Provided with Information	
10	Additional Information (Limitation of Service etc)	

NZWN AD 2.12 Runway Physical Characteristics

Designations RWY NR	1	16	34
TRUE and MAG BRG	2	183°T/160°M	003°T/340°M
Dimensions of RWY (m)	3	1815 x 45	1815 x 45
Strength (PCN) and surface of RWY and SWY	4	PCN 64 F/B/X/T Bitumen	PCN 64 F/B/X/T Bitumen
THR coordinates	5	S41 19 07.04 E174 48 26.85	S41 20 05.78 E174 48 22.89
THR elevation and highest elevation of TDZ of precision APP RWY	6	41 ft	24 ft
Slope of RWY-SWY	7	0.29D	0.29U



Designations RWY NR		16	34
SWY Dimensions (m)	8		
CWY Dimensions (m)	9	355 x 150	379 x 150
Strip Dimensions (m)	10	1935 x 150	1935 x 150
OFZ	11		
RESA Dimensions (m)	12	90 x 90	90 x 90
Remarks	13	RWY grooved for full length	

NZWN AD 2.13 Declared Distances

Designations RWY NR	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
16	1945	2300	1945	1815	
34	1921	2300	1921	1815	

Taxiway Intersection Take-off Distances

		M4	M5	A2	A3	A4	A5	A6
RWY 16	TORA/ASDA (m)	1089	909	1794	1482	1212	909	754
RWY 16	TODA (m)	1444	1264	2149	1837	1567	1264	1109

		M4	M5	A5	A6	A7	A8	A9
RWY 34	TORA/ASDA (m)	736	920	920	1076	1231	1409	1613
RWY 34	TODA (m)	1115	1299	1299	1455	1610	1788	1992

NZWN AD 2.14 Approach and Runway Lighting

RWY	APCH LGT Type LEN INTST	THR LGT Colour WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY Centre Line LGT LEN Spacing Colour, INTST	RWY Edge LGT LEN Spacing Colour, INTST	RWY End LGT Colour WBAR	SWY LGT LEN (m) Colour	Remarks
1	2	3	4	5	6	7	8	9	10
16	REIL flashing white 1.0 sec	Uni-directional high intensity green with high intensity wingbars	PAPI 3.00° TCH 54 restricted to ±7.5° of RWY CL due terrain			Omni-directional high intensity white 60 m including uni-directional touchdown limit lights high intensity green 550 m from threshold	Uni-directional high intensity red		
34	REIL flashing white 1.0 sec	Uni-directional high intensity green with high intensity wingbars	PAPI 3.00° TCH 54			Omni-directional high intensity white 60 m including uni-directional touchdown limit lights high intensity green 550 m from threshold	Uni-directional high intensity red		

NZWN AD 2.15 Other Lighting, Secondary Power Supply

1	ABN/IBN Location, Characteristics and Hours of Operation	
2	LDI Location and LGT Anemometer Location and LGT	
3	TWY Edge and Centreline LGT	Centreline green M5 Blue edge lighting only, M4 Nil lighting
4	Secondary Power Supply/Switch-over	Available
5	Remarks	Taxiways & taxilanes centreline green Western apron edge blue Apron floodlighting Obstacle lighting

NZWN AD 2.16 Helicopter Landing Area

1	Coordinates TLOF or THR of FATO	
2	TLOF and/or FATO ELEV m/ft	
3	TLOF and FATO Area Dimensions, Surface, Strength, Marking	
4	True and MAG BRG of FATO	
5	Declared Distance Available	
6	APP and FATO Lighting	
7	Remarks	

NZWN AD 2.17 ATS Airspace

1	Designation and Lateral Limits	Refer New Zealand Air Navigation Register on CAA website
2	Vertical Limits	
3	Airspace Classification	
4	ATS Unit Callsign Languages	Wellington Tower English
5	Transition Altitude	13,000 ft
6	Remarks	

NZWN AD 2.18 ATS Communication Facilities

Refer Table GEN 3.7-1

NZWN AD 2.19 Radio Navigation and Landing Aids

Refer Table GEN 3.7-1

NZWN AD 2.20 Local Traffic Regulations

20.1 Airport Regulations

20.1.1 Wellington International Airport Bylaws Approval Order 1995. Available at www.legislation.govt.nz

20.2 Taxiing To and From Stands

20.2.1 An aerodrome control service is not provided for ground movements within the areas designated on the Wellington Ground Movements charts.

Restrictions and Hazards

20.2.2 Code D and E aircraft (C130, A330, A340, B757, B767, B777 and A350) to enter and vacate RWY 16/34 via TWY A1, A2 or A11 only. Taxi to stand 23 via TWY A and B6, taxi to stand 26 via TWY A and B5. Aircraft to exercise caution when negotiating taxiway curves and intersections as main-gear to pavement edge clearance may be limited. Reduced taxiway centre-line to object clearance of 44.5 m applies on TWY A, north of the eastern apron.

D

20.2.3 Aircraft stands 22 and 24 are closed when aircraft are parked on stand 23.

20.2.4 Taxilane U restricted to MAX wingspan 27.5 m.

20.2.5 Taxilane D restricted to MAX wingspan 28 m.

20.2.6 Taxilane T not available when stand R3 is in use, as advised by NOTAM.

20.2.7 Code B ACFT transiting Taxilane U and D — CAUTION jetblast hazard when jet ACFT at disconnect point abeam Stand 7. Clearance limited to ACFT with MAX wingspan 21.45 m.

20.2.8 On the eastern apron, because of the potential conflict between arriving aircraft and aircraft on pushback, the following procedures apply:

(a) All departing aircraft have priority over arriving aircraft.

(b) Aircraft on pushback have right-of-way over arriving aircraft.

20.2.9 A vehicle traffic roadway is marked on the apron by solid and broken white lines. Taxiing aircraft have right-of-way over all vehicles. When responding to an emergency, emergency service vehicles shall advise ATC to request priority over aircraft movements and will display red and/or blue flashing lights.

20.2.10 Pilots of aircraft with low propeller clearance should exercise caution when transiting the western apron.

20.2.11 All operations are confined to runways, taxiways and apron areas. Grass areas are not available for any aircraft use.

Arriving Aircraft

20.2.12 Refer Wellington Ground Movements (4) page for Communication detail.

Departing Aircraft

20.2.13 Refer Wellington Ground Movements (4) page for Communication detail.

20.3 Parking Area for Small Aircraft (General Aviation)

20.3.1 Limited parking for general aviation aircraft on the western apron. No parking permitted on grassed areas or taxiways/taxi lanes without prior approval from Airport Operations, Tel (04) 385 5124.

20.4 Parking Area for Helicopters

20.4.1 Limited parking for helicopters on the western apron. No parking permitted on grassed areas or taxiways/taxi lanes without prior approval from Airport Operations, Tel (04) 385 5124.

20.5 Apron — Taxiing During Winter Conditions

20.5.1 No special conditions apply.

20.6 Taxiing — Limitations

20.6.1 Taxiing limitations are detailed in Ground Movements charts.

20.6.2 Aircraft are required to follow all taxiway and taxilane markings.

20.7 School and Training Flights — Technical Test Flights — Use of Runways

20.7.1 For Instrument Training requirements refer ENR 1.9 section 5.

20.8 Helicopter Traffic — Limitations

20.8.1 All helicopter operations are restricted to the western apron unless otherwise approved by WIAL Operations, Tel (04) 385 5124.

20.9 Removal of Disabled Aircraft from Runways

20.9.1 See NZWN AD 2.6 Rescue and Fire Fighting Services.

NZWN AD 2.21 Noise Abatement Procedures

21.1 Noise Abatement

21.1.1 The noise abatement procedures for Wellington International Airport are prescribed in CAR Part 93, Subpart C, which is available on the CAA website, and detailed on the Wellington Noise Abatement charts.

NZWN AD 2.22 Flight Procedures

22.1 General

22.1.1 The special rules for aircraft operating in the control zone at Wellington International Airport are prescribed in CAR Rule Part 93, Subpart C.

Aerodrome Circuit Direction

22.1.2 Unless otherwise authorised by ATC, the circuit direction for:

(a) RWY 16 is left-hand; and

(b) RWY 34 is right-hand.

Aerodrome Circuit Altitude

22.1.3 Unless otherwise authorised by ATC, and except when climbing after take-off or descending for landing, aircraft must maintain an altitude of 1500 ft AMSL when operating in the Wellington air traffic circuit.

22.2 Procedures for IFR Flights

22.2.1 Unless otherwise approved or assigned by ATC, aircraft must fly an instrument approach at the promulgated speeds, with a MNM 150 kt IAS to 5 NM on final approach. If unable to comply with promulgated speeds, advise ATC with preferred speed.

22.3 Procedures for VFR Flights

22.3.1 CAR 93.103 requires the pilot of a powered aircraft operated under VFR in the control zone to be:

(a) the holder of a current pilot licence; or

(b) authorised by the chief flying instructor of a pilot-training organisation based on the aerodrome.

22.3.2 VFR traffic in the circuit is required to maintain an approach speed to sealed runways of not less than 90 kt IAS when above 300 ft AMSL.

Loss of Communications Procedures for VFR Flights

22.3.3 The loss of communications procedures for VFR flights within the Wellington CTR/C are detailed on the Wellington Aerodrome (2) chart.

22.4 Briefing

22.4.1 An audio visual briefing is available for airlines/charter flights/ corporate operators intending to operate into Wellington at www.wellingtonairport.co.nz/flightops.

NZWN AD 2.23 Additional Information

23.1 Bird Concentrations in the Vicinity of the Airport

23.1.1 **Black-backed gulls** present the largest hazard to aircraft movements and are found year-round. Daily, they are most commonly found under the following circumstances.

- Dawn (flying west) and dusk (flying east), generally.
- During rainfall, particularly during light showers.
- During heightened windspeeds.

While transiting the runway, **black-backed gulls** can be seen in smaller groups, usually individually or in groups of less than 5. Although they transit the runway in all areas, this is often at the most northern and southern ends of the runway. The height of the gulls when crossing the runway is generally between 10 and 100 ft. During northerlies, **black-backed gulls** can sometimes be seen riding the updraught caused by the northern runway-end embankment.

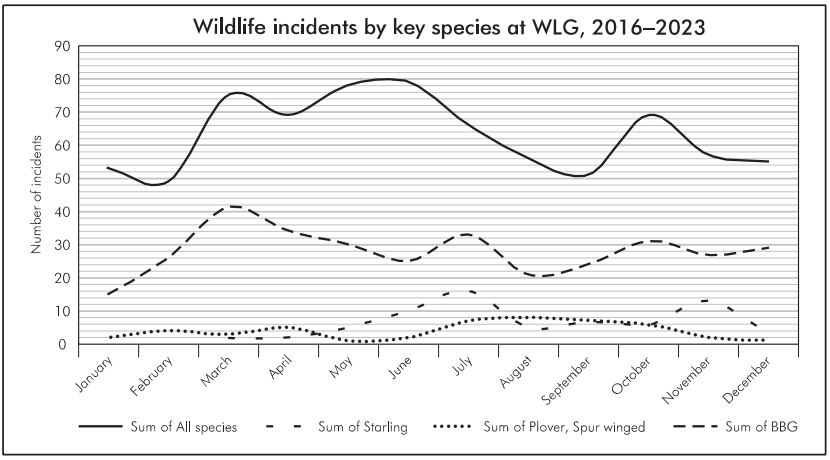
Starlings and **spur-winged plovers** are seen year-round also, both becoming most frequently sighted during winter and spring. **Spur-winged plovers** and **starlings** are almost exclusively seen and involved in wildlife incidents during daylight.

On clear and still winter days, **banded dotterels** are occasionally sighted near the western apron.

Variable oystercatchers, prions, and **petrels** are virtually only seen on airport grounds during, or immediately following, storms or otherwise inclement weather.

The most common hours for wildlife incidents at NZWN/WLG are between **0600 – 1000** local time.

Increased or irregular bird activity will be noted in the ATIS. If wildlife is present close to the runway, alerting ATC will expedite the dispersal process.



WNBIRDS-A

NZWN AD 2.24 Charts Related to the Aerodrome

Arrival/Departure

Noise Abatement

Standard Arrival (STAR)

Visual Arrival and Departure

Instrument Approach

Aerodrome

Operational Data

Ground Movement

Visual Docking

Standard Route Clearances

Standard Departure (SID)

Aerodrome Obstacle chart — Type A — available from Aeronautical Information Management