

ELEV 23

CAT A,B,C,D

**AUCKLAND**

NZAA

**RNAV SID RWY 05R (5)**

AUCKLAND APPROACH: 124.3 129.6

TOWER: 118.7 120.95

ATIS: 127.8 127.0

Navigation requirement: RNAV 1  
GNSS required

**ALL DEPARTURES**

Contact AUCKLAND APPROACH 124.3 MHz as soon as practicable prior to 1500 ft, or as instructed

- Note
1. Minimum net climb gradient 3.3% (200 ft/NM) unless higher stated
  2. ATC requirement: **CAT B and C aircraft speed restriction MNM 150 kt MAX 170 kt to RANGI**  
If unable to comply advise Delivery prior to start-up
  3. RANGI1Q departure will be issued to non-jet aircraft only

Evaluated Climb Sector:

Within 25NM in any direction except R360-R030  
AA VOR 3 to 5 DME below 1500 ft

**RWY 05R**

**RANGI ONE QUEBEC DEPARTURE – RNAV (RANGI1Q)**

MNM net climb gradient 6.0% (370 ft/NM) to 2000 ft

- Maintain RWY CL to 500 ft
- LEFT turn at MNM 500 ft after crossing the RWY end
- Track direct to RANGI
- Maintain 3000 ft to RANGI

**TRANSITIONS:**

**PUHOI**

– From RANGI Track 310° to PUHOI

**KAWAU**

– From RANGI Track 315° to KAWAU

20 NM

10

5

0

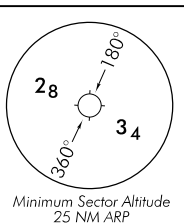
5

PUHOI  
S36 27 00  
E174 35 08

KAWAU  
S36 26 18  
E174 38 09

RANGI  
S36 53 36  
E174 54 21

At or below  
3000 ft



A-RNAV SID RWY 05R-5-F

S 37° 00'

E 175° 00'

R 050

500

RANGI1Q

310°

315°

31

30

S 36° 30'



Changes from 31 MAR 16: ATC call sign amended, TOWER secondary FREQ.

ELEV 23

CAT A,B,C,D

NZAA

# AUCKLAND RNAV SID RWY 05R (6)

AUCKLAND APPROACH: 124.3 129.6

TOWER: 118.7 120.95

ATIS: 127.8 127.0

Navigation requirement: RNAV 1  
GNSS required

### ALL DEPARTURES

Contact AUCKLAND APPROACH 124.3 MHz as soon as practicable prior to 1500 ft, or as instructed  
Note 1. Minimum net climb gradient 3.3% (200 ft/NM) unless higher stated

Evaluated Climb Sector:  
Within 25 NM in any direction except R360-R030 AA VOR 3 to 5 DME below 1500 ft

### RWY 05R

KADMA ONE QUEBEC DEPARTURE – RNAV (KADMA1Q)

MNM net climb gradient 4.7% (290 ft/NM) to 5000 ft

- Track 051° to EMRAG
- Turn LEFT, track 299° to XELAN, MAX IAS 250 kt until turn complete
- Cross XELAN at or above 5000 ft
- Turn LEFT, track 297° to KADMA

RAXIN ONE QUEBEC DEPARTURE – RNAV (RAXIN1Q)

MNM net climb gradient 4.4% (270 ft/NM) to 2000 ft (to ensure controlled airspace containment)

- Track 051° to EMRAG
- Turn LEFT, track 338° to RAXIN

### TRANSITIONS:

For all transitions:

- Cleared level FL250
- Expect further clearance to filed level prior to 100 NM AA
- Cross NZCC/NZZO FIR BDY at cleared level, advise ATC if unable

### ELNOS

– From KADMA turn RIGHT, track 304° to ELNOS

### DUGAN

– From KADMA turn RIGHT, track 321° to DUGAN

### CUSTOM

(For flights leaving NZCC on unevaluated routes)  
– From KADMA track to flight plan NZCC/NZZO boundary point

### KALAG

– From RAXIN turn RIGHT, track 346° to KALAG

### AGREX

– From RAXIN turn RIGHT, track 350° to AGREX

### TARIB

– From RAXIN turn RIGHT, track 012° to TARIB

### SELKA

– From RAXIN turn RIGHT, track 015° to SELKA

### CUSTOM

(For flights leaving NZCC on unevaluated routes)  
– From RAXIN track to flight plan NZCC/NZZO boundary point

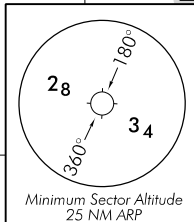
KADMA  
S36 28 36  
E174 30 10

RAXIN  
S36 27 38  
E175 00 49

XELAN  
S36 50 06  
E174 55 15

KADMA1Q  
MAX IAS  
250 kt

EMRAG  
S36 56 31  
E175 02 18



Changes from 31 MAR 16: ATC call sign amended, TOWER secondary FREQ.

AARNV/SID05R-6-D

E 174°30'

E 175°00'

Effective: 9 NOV 17