

ATIS ★  
317.8  
CLNC DEL  
128.4 288.25  
GND CON  
118.0 360.675  
NORTH ISLAND TOWER ★  
135.1 336.4  
SOCAL DEP CON  
125.15 317.55

RADAR and DME required

| Rwy  | Knots    | 60  | 120 | 180  | 240  | 300  | 360  |
|------|----------|-----|-----|------|------|------|------|
| 11 Ⓐ | V/V(fpm) | 275 | 550 | 825  | 1100 | 1375 | 1650 |
| 11 Ⓑ | V/V(fpm) | 290 | 580 | 870  | 1160 | 1450 | 1740 |
| 29 Ⓒ | V/V(fpm) | 420 | 840 | 1260 | 1680 | 2100 | 2520 |
| 29 Ⓓ | V/V(fpm) | 470 | 940 | 1410 | 1880 | 2350 | 2820 |

Minimum Climb Rate

Ⓐ Military climb to 700 or 600-2¼ authorized in lieu of climb rate.

Ⓑ Civil climb to 700 or 600-2¼ authorized in lieu of climb rate.

Ⓒ Military climb to 700 or 600-2½ authorized in lieu of climb rate.

Ⓓ Civil climb to 700 or 600-2½ authorized in lieu of climb rate.

CAUTION: Rwy 29 Cross DER at or above 35'

CAT E aircraft not authorized off  
Rwy 11 and 29

Rwy 29 CIVIL departure  
dual DME required

MISSION BAY  
117.8 MZB  
Chan 125

NORTH ISLAND  
Chan 117 NZY

POGGI  
116.45 PGY  
Chan 111(Y)

474  
244  
39  
177°  
177°  
13.2

Do not exceed 240 KIAS  
until completion of turn

NASNI  
070°  
230K  
250°

R-250  
R-178  
R-168  
NZY  
MZB

W-291

Advise ATC prior to taxi if unable to  
meet climb gradients, DER crossing restrictions  
or remain within turn restrictions of published  
departure for an alternate runway assignment.

LOST COMMUNICATIONS: If no transmissions are  
received prior to crossing the PGY VORTAC R-250  
Southbound, turn direct on PGY R-250 to NASNI and  
hold as published, if no transmissions received within  
five minutes after entering holding, proceed on course,  
climb to filed altitude.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 11: Turn right as soon as practicable climbing to 2000 via heading 177°, remain within NZY TACAN 1.4 DME to not overfly the City of Coronado, thence...

TAKEOFF RWY 18: Climbing left turn to 2000 intercept the NZY TACAN R-178 (MZB VORTAC R-168) to NASNI, thence...

TAKEOFF RWY 29 (CIVIL): Turn left as soon as practicable climbing to 2000, remain within NZY TACAN 1 DME to not overfly Point Loma, intercept the MZB VORTAC R-168 to NASNI, thence...

TAKEOFF RWY 29 (MILITARY): Turn left as soon as practicable climbing to 2000, remain within NZY TACAN 1 DME to not overfly Point Loma, intercept the NZY R-178 to NASNI, thence...

...Expect RADAR vectors to join assigned route.