DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb on heading 093° to intercept MZB VORTAC R-096 to BROWS INT. Thence, . . .

TAKEOFF RUNWAY 27: Climb on heading 278° until PGY 19 DME, then left turn on heading 123° to intercept PGY VORTAC R-260 and R-069 to BROWS INT. Thence, . . . . . . (transition) or (assigned route). Maintain assigned altitude. Expect filed altitude/flight level 10 minutes after departure.

IMPERIAL TRANSITION (BRDR7.IPL): From over BROWS INT on PGY R-069 and IPL R-250 to IPL VORTAC.

JULIAN TRANSITION (BRDR7.JLI): From over BROWS INT on JLI R-182 to JLI VORTAC.

TAKEOFF MINIMUMS

Rwy 9: 400-1 with minimum climb of 610’ per NM to 1900 or standard with minimum climb of 686’ per NM to 1900.

Rwy 27: 400-2½ or standard with minimum climb of 353’ per NM to 400.

NOTE: Rwy 9- RADAR required.

NOTE: Rwy 27- DME required.

NOTE: Chart not to scale.
**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAY 27:** Climb heading 275° to 520, then right turn direct WNFLD, then on track 296° to cross GYWNN at or above 6000, then on track 308° to PADRZ, then on track 337° to cross CWARD at or below 12000, thence...

...on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

**LOS ANGELES TRANSITION (CWARD2.LAX)**

**SEAL BEACH TRANSITION (CWARD2.SLI)**

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**NOTE:** Chart not to scale.

**NOTE:** Radar required.

**NOTE:** RNAV 1.

**NOTE:** GPS or DME/DME/IRU required.

**NOTE:** Turbojet and turboprop only.

**NOTE:** Tower En Route control only.

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**TAKEOFF MINIMUMS**

Rwy 9: NA-ATC.

Rwy 27: 400-2½ or standard with minimum climb of 500’ per NM to 3000.

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**TOP ALTITUDE:**

As assigned by ATC

**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAY 27:** Climb heading 275° to 520, then right turn direct WNFLD, then on track 296° to cross GYWNN at or above 6000, then on track 308° to PADRZ, then on track 337° to cross CWARD at or below 12000, thence...

...on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

**LOS ANGELES TRANSITION (CWARD2.LAX)**

**SEAL BEACH TRANSITION (CWARD2.SLI)**
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 095° to 4000, then left turn direct BAUCA, then
on track 307° to ECHHO, thence. . . .

TAKEOFF RUNWAY 27: Climb heading 275° to 520, then right turn direct LANDN, then
on track 330° to ECHHO, thence. . . .

. . . .on (transition), maintain 15000. Expect filed altitude 10 minutes after departure.

IKAYE TRANSITION (ECHHO2.IKAYE)

SEAL BEACH TRANSITION (ECHHO2.SLI)
**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAY 9:** Climb heading 095° to 4000, then left turn on heading 278° to intercept MZB R-314 to MAFAN INT. Thence.

**TAKEOFF RUNWAY 27:** Climbing right turn on heading 293° to intercept OCN R-155 to CLSTR INT. Cross CLSTR INT at or below 4000, then on OCN R-155 and MZB R-314 to MAFAN INT. Thence.

. . . . . . cross MAFAN INT at or above 8000, then on MZB R-314 to FALCC INT. Then (transition) or (assigned route). Maintain assigned altitude.

**SANTA CATALINA TRANSITION (FALCC1.SXC):** From over FALCC INT on SXC R-084 to SXC VORTAC.

**SEAL BEACH TRANSITION (FALCC1.SLI):** From over FALCC INT on SLI R-127 to SLI VORTAC.

**NOTE:** Aircraft filed at or below 13000 expect clearance via SLI or SXC TRANSITION.

**TAKEOFF MINIMUMS**
- Rwy 9: 400-1 with minimum climb of 610' per NM to 1900 or standard with minimum climb of 686' per NM to 1900.
- Rwy 27: 400-2 1/2 or standard with minimum climb of 353' per NM to 400.

**TOP ALTITUDE:**
- Assigned by ATC

**NOTE:** Chart not to scale.
**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAY 9:** Climb heading 095° to 4000, then left turn direct BAUCA, then on track 307° to ECHHO, then on track 308° to cross GOFUR at or above 15000, then on track 306° to cross MMOTO at or below FL190, thence . . .

**TAKEOFF RUNWAY 27:** Climb heading 275° to 520, then right turn direct LANDN, then on track 330° to ECHHO, then on track 308° to cross GOFUR at or above 15000, then on track 306° to cross MMOTO at or below FL190, thence . . .

. . . on (transition) maintain altitude assigned by ATC, expect filed altitude 10 minutes after departure.

**DINTY TRANSITION (MMOTO2.DINTY)**

**MALIT TRANSITION (MMOTO2.MALIT)**

**NOTE:** Chart not to scale.
**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAY 27:** Climb heading 275° to 520, then right turn direct WNFLD, then on track 296° to KERNL, then on track 296° to cross GYWNN at or above 8000, then on track 308° to PADRZ, thence . . .

. . .on (transition). Maintain 15000. Expect higher altitude 10 minutes after departure.

- CHKNN TRANSITION (PADRZ2.CHKNN)
- DINITY TRANSITION (PADRZ2.DINTY)
- IKAYE TRANSITION (PADRZ2.IKAYE)
- MALIT TRANSITION (PADRZ2.MALIT)
- OROSZ TRANSITION (PADRZ2.OROSZ)
- SHAFTER TRANSITION (PADRZ2.EHF)

**TAKEOFF MINIMUMS**

- Rwy 9: NA-ATC.
- Rwy 27: 400-2½ or standard with minimum climb of 353’ per NM to 3000.

**NOTE:** RNAV 1.

**NOTE:** RADAR required.

**NOTE:** Turbojets and turboprops only.

**NOTE:** CHKNN, SHAFTER, IKAYE, OROSZ TRANSITIONS: DME/DME/IRU or GPS required.

**NOTE:** DINITY, MALIT TRANSITIONS: GPS only.

**NOTE:** For non-GPS equipped aircraft, Oceanside (OCN) must be operational.

**NOTE:** DINITY TRANSITION ATC assigned only.

**NOTE:** DINITY and MALIT TRANSITIONS NA from SEE, SDM and RNM airports.

**NOTE:** Chart not to scale.

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**PADRZ TWO DEPARTURE (RNAV)**

(PADRZ2.PADRZ) 07DEC17
TOP ALTITUDE: ASSIGNED BY ATC

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 27: Climbing right turn heading 293° until crossing OCN VORTAC R-170, then turn right heading 318° to intercept MZB VORTAC R-293 to cross MELDY INT/MZB 30 DME at or above 14000 (or lower ATC assigned altitude) then on MZB R-293 to PEBLE INT/MZB 39 DME, thence . . . .

. . . . via (transition) or (assigned route). Maintain assigned altitude.

SANTA CATALINA TRANSITION (PEBLE6.SXC): From over PEBLE INT on SXC R-096 to SXC VORTAC.

SEAL BEACH TRANSITION (PEBLE6.SLI): From over PEBLE INT on SLI R-148 to SLI VORTAC.

NOTE:  Aircraft climbing above 13000 expect RADAR vectors northwest bound prior to PEBLE INT.
takeoff runways 9: climb heading 095° to 520, then direct to cross sayow at or above 4900, thence . . . .

. . . . on (transition) jets maintain FL190, turboprops maintain 15000, expect filed altitude 10 minutes after departure.

imperial transition (sayow2.ipl)

mtbal transition (sayow2.mtbal)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 27: Climb heading 275° to 520 then direct to cross JETTI at or below 12000, then left turn direct ZZOOO, thence . . . . . .

. . . . on (transition). Turbojets maintain FL230, turboprops maintain 15000, expect filed altitude 10 minutes after departure.

CENZA TRANSITION (ZZOOO2.CENZA)

IMPERIAL TRANSITION (ZZOOO2.IPL)

MTBAL TRANSITION (ZZOOO2.MTBAL)

TAKEOFF MINIMUMS

Rwy 27: Standard with minimum climb of 500’ per NM to 520.

NOTE: Chart not to scale.

NOTE: Radar required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Some aircraft may be RADAR vectored to CENZA, JORRJ or GRIDR.

NOTE: If unable ATC altitude restriction at JORRJ, advise ATC on initial contact.

NOTE: Parachute jumping all hours, 13500 and below north of JORRJ at Otay Jump Zone.

NOTE: For non-GPS equipped aircraft using MTBAL or IPL TRANSITIONS, PGY DME must be operational.

NOTE: For non-GPS equipped aircraft using MTBAL or IPL TRANSITIONS, PGY DME must be operational.

NOTE: SW-3, 18 JUL 2019 to 15 AUG 2019