DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 20R: Turn right heading 222° for vectors to SLI VORTAC, thence. . . .

TAKEOFF RUNWAYS 2L/R (HECTOR or LAKE HUGHES TRANSITION): Turn left heading 332° for vectors to SLI VORTAC, thence. . . .

TAKEOFF RUNWAYS 2L/R (VENTURA TRANSITION): Turn left heading 242° for vectors to LAX VORTAC, thence. . . .

. . . . on (transition) or (assigned route). Maintain 2000 and expect filed altitude 10 minutes after departure.

HECTOR TRANSITION (ANAHM1.HEC): From over SLI VORTAC on SLI R-058 and PDZ R-238 to PDZ VORTAC, then on PDZ R-012 to APLES, then on HEC R-232 to HEC VORTAC.

LAKE HUGHES TRANSITION (ANAHM1.LHS): From over SLI VORTAC on SLI R-058 and PDZ R-238 to POXKU, then on POM R-164 to BAYJY, then on VNY R-095 to DARTS, then on LHS R-139 to LHS VORTAC.

VENTURA TRANSITION (ANAHM1.VTU): From over SLI VORTAC on SLI R-251 to WILMA, then on LAX R-123 to LAX VORTAC, then on LAX R-276 to SADDE, then on VTU R-093 to VTU VOR/DME.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 20R: Climb heading 196° or I-SNA localizer south course to I-SNA
1 DME fix or SLI R-118, turn left heading 177°, cross SLI R-132 then turn right heading 202°,
intercept and proceed via SXC R-084 to SXC VORTAC, thence . . . .

. . . . via (transition) or (assigned route). Expect filed altitude ten minutes after departure.

GORMAN TRANSITION (CHANL3.GMN): From over SXC VORTAC on SXC R-344
to LAX VORTAC, then on LAX R-323 to GMN VORTAC.

SAN MARCUS TRANSITION (CHANL3.RZS): From over SXC VORTAC on SXC R-310 and
VTU R-129 to VTU VOR/DME, then on VTU R-289 and RZS R-109 to RZS VORTAC.

SHAFTER TRANSITION (CHANL3.EHF): From over SXC VORTAC on SXC R-344
to LAX VORTAC, then on LAX R-337 to LANDO INT, then on EHF R-126 to EHF VORTAC.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climb heading 016° for vectors to ELB VOR/DME, thence . . . . . . (transition) or (assigned route). Expect filed altitude ten minutes after departure.

LOST COMMUNICATIONS: If not in contact with departure control by ELB R-332, turn right direct ELB VOR/DME, climb to 7000 and proceed on assigned transition or route. Climb to filed altitude ten minutes after departure.

IMPERIAL TRANSITION (ELB4.IPL): From over ELB VOR/DME on ELB R-095 to JARDO, then on PDZ R-135 to WODON, then on MZB R-076 and IPL R-258 to GWIRE, then on IPL R-258 to IPL VORTAC.

OCEANSIDE TRANSITION (ELB4.OCN): From over ELB VOR/DME on ELB R-165 to SUBMR, then on OCN R-282 to OCN VORTAC.

THERMAL TRANSITION (ELB4.TRM): From over ELB VOR/DME on ELB R-095 to ZENAP, then on SXC R-061 to TEYKI, then on TRM R-263 to TRM VORTAC.
FINNZ TWO DEPARTURE (RNAV)

NOTE: Chart not to scale.

TAKEOFF MINIMUMS
Rwy 20R: Standard with a minimum climb of 320' per NM to 560.

NOTE: Chart not to scale.

TAKEOFF RUNWAY 20R: Climb heading 196° to intercept course 175° to cross STREL at or below 5000, then on track 211° to cross DOLLF at or below 8000, then on track 301° to cross FINZZ at or above 10000, thence . . . .

. . . . (transition). Maintain 17000. Expect filed altitude 10 minutes after departure.

NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: DME/DME/IRU or GPS required.
NOTE: MISEN transition restricted to aircraft landing LAS complex.
NOTE: Turbojets aircraft only.
NOTE: HAILO, LAS and NNAVY transitions - ATC assigned only.
NOTE: If unable speed restriction at CAHIL, advise ATC on initial contact.

BEALE TRANSITION (FINZZ2.BEALE)
HAILO TRANSITION (FINZZ2.HAILO)
LAS VEGAS TRANSITION (FINZZ2.LAS)
MISEN TRANSITION (FINZZ2.MISEN)
NNAVY TRANSITION (FINZZ2.NNAVY)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climb heading 014° to 560, then left turn on heading 240° or as assigned by ATC for vectors to PIJIN, cross PIJIN at or above 4000, then on track 290° to cross HAWWC at or above 5000, thence . . . .

TAKEOFF RUNWAY 20R: Climb heading 194° to 557, then on heading 210° or as assigned by ATC for vectors to PIJIN, cross PIJIN at or above 4000, then on track 290° to cross HAWWC at or above 5000, thence . . . .

... on (transition). Maintain 6000. Expect higher altitude 10 minutes after departure.

IKAYE TRANSITION (HAWWC3.IKAYE)

NOTE: Radar required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: This procedure not authorized for turbojet aircraft.
TAKEOFF MINIMUMS
Rwy 20R: Standard with a minimum climb of 500’ per NM to 560.

NOTE: IKAYE TRANSITION: turbojet and turboprops only.
NOTE: OROSZ and SHAFTER TRANSITIONS: turbojet only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RADAR required.
NOTE: RNAV-1.
NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION
TAKEOFF RUNWAY 20R: Climb heading 196° to intercept course 175° to cross STREL at or below 5000, then on track 211° to cross DOLLF at or below 8000, then on depicted route to HHERO, thence . . .

. . . (transition). Maintain altitude assigned by ATC. Expect filed altitude 10 minutes after departure.

IKAYE TRANSITION (HHERO3.IKAYE)
OROSZ TRANSITION (HHERO3.OROSZ)
SHAFTER TRANSITION (HHERO3.EHF)
HOBOW TWO DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climb heading 016° to 560, then climb direct LIION, then on track 058° to CHOAK, then on depicted route to HOBOW, thence.

... (transition). Turbojets maintain 17000. Expect filed altitude 10 minutes after departure.

BEALE TRANSITION (HOBOW2.BEALE)
HAULO TRANSITION (HOBOW2.HAULO)
LAS VEGAS TRANSITION (HOBOW2.LAS)
MISEN TRANSITION (HOBOW2.MISEN)
NNAVY TRANSITION (HOBOW2.NNAVY)

TAKEOFF MINIMUMS
Rwy 2L: Standard with a minimum climb of 500’ per NM to 1500.

NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climb heading 016° to 3000, continue climb to assigned altitude on assigned heading for RADAR vectors to ELB VOR/DME R-215. Thence . . . .

. . . . on (transition) or assigned route. Maintain ATC assigned altitude, expect filed altitude ten minutes after departure.

LOST COMMUNICATIONS: If not in contact with departure control by ELB R-332, turn right direct ELB VOR/DME, climb to 7000 and proceed via assigned transition or route. Climb to filed altitude ten minutes after departure.

DAGGETT TRANSITION (IRV5.DAG): From over ELB VOR/DME on ELB R-215 and SLI R-148 to SLI VORTAC, then on SLI R-022 to POM VORTAC, then on POM R-033 and DAG R-214 to DAG VORTAC.

GORMAN TRANSITION (IRV5.GMN): From over ELB VOR/DME on ELB R-215 and SXC R-055 to SXC VORTAC, then on SXC R-344 to LAX VORTAC, then on LAX R-323 to GMN VORTAC.

SAN MARCUS TRANSITION (IRV5.RZS): From over ELB VOR/DME on ELB R-215 and SXC R-055 to SXC VORTAC, then on SXC R-310 and VTU R-129 to VTU VOR/DME, then on VTU R-289 and RZS R-109 to RZS VORTAC.

SEAL BEACH TRANSITION (IRV5.SLI): From over ELB VOR/DME on ELB R-215 and on SLI R-148 to SLI VORTAC.

SHAFTER TRANSITION (IRV5.EHF): From over ELB VOR/DME on ELB R-215 and SXC R-055 to SXC VORTAC, then on SXC R-344 to LAX VORTAC, then on LAX R-337 and EHF R-126 to EHF VORTAC.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climb heading 016° to 560, then direct LION, then on track 058° to CHOAK, then on depicted route to MIKAA thence. . . .

. . . (transition). Maintain 14000, expect filed altitude within 10 minutes of departure.

HHERO TRANSITION (MIKAA1.HHERO)

TAKEOFF MINIMUMS
Rwy 2L: Standard with a minimum climb of 500’ per NM to 1500.

NOTE: Chart not to scale.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 20R: Climb heading 196° or I-SNA localizer south course to I-SNA 1 DME fix or SLI R-118, turn left heading 177° for vectors to MUSEL INT.

. . . . on (transition) or (assigned route). Expect filed altitude ten minutes after departure.

DAGGETT TRANSITION (MUSEL8.DAG): From over MUSEL INT on SLI R-150 to SLI VORTAC, then on SLI R-022 to POM VORTAC, then on POM R-033 to GARDY INT and on DAG R-214 to DAG VORTAC.

OCEANSIDE TRANSITION (MUSEL8.OCN): From over MUSEL INT on OCN R-282 to OCN VORTAC.

SEAL BEACH TRANSITION (MUSEL8.SU): From over MUSEL INT on SLI R-150 to SLI VORTAC.

THERMAL TRANSITION (MUSEL8.TRM): From over MUSEL INT on SXC R-061 to TEYKI INT and TRM R-263 to TRM VORTAC.
NOTE: RADAR required.
NOTE: RNAV-1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turboprop only.
NOTE: Parachute jumping all hours, 14000' and below, north of route between PIGGN and FNCHH.
NOTE: Aircraft may be RADAR vectored to DANAH or PIGGN.

**TAKEOFF MINIMUMS**

Rwy 2L: Standard with a minimum climb of 500 feet per NM to 800.
Rwy 20R: Standard.

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

TAKEOFF RUNWAY 2L: Climb heading 016° to 560, then direct LION, then on track 058° to CHOAK, then on track 133° to cross JAABB at or above 4100 and at or below 210K, then on track 120° to cross MANBY at or above 7000, then on track 105° to cross PIGGN at or above 9000, thence. . . .

TAKEOFF RUNWAY 20R: Climb heading 196° to intercept course 175° to cross STREL at or below 5000, then on track 140° to TANGL, then on track 103° to cross SHIRR at or above 7000, then on track 073° to DANAH, then on track 048° to cross PIGGN at or above 9000, thence. . . .

. . . . on (transition) maintain 13000. Expect filed altitude 10 minutes after departure.

AVRRY TRANSITION (PIGGN2.AVRRY)
CNERY TRANSITION (PIGGN2.CNERY)
OTAYY TRANSITION (PIGGN2.OTAYY)
TCATE TRANSITION (PIGGN2.TCATE)
NOTE: RADAR required.
NOTE: RNAV-1.
NOTE: DME/DME/IRU or GPS required.
NOTE: This departure procedure not authorized for turbo-jet aircraft.
NOTE: For non-GPS equipped aircraft, POM and PDZ DMEs must be operational.
NOTE: LHS transition not authorized for turbo-prop aircraft.

TAKEOFF MINIMUMS
Rwys 2R, 20L: NA-ATC.
Rwy 2L: Standard.
Rwy 20R: Standard with minimum climb of 270° per NM to 1300.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2L: Climbing left turn heading 330° or as assigned by ATC for vectors to cross SHMRQ at or above 2800, then on track 007° to PLZZA, thence. . . .

TAKEOFF RUNWAY 20R: Climb on heading 220° or as assigned by ATC for vectors to cross SHMRQ at or above 2800, then on track 007° to PLZZA, thence. . . .

. . . . on (transition) maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

HECTOR TRANSITION (PLZZA2.HEC)
LAKE HUGHES TRANSITION (PLZZA2.LHS)
NOTE: Chart not to scale.

STAYY THREE DEPARTURE (RNAV)

TEAM THREE DEPARTURE (RNAV)

NOTE: RNAV.
NOTE: RF required.
NOTE: GPS required.
NOTE: RADAR required.
NOTE: Turbojet only.
NOTE: Parachute jumping all hours, 14000 and below, north of route between STAYY and FNCHH.
NOTE: Do not file-To be assigned by ATC.

TOP ALTITUDE: 13000
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 20R: Climb on course 196° to cross BIKKL at or above 556, then left turn to HEFAY, then right turn to cross PAPAU at or below 5000 and at or below 220K, then left turn to cross LRREN at or below 5000, then left turn to HTCHRY, then on track 140° to TANGL, then on track 103° to cross SHIRR at or above 7000, then on track 073° to DANAH, then on track 048° to cross STAYY at or above 9000, thence. . . .

. . . . on (transition). Maintain 13000. Expect filed altitude 10 minutes after departure.

AVRRY TRANSITION (STAYY3.AVRRY)
CNERY TRANSITION (STAYY3.CNERY)
OTAYY TRANSITION (STAYY3.OYTY)
TCATE TRANSITION (STAYY3.TCATE)