

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
CONCORD	ONE	CCR1.CCR	NONE		

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
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DP ROUTE DESCRIPTION:

RWY 1L/R: CLIMBING RIGHT TURN HEADING 055.64 AND SGD VORTAC R-092 TO PITTS (SGD/24.10 DME), THENCE...

RWY 32L/R: CLIMBING RIGHT TURN HEADING 050.64 AND SGD VORTAC R-092 TO PITTS (SGD/24.10 DME), THENCE...

...CONTINUE CLIMB IN PITTS HOLDING PATTERN (HOLD N, LT, 091.64 INBOUND) TO DEPART PITTS AT OR ABOVE 3400 FOR ROUTE OF FLIGHT.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
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PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

RWY 1L: STANDARD WITH MINIMUM CLIMB OF 345 FT/NM TO 1400.

RWY 1R: STANDARD WITH MINIMUM CLIMB OF 340 FT/NM TO 1500.

RWY 32L: 400-2 WITH MINIMUM CLIMB OF 275 FT/NM TO 700 OR STANDARD WITH MINIMUM CLIMB OF 325 FT/NM TO 600 OR STANDARD AND CROSSING DER 126 FT ABOVE DER ELEV CLEARS
TAKEOFF MINIMUMS OBSTACLES WITH MINIMUM CLIMB OF 275 FT/NM TO 700.

RWY 32R: 400-2 WITH MINIMUM CLIMB OF 295 FT/NM TO 700 OR STANDARD WITH MINIMUM CLIMB OF 325 FT/NM TO 700 OR STANDARD AND CROSSING DER 138 FT ABOVE DER ELEV CLEARS
TAKEOFF MINIMUMS OBSTACLES WITH MINIMUM CLIMB OF 295 FT/NM TO 700.

TAKEOFF OBSTACLES NOTES:

RWY 1L LOW, CLOSE-IN OBSTACLES: OBSTACLES 35 FT AND BELOW. CROSSING DER 31 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 1L TAKEOFF MINIMUMS OBSTACLES: TREES, POLE 2.3 NM FROM DER EXTENDING TO 2.6 NM FROM DER, RIGHT OF CENTERLINE, UP TO 588 FT MSL, 567 FT ABOVE DER.

RWY 1R LOW, CLOSE-IN OBSTACLES: TREES 1/4 NM FROM DER EXTENDING TO 1/2 NM FROM DER, RIGHT OF CENTERLINE, UP TO 131 FT MSL, 109 FT ABOVE DER. CROSSING DER 61 FT ABOVE
DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 32L LOW, CLOSE-IN OBSTACLES: OBSTACLES 35 FT AND BELOW. CROSSING DER 5 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 32L TAKEOFF MINIMUMS OBSTACLES: TOWER, TRANSMISSION LINE TOWERS, SMOKESTACK, REFINERY 3/4 NM FROM DER EXTENDING TO 1.6 NM FROM DER, LEFT AND RIGHT OF
CENTERLINE, UP TO 378 FT MSL, 361 FT ABOVE DER. CROSSING DER 126 FT ABOVE DER ELEV CLEARS TAKEOFF MINIMUMS OBSTACLES.

RWY 32R LOW, CLOSE-IN OBSTACLES: OBSTACLES 35 FT AND BELOW. CROSSING DER 29 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 32R TAKEOFF MINIMUMS OBSTACLES: TANK, SMOKESTACK, REFINERY 1 NM FROM DER EXTENDING TO 1.6 NM FROM DER, RIGHT OF CENTERLINE, UP TO 378 FT MSL, 360 FT ABOVE DER.
CROSSING DER 138 FT ABOVE DER ELEV CLEARS TAKEOFF MINIMUMS OBSTACLES.

QUALITY
42
CHECKED

CONTROLLING OBSTACLES:
RWY 1L/R: 1063 FT MSL AAO 380033.00N/1215836.00W (CLIMB GRADIANT), 1214 FT MSL AAO 375951.00N/1215730.00W (CLIMB GRADIANT TERMINATION ALTITUDE).
RWY 32L/R: 738 FT MSL TRANSMISSION LINE 380201.00N/1220104.3300 (CLIMB GRADIENT TERMINATION ALTITUDE), 322 FT MSL REFINERY 380125.43N/1220359.62W (VISIBILITY), 378 FT MSL STACK 380114.78N/1220359.52W (325/324 FT/NM CLIMB GRADIENT) (CEILING) (DER CROSSING HEIGHT), 368 FT MSL STACK 380123.30N/1220339.85W (275/295 FT/NM CLIMB GRADIENT).

OBSTACLES MANDATING DP ROUTE DEVELOPMENT: ALL RUNWAYS: 4035 FT MSL AAO 375254.00N/1215454.00W.

MSA:
SGD VORTAC, 5100

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
AIRPORT MV: CCR 13E/2020.
CHART: HOLDING PATTERN AT PITTS, HOLD N, LT, 091.64 INBOUND

AIRPORTS SERVED:			
AIRPORT ID	CITY	STATE	
CCR	CONCORD	CA	

COMMUNICATIONS:
CHART: GND CON, CCR ATCT, SUU APP CON

FIXES AND/OR NAVAIDS:

REMARKS:
40 FT VEGETATION HEIGHT USED.
ORDER 8260.3G - ICA USED FOR DESIGN AND EVALUATION.
APPROVAL LETTER: VCOA OPT OUT FOR CONGESTED AISPSACE.
CIH AT OR ABOVE 3400 OBSTACLE AND AIRSPACE MITIGATION.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
LEO PALMER		AJV-A432	06/18/2026	
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
APRIL SARMENTO		AJV-A432	09/24/2026	MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:**ZOA, SUU APP CON, CCR ATCT, AMGR.

CHANGES - REASONS:

