



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4L/R: Climb heading 039° to 500, then climbing right turn heading 060° to I-EZA 4 DME (use I-EWR 3.6 DME when I-EZA is NA), then climbing left turn heading 290°. Cross TEB R-214 westbound at or above 2500, climb and maintain 3000, thence....

TAKEOFF RUNWAY 11: Climbing left turn heading 060° (do not proceed east of COL R-023) to I-EZA 4 DME (use I-EWR 3.6 DME when I-EZA is NA), then climbing left turn heading 290°. Cross TEB R-214 westbound at or above 2500, climb and maintain 3000, thence....

TAKEOFF RUNWAY 22L: Climb heading 219° to 500, then climbing left turn heading 190° to I-LSQ 2.3 DME (use I-JNN 2.8 DME when I-LSQ is NA), then climbing right turn heading 220°. Maintain 2500, thence....

TAKEOFF RUNWAY 22R: Climbing left turn heading 190° to I-LSQ 2.3 DME (use I-JNN 2.8 DME when I-LSQ is NA), then climbing right turn heading 220°. Maintain 2500, thence....

TAKEOFF RUNWAY 29: Climb heading 288° to I-GPR 1.4 DME, then climbing left turn heading 265°. Maintain 5000, thence....

...as per notes or on vector to assigned route/fix. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

LOST COMMUNICATIONS: For aircraft proceeding to COATE, NEION, HAAYS, GAYEL, or BREZY, if radio contact lost/not established with ATC, climb to 3000' after SBJ R-047.

NOTE: Takeoff Rwy 11 obstruction, 1806' high building 6.6 miles east of DER.

NOTE: Radar and DME Required.

NOTE: Rwy 4L/R, 11 simultaneous reception of EWR ILS/DME required.

NOTE: Rwy 22L/R westbound departures expect vectors between 5 and 8 NM.

| | Depart Rwy 4L/R | Depart Rwy 22L/R |
|--------|---|---|
| DP FIX | Expect VECTORS to: | Expect VECTORS to: |
| BAYYS | BDR/BDR R-054 | BDR/BDR R-054 |
| BIGGY | SBJ /SBJ R-237 | SBJ /SBJ R-237 |
| BREZY | IGN R-217 to BREZY | IGN R-217 to BREZY |
| COATE | SAX/SAX R-311 | SAX/SAX R-311 |
| DIXIE | COL R-350/COL/COL R-192 or ELVAE/COL | COL R-350/COL/COL R-192 or ELVAE/COL |
| ELIOT | SAX R-252 | ETX (2300L-0700L SBJ/ETX) |
| GAYEL | DPK R-320 | DPK R-320 |
| HAAYS | HUO | HUO |
| LANNA | PTW R-059 | SBJ /SBJ R-274 |
| MERIT | LGA R-055 | LGA R-055 |
| NEION | LGA R-322 | LGA R-322 |
| NEWEL | SAX/SAX R-264 | SAX/SAX R-264 |
| PARKE | BWZ R-250 | SBJ /SBJ R-302 |
| SHIPP | JFK/JFK R-139 | JFK/JFK R-139 |
| WAVEY | JFK/JFK R-156 | JFK/JFK R-156 |
| WHITE | COL R-350/COL/COL R-204 or ELVAE/COL | COL R-350/COL/COL R-204 or ELVAE/COL |
| ZIMMZ | SAX R-250 | SBJ /SBJ R-317 |

NOTE: ELIOT may be accessed by all types of aircraft requesting a final altitude of 14000 or 16000.

NOTE: NEWEL may be accessed by turbojet aircraft only requesting a final altitude at or above FL180.

NOTE: ZIMMZ may be accessed by all types of aircraft requesting a final altitude at or above FL180.

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