

TOP ALTITUDE:
Rwy 4L/R/11/29: 3000
Rwy 22L/R: 2500

RNAV 1 - GPS. FOR DIXIE and WHITE Departures. RADAR and DME required.

Diagram illustrating a radio network structure with various stations and their connections:

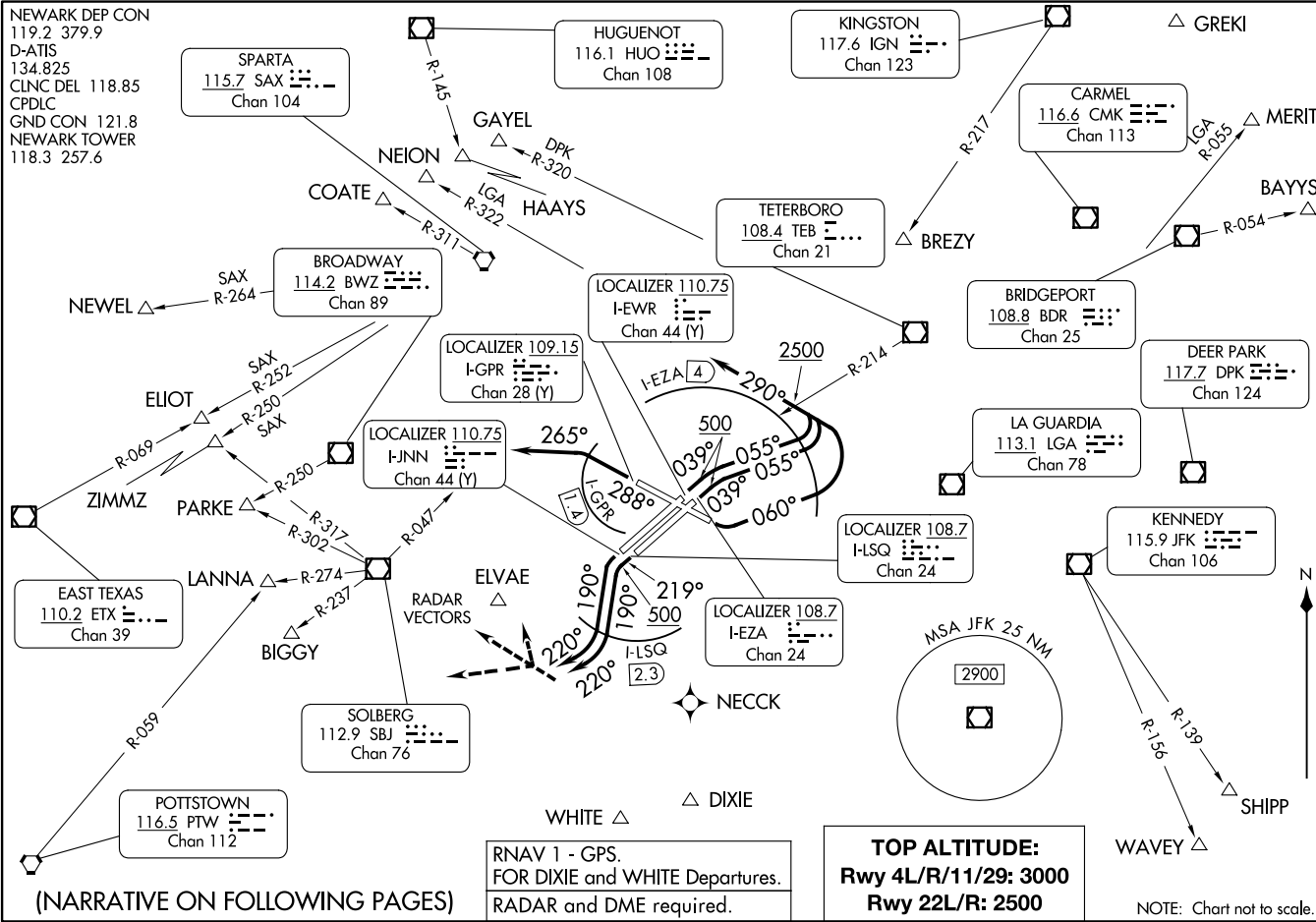
- NEWEL** (Triangle) is connected to **SAX** (Triangle) via **R-264**.
- SAX** (Triangle) is connected to **ELIOT** (Triangle) via **R-252** and **R-250**.
- ELIOT** (Triangle) is connected to **ZIMMZ** (Triangle) via **R-069**.
- ELIOT** (Triangle) is connected to **PARKE** (Triangle) via **R-250**.
- PARKE** (Triangle) is connected to **LANNA** (Triangle) via **R-317** and **R-302**.
- LANNA** (Triangle) is connected to **BIGGY** (Triangle) via **R-274** and **R-237**.
- BIGGY** (Triangle) is connected to **SOLBERG** (Square) via **R-047**.
- SOLBERG** (Square) is connected to **RAD VECT** (Square) via **R-047**.
- SOLBERG** (Square) is connected to **POTTSTOWN** (Triangle) via **R-059**.
- POTTSTOWN** (Triangle) is connected to **LANNA** (Triangle) via **R-059**.
- LOCALIZER** (Square) is connected to **ELIOT** (Triangle) via **R-250**.
- LOCALIZER** (Square) is connected to **PARKE** (Triangle) via **R-250**.
- LOCALIZER** (Square) is connected to **SOLBERG** (Square) via **R-047**.
- LOCALIZER** (Square) is connected to **RAD VECT** (Square) via **R-047**.

Station Details (Callout Boxes):

- NEWEL**: $\triangle$
- SAX**: $\triangle$
- ELIOT**: $\triangle$
- ZIMMZ**: $\triangle$
- PARKE**: $\triangle$
- LANNA**: $\triangle$
- BIGGY**: $\triangle$
- SOLBERG**: $\square$ 114.2 BWZ Chan 89
- RAD VECT**: $\square$
- POTTSTOWN**: $\triangle$ 116.5 PTW Chan 112
- LOCALIZER**: $\square$ FJNN Chan 89
- EAST TEXAS**: $\triangle$ 0.2 ETX Chan 39

NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

(NARRATIVE ON FOLLOWING PAGES)





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4L/R: Climb on heading 039° to 500, then climbing right turn to heading 055° to I-EZA 4 DME (use I-EWR 3.6 DME when I-EZA is NA), then climbing left turn to heading 290°, cross TEB R-214 westbound at or above 2500, climb and maintain 3000, thence....

TAKEOFF RUNWAY 11: Climbing left turn on heading 060° to I-EZA 4 DME (use I-EWR 3.6 DME when I-EZA is NA), then climbing left turn to heading 290°, cross TEB R-214 westbound at or above 2500, climb and maintain 3000, thence....

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

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

TAKEOFF RUNWAY 29: Climb on heading 288° to I-GPR 1.4 DME, then climbing left turn to heading 265°, maintain 3000, thence....

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

All Aircraft: ATC climb gradients: If unable to accept climb rates advise ATC prior to taxi.
Rwy 4L/R/11: ATC climb of 500' /NM to 2500.
Rwy 22L: ATC climb of 500' /NM to 600.
Rwy 22R/29: ATC climb of 500 ' /NM to 500.

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.

(NOTES CONTINUED ON FOLLOWING PAGE)

NE-2, 22 JAN 2026 to 19 FEB 2026

NE-2, 22 JAN 2026 to 19 FEB 2026

(NOTES CONTINUED)

NOTE: Rwy 4L/R, 11 simultaneous reception of EWR ILS/DME required.
NOTE: Rwy 22L/R westbound departures expect RADAR vectors between 5 and 8 NM.

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

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

TAKEOFF MINIMUMS:
Rwy 4L: Standard with minimum climb of 365'/NM to 800.
Rwy 4R: Standard with minimum climb of 345'/NM to 900.
Rwy 11: Standard with minimum climb of 250'/NM to 2000.
Rwy 22L: Standard with minimum climb of 450'/NM to 700.
Rwy 22R: Standard with minimum climb of 225'/NM to 500.
Rwy 29: Standard with minimum climb of 455'/NM to 500.