

# KEWR - Newark - Newark Liberty Intl

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## Airport details

State	New Jersey
Country	United States of America
Region	K6
Elevation	18ft (5m)
Timezone	GMT -5
Coordinates	40.69248, -74.16869
Type	land
ICAO code	KEWR
IATA code	EWR
FAA code	EWR

## Runway info

Runway 4L / 22	
length	8683135m (28487976ft)
bearing	119° / 299°
width	46m (150ft)
surface	asphalt
displacement threshold	775m (2543ft) / 0m (0ft)
blast zone	183m (600ft) / m (0ft)
Runway 4R / 22	
length	8682747m (28486703ft)
bearing	119° / 299°
width	46m (150ft)
surface	asphalt
displacement threshold	363m (1191ft) / 0m (0ft)
blast zone	91m (299ft) / m (0ft)
Runway 11 / 29	
length	2052m (6732ft)
bearing	94° / 274°
width	46m (150ft)
surface	asphalt
displacement threshold	0m (0ft) / 76m (249ft)
blast zone	155m (509ft) / 55m (180ft)

## Communication

Newark Liberty Intl ATIS-A	115.700
Newark Liberty Intl ATIS-D	134.825
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Newark Liberty Intl ATIS-D	134.825
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Newark Liberty Intl ATIS-D	134.825
Newark Liberty Intl UNICOM	122.950
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Newark Liberty Intl UNICOM	122.950
Newark Liberty Intl CLNC DEL	132.450
Newark Liberty Intl CLNC DEL	132.450
Newark Liberty Intl CLNC DEL	132.450
Newark Liberty Intl CLNC DEL	132.450
Newark Liberty Intl GND	126.150
Newark Liberty Intl GND	126.150
Newark Liberty Intl GND	126.150
Newark Liberty Intl GND	126.150
Newark Liberty Intl TWR	118.300
Newark Liberty Intl TWR	118.300
Newark Liberty Intl TWR	118.300
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Newark Liberty Intl NEW YORK APP	132.800
Newark Liberty Intl NEW YORK APP	132.800
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Newark Liberty Intl NEW YORK DEP	119.200
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## Approach frequencies

ILS-cat-III	04R	108.7	18.00mi
ILS-cat-III	22L	108.7	18.00mi
ILS-cat-II	04L	110.75	18.00mi
ILS-cat-I	22R	110.75	18.00mi
ILS-cat-I	11	109.15	18.00mi
3.1° GS	22R	110.75	18.00mi
3.1° GS	04L	110.75	18.00mi
3° GS	22L	108.7	18.00mi
3° GS	11	109.15	18.00mi
2.9° GS	04R	108.7	18.00mi

## Nearby beacons

code	identifier	dist	bearing	frequency
TE	TORBY (TETERBORO) NDB	6.9	17.9°	214
TEB	TETERBORO VOR/DME	10.5	34.2°	108.40
CAT	CHATHAM NDB	12.2	280.4°	254
CRI	CANARSIE VOR/DME	13.3	106.2°	112.30
MM	MOREE (MORRISTOWN) NDB	13.5	318.5°	392

LGA	LA GUARDIA (NEW YORK) VOR/DME	14.7	73°	113.10
JFK	KENNEDY (NEW YORK) VOR/DME	18.4	98.5°	115.90
COL	COLTS NECK VOR/DME	22.8	178.6°	115.40
SBJ	SOLBERG VOR/DME	26.9	259.1°	112.90
SAX	SPARTA VORTAC	28	315.4°	115.70
BWZ	BROADWAY (SCHOOLEY'S MT) VOR/DME	30.3	279.2°	114.20
FR	FRIKK (FARMINGDALE) NDB	31.6	83°	407
RBV	ROBBINSVILLE VORTAC	32.9	213.6°	113.80
STW	STILLWATER VOR/DME	36.6	293.4°	109.60
NEL	LAKEHURST NDB	39.6	194.4°	396
DPK	DEER PARK VOR/DME	39.8	83.4°	117.70
NEL	LAKEHURST TACAN	40.2	195.7°	111.80
ARD	YARDLEY VOR/DME	42.8	239.2°	108.20
CMK	CARMEL VOR/DME	44.2	44.9°	116.60
GXU	MC GUIRE (WRIGHTSTOWN) VORTAC	45.4	212°	110.60
HUO	HUGUENOT VOR/DME	47.1	329.4°	116.10
SW	NEELY (NEWBURGH) NDB	47.7	355.7°	335
SKU	STANWYCK (NEWBURGH) NDB	50.4	8.4°	261
CYN	COYLE VORTAC	53.9	196.7°	113.40
IGN	KINGSTON VOR/DME	60.4	19.5°	117.60

## Departure and arrival routes

Transition altitude 18000ft  
Transition level 18000ft

<b>SID end points</b>	<b>distance</b>	<b>outbound direction</b>
RW04 (ALL)		
EWR4	10.5	230°
RW11		
EWR4	10.5	230°
RW22L		
EWR4	10.5	230°
PORTT4	41.3	269°
RW22R		
EWR4	10.5	230°
PORTT4	41.3	269°
RW29		
EWR4	10.5	230°

<b>STAR starting points</b>	<b>distance</b>	<b>inbound direction</b>
ALL		
BRAND1	63.3	45°
DYLIN4, PHLBO3	89.8	55°
PENNS2	44.2	101°
FQM3	124.3	104°
FLOSI4, SHAFF7	51.6	169°

## Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
BRAND1	BACKY	VHF	right	216 (36)°		DME 7.0mi	ICAO rules
BRAND1	BRAND	VHF	right	238 (58)°	2000ft - 17999ft	1.0min timed	175
BRAND1	DQO	NDB	left	233 (53)°	6001ft - 14000ft	1.0min timed	210
BRAND1	KERNO	VHF	right	235 (55)°	6001ft - 14000ft	DME 7.0mi	210
BRAND1	RUUTH	VHF	left	262 (82)°		DME 4.0mi	ICAO rules
BRAND1	WATJA	VHF	left	240 (60)°	6001ft - 14000ft	DME 4.0mi	210
BRAND1	WNDYL	VHF	right	240 (60)°	6001ft - 14000ft	DME 4.0mi	210
DYLIN4	ARD	VHF	right	19 (199)°	< 17999ft	1.0min timed	ICAO rules
DYLIN4	MERSR	VHF	right	237 (57)°	6001ft - 14000ft	1.0min timed	210
DYLIN4	METRO	VHF	left	237 (57)°	6001ft - 14000ft	1.0min timed	210
DYLIN4	PALEO	VHF	left	232 (52)°	< 45000ft	1.5min timed	ICAO rules
DYLIN4	STEFE	VHF	right	233 (53)°	< 17999ft	1.0min timed	210
FLOSI4	ACOVE	VHF	right	31 (211)°	18000ft - 45000ft	1.5min timed	ICAO rules
FLOSI4	HANAA	VHF	right	47 (227)°	18000ft - 45000ft	DME 10.0mi	ICAO rules
FLOSI4	HELON	VHF	right	29 (209)°	< 17999ft	1.0min timed	ICAO rules
FLOSI4	KODEY	VHF	left	313 (133)°	18000ft - 45000ft	1.5min timed	ICAO rules
FLOSI4	SHAFF	VHF	left	29 (209)°	< 17999ft	1.0min timed	ICAO rules
FQM3	FQM	NDB	right	290 (110)°	18000ft - 45000ft	1.5min timed	ICAO rules
FQM3	PENNS	VHF	right	302 (122)°	6001ft - 14000ft	1.0min timed	210
FQM3	SLT	NDB	left	287 (107)°	18000ft - 45000ft	1.5min timed	ICAO rules
PENNS2	PENNS	VHF	right	302 (122)°	6001ft - 14000ft	1.0min timed	210
PHLBO3	ARD	VHF	right	19 (199)°	< 17999ft	1.0min timed	ICAO rules
PHLBO3	MERSR	VHF	right	237 (57)°	6001ft - 14000ft	1.0min timed	210
PHLBO3	METRO	VHF	left	237 (57)°	6001ft - 14000ft	1.0min timed	210
PHLBO3	PALEO	VHF	left	232 (52)°	< 45000ft	1.5min timed	ICAO rules

PHLBO3	STEFE	VHF	right	233 (53)°	< 17999ft	1.0min timed	210
SHAFF7	ACOVE	VHF	right	31 (211)°	18000ft - 45000ft	1.5min timed	ICAO rules
SHAFF7	HELON	VHF	right	29 (209)°	< 17999ft	1.0min timed	ICAO rules
SHAFF7	KODEY	VHF	left	313 (133)°	18000ft - 45000ft	1.5min timed	ICAO rules
SHAFF7	SHAFF	VHF	left	29 (209)°	< 17999ft	1.0min timed	ICAO rules

\*) magnetic outbound (inbound) holding course

## Disclaimer

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