

KEWR - Newark - Newark Liberty Intl

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 UNICOM	122.950
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Newark Liberty Intl CLNC DEL	132.450
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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
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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

SID end points	distance	outbound direction
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°

STAR starting points	distance	inbound direction
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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