

# KSTL

St. Louis Lambert Intl

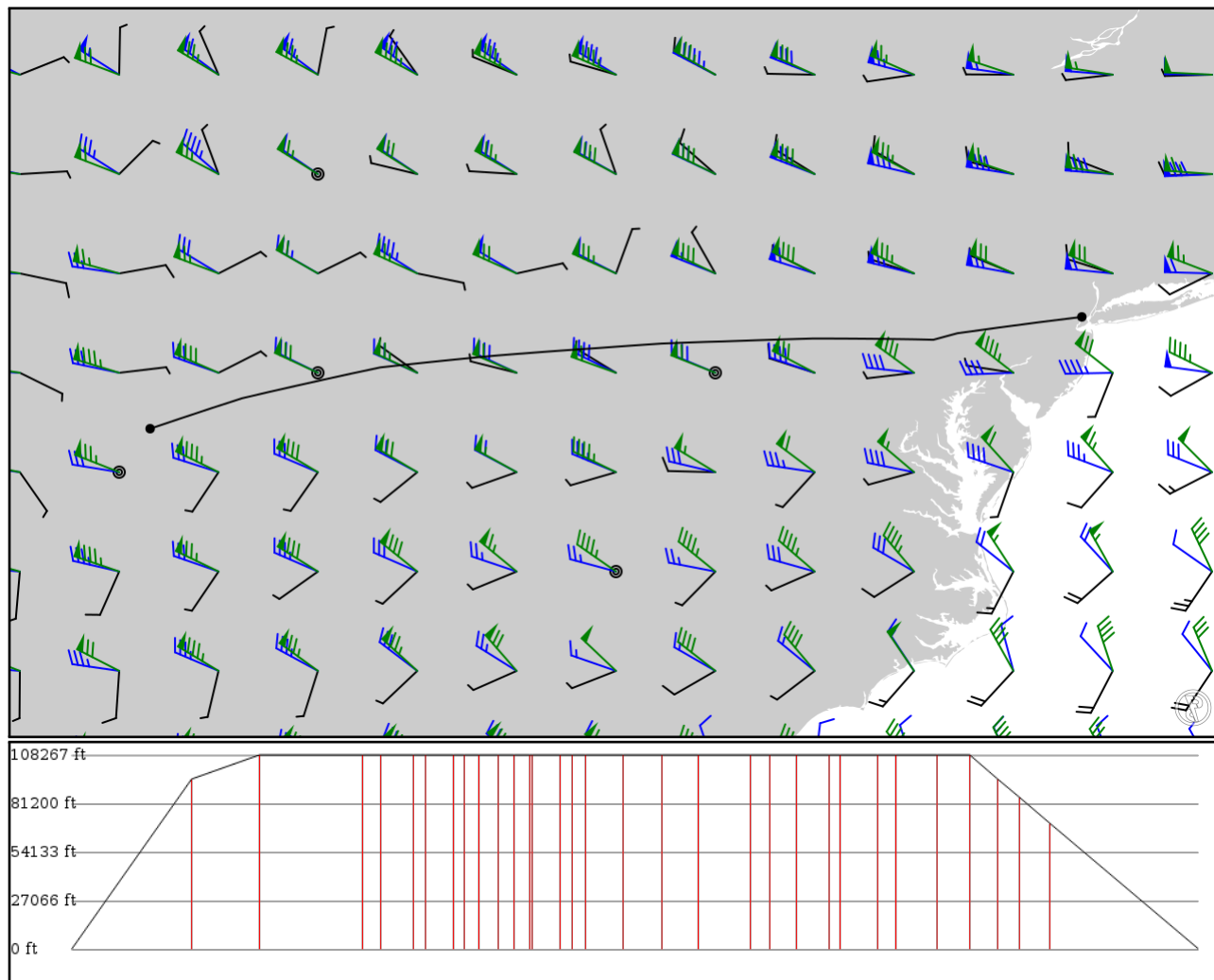
# KEWR

Newark Liberty Intl

2024/05/28 0559Z

KSTL COWES J110 VHP V50 DQN V12 COFAX J152 HAR V162 HWANG KEWR

760.43 nm / 1408.32 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 33000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSTL	-	38.74900	0 ft	-	St. Louis Lambert Intl
APT	-	-90.37040	0 m		
COWES	-	39.27820	28,900 ft	81	-
FIX	-	-88.77190	8,809 m		
TILMN	J110	39.49560	33,000 ft	45	-
FIX	AWY-HI	-87.82880	10,058 m		
VHP	J110	39.81470	33,000 ft	70	BRICKYARD
VOR	AWY-HI	-86.36750	10,058 m		
ZAVNE	V50	39.84230	33,000 ft	11	-
FIX	AWY-LO	-86.11670	10,058 m		
HOMAR	V50	39.89320	33,000 ft	22	-
FIX	AWY-LO	-85.63990	10,058 m		
NEWTO	V50	39.91100	33,000 ft	7	-
FIX	AWY-LO	-85.46900	10,058 m		
MOTTS	V50	39.95200	33,000 ft	18	-
FIX	AWY-LO	-85.06430	10,058 m		
ARBAS	V50	39.96830	33,000 ft	7	-
FIX	AWY-LO	-84.89880	10,058 m		
LEEDS	V50	39.98860	33,000 ft	9	-
FIX	AWY-LO	-84.69070	10,058 m		
DQN	V50	40.01640	33,000 ft	13	DAYTON
VOR	AWY-LO	-84.39690	10,058 m		
TRUNC	V12	40.03430	33,000 ft	10	-
FIX	AWY-LO	-84.17680	10,058 m		
BONEE	V12	40.05250	33,000 ft	10	-
FIX	AWY-LO	-83.94890	10,058 m		
TARRY	V12	40.05440	33,000 ft	1	-
FIX	AWY-LO	-83.91420	10,058 m		
MECAN	V12	40.08620	33,000 ft	18	-
FIX	AWY-LO	-83.50820	10,058 m		
PIZZA	V12	40.09940	33,000 ft	8	-
FIX	AWY-LO	-83.32860	10,058 m		
DIPNE	V12	40.11330	33,000 ft	8	-
FIX	AWY-LO	-83.13670	10,058 m		
APE	V12	40.15110	33,000 ft	25	APPLETON
VOR	AWY-LO	-82.58830	10,058 m		
ROSCO	V12	40.19330	33,000 ft	26	-
FIX	AWY-LO	-82.00650	10,058 m		
CTW	V12	40.22920	33,000 ft	24	NEWCOMERSTOWN
VOR	AWY-LO	-81.47650	10,058 m		
PIDYY	V12	40.25800	33,000 ft	35	-
FIX	AWY-LO	-80.70480	10,058 m		
HEFJA	V12	40.26540	33,000 ft	12	-
FIX	AWY-LO	-80.42190	10,058 m		
AGC	V12	40.27860	33,000 ft	17	ALLEGHENY (PITTSBURGH)
VOR	AWY-LO	-80.04090	10,058 m		
FURIX	V12	40.29530	33,000 ft	21	-
FIX	AWY-LO	-79.56130	10,058 m		
MILWO	V12	40.30090	33,000 ft	8	-
FIX	AWY-LO	-79.38580	10,058 m		
JST	V12	40.31670	33,000 ft	25	JOHNSTOWN
VOR	AWY-LO	-78.83420	10,058 m		
ZOTBI	V12	40.31630	33,000 ft	11	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-78.57920	10,058 m		
COFAX	V12	40.31300	33,000 ft	28	-
FIX	AWY-LO	-77.96690	10,058 m		
LOMON	J152	40.30810	33,000 ft	22	-
FIX	AWY-HI	-77.48340	10,058 m		
HAR	J152	40.30220	28,900 ft	18	HARRISBURG
VOR	AWY-HI	-77.06960	8,809 m		
BOBSS	V162	40.29490	25,800 ft	14	-
FIX	AWY-LO	-76.75020	7,864 m		
HWANG	V162	40.40910	21,400 ft	20	-
FIX	AWY-LO	-76.33030	6,523 m		
KEWR	-	40.69250	0 ft	100	Newark Liberty Intl
APT	-	-74.16870	0 m		

## KSTL

Region: UNITED STATES  
Timezone: AMERICA/CHICAGO  
Runways: 4

Elevation: 604 ft / 184 m  
Location: 38.749000 -90.370400  
Magnetic Var: 1.967 W

## METAR

KSTL 280451Z 22003KT 10SM CLR 20/16 A2997 RMK A02 SLP140 T02000156 \$

## TAF

KSTL 280301Z 2803/2906 27006KT P6SM SKC FM281500 30014G23KT P6SM SCT050 FM290000 33005KT P6SM SCT250

## Frequencies

REC - 125.05 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 119.50 MHz - CLEARANCE DELIVERY	GND - 127.55 MHz - ST. LOUIS GROUND
GND - 121.07 MHz - ST. LOUIS GROUND	GND - 121.65 MHz - ST. LOUIS GROUND
GND - 121.90 MHz - ST. LOUIS GROUND	GND - 118.92 MHz - ST. LOUIS GROUND
TWR - 132.47 MHz - ST. LOUIS TOWER	TWR - 120.05 MHz - ST. LOUIS TOWER
TWR - 118.50 MHz - ST. LOUIS TOWER	APP - 132.12 MHz - ST. LOUIS APPROACH
APP - 121.05 MHz - ST. LOUIS APPROACH	APP - 123.70 MHz - ST. LOUIS APPROACH
DEP - 119.15 MHz - ST. LOUIS DEPARTURE	DEP - 128.10 MHz - ST. LOUIS DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	151 ft	9,012 ft	122.28	CONCRETE	0 ft	390 ft
	46 m	2,747 m	124.25		0 m	119 m
29	151 ft	9,012 ft	302.30	CONCRETE	0 ft	390 ft
	46 m	2,747 m	304.26		0 m	119 m
06	151 ft	7,615 ft	62.73	CONCRETE	0 ft	89 ft
	46 m	2,321 m	64.70		0 m	27 m
24	151 ft	7,615 ft	242.74	CONCRETE	0 ft	89 ft
	46 m	2,321 m	244.71		0 m	27 m
12R	200 ft	11,031 ft	122.29	CONCRETE	479 ft	164 ft
	61 m	3,362 m	124.26		146 m	50 m
30L	200 ft	11,031 ft	302.31	CONCRETE	213 ft	187 ft
	61 m	3,362 m	304.28		65 m	57 m
12L	151 ft	9,012 ft	122.32	CONCRETE	0 ft	121 ft
	46 m	2,747 m	124.29		0 m	37 m
30R	151 ft	9,012 ft	302.33	CONCRETE	0 ft	200 ft
	46 m	2,747 m	304.30		0 m	61 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	IJAK	110.30 MHz	18 nm	-	-	556 ft
				33 km	-		556 m
11	DME	IOGZ	111.95 MHz	18 nm	-	-	548 ft
				33 km	-		548 m
12L	DME	ILDZ	108.90 MHz	18 nm	-	-	616 ft
				33 km	-		616 m
24	DME	ISTL	110.30 MHz	18 nm	-	-	540 ft
				33 km	-		540 m
29	DME	IRQN	111.95 MHz	18 nm	-	-	608 ft
				33 km	-		608 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30R	DME	ISJW	111.30 MHz	18 nm 33 km	- -	-	546 ft 546 m
06	LOC-ILS	IJAK	110.30 MHz	18 nm 33 km	62.72 64.68	-	541 ft 541 m
11	LOC-ILS	I0GZ	111.95 MHz	18 nm 33 km	122.29 124.26	-	545 ft 545 m
12L	LOC-ILS	ILDZ	108.90 MHz	18 nm 33 km	122.31 124.28	-	598 ft 598 m
12R	LOC-ILS	ILMR	109.70 MHz	18 nm 33 km	122.30 124.27	-	588 ft 588 m
24	LOC-ILS	ISTL	110.30 MHz	18 nm 33 km	242.73 244.69	-	545 ft 545 m
29	LOC-ILS	IRQN	111.95 MHz	18 nm 33 km	302.27 304.23	-	613 ft 613 m
30L	LOC-ILS	IBKY	111.50 MHz	18 nm 33 km	302.29 304.26	-	549 ft 549 m
30R	LOC-ILS	ISJW	111.30 MHz	18 nm 33 km	302.30 304.26	-	530 ft 530 m
06	GS	IJAK	110.30 MHz	10 nm 19 km	63.45 65.42	3.00	539 ft 539 m
11	GS	I0GZ	111.95 MHz	10 nm 19 km	122.56 124.53	3.00	598 ft 598 m
12L	GS	ILDZ	108.90 MHz	10 nm 19 km	122.62 124.58	3.00	598 ft 598 m
12R	GS	ILMR	109.70 MHz	10 nm 19 km	122.61 124.57	3.00	528 ft 528 m
24	GS	ISTL	110.30 MHz	10 nm 19 km	243.45 245.42	3.00	528 ft 528 m
29	GS	IRQN	111.95 MHz	10 nm 19 km	302.56 304.53	3.00	556 ft 556 m
30L	GS	IBKY	111.50 MHz	10 nm 19 km	302.61 304.57	3.00	566 ft 566 m
30R	GS	ISJW	111.30 MHz	10 nm 19 km	302.62 304.58	3.00	592 ft 592 m

## KEWR

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 3

Elevation: 17 ft / 5 m  
Location: 40.693600 -74.168600  
Magnetic Var: 12.650 W

## METAR

KEWR 280525Z 00000KT 10SM SCT012 21/18 A2968 RMK AO2 T02060183

## TAF

TAF AMD KEWR 280344Z 2804/2906 14007KT 3SM BR VCSH BKN007 BKN100 FM280900 24007KT 3SM BR SCT008 OVC015 FM281200 26007KT 3SM BR SCT008 OVC015

## Frequencies

REC - 115.70 MHz - D-ATIS	REC - 134.82 MHz - D-ATIS
COM - 122.95 MHz - UNICOM	CLD - 118.85 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - NEWARK GROUND	GND - 126.15 MHz - NEWARK GROUND
GND - 132.45 MHz - RAMP CONTROL	TWR - 118.30 MHz - NEWARK TOWER
TWR - 134.05 MHz - NEWARK TOWER	APP - 127.60 MHz - NEW YORK APPROACH
APP - 128.55 MHz - NEW YORK APPROACH	APP - 132.70 MHz - NEW YORK APPROACH
APP - 132.80 MHz - NEW YORK APPROACH	DEP - 119.20 MHz - NEW YORK DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	150 ft	11,011 ft	25.75	ASPHALT	2,539 ft	610 ft
	46 m	3,356 m	38.40		774 m	186 m
22R	150 ft	11,011 ft	205.76	ASPHALT	1,440 ft	0 ft
	46 m	3,356 m	218.41		439 m	0 m
04R	150 ft	10,009 ft	25.74	ASPHALT	1,191 ft	299 ft
	46 m	3,051 m	38.39		363 m	91 m
22L	150 ft	10,009 ft	205.75	ASPHALT	1,791 ft	0 ft
	46 m	3,051 m	218.40		546 m	0 m
11	150 ft	6,732 ft	95.00	ASPHALT	0 ft	505 ft
	46 m	2,052 m	107.65		0 m	154 m
29	150 ft	6,732 ft	275.02	ASPHALT	223 ft	0 ft
	46 m	2,052 m	287.67		68 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IEWR	110.75 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
04R	DME	IEZA	108.70 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
22L	DME	ILSQ	108.70 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
22R	DME	IJNN	110.75 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
04L	LOC-ILS	IEWR	110.75 MHz	18 nm	25.76	-	17 ft
				33 km	38.41		17 m
04R	LOC-ILS	IEZA	108.70 MHz	18 nm	25.75	-	17 ft
				33 km	38.40		17 m
11	LOC-ILS	IGPR	109.15 MHz	18 nm	95.01	-	17 ft
				33 km	107.66		17 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	LOC-ILS	ILSQ	108.70 MHz	18 nm	205.75	-	17 ft
				33 km	218.40		17 m
22R	LOC-ILS	IJNN	110.75 MHz	18 nm	205.76	-	17 ft
				33 km	218.41		17 m
04L	GS	IEWR	110.75 MHz	10 nm	25.76	3.00	17 ft
				19 km	38.41		17 m
04R	GS	IEZA	108.70 MHz	10 nm	25.75	3.00	17 ft
				19 km	38.40		17 m
11	GS	IGPR	109.15 MHz	10 nm	95.01	3.00	17 ft
				19 km	107.66		17 m
22L	GS	ILSQ	108.70 MHz	10 nm	205.75	3.00	17 ft
				19 km	218.40		17 m
22R	GS	IJNN	110.75 MHz	10 nm	205.76	3.00	17 ft
				19 km	218.41		17 m