

# KSTL

St. Louis Lambert Intl

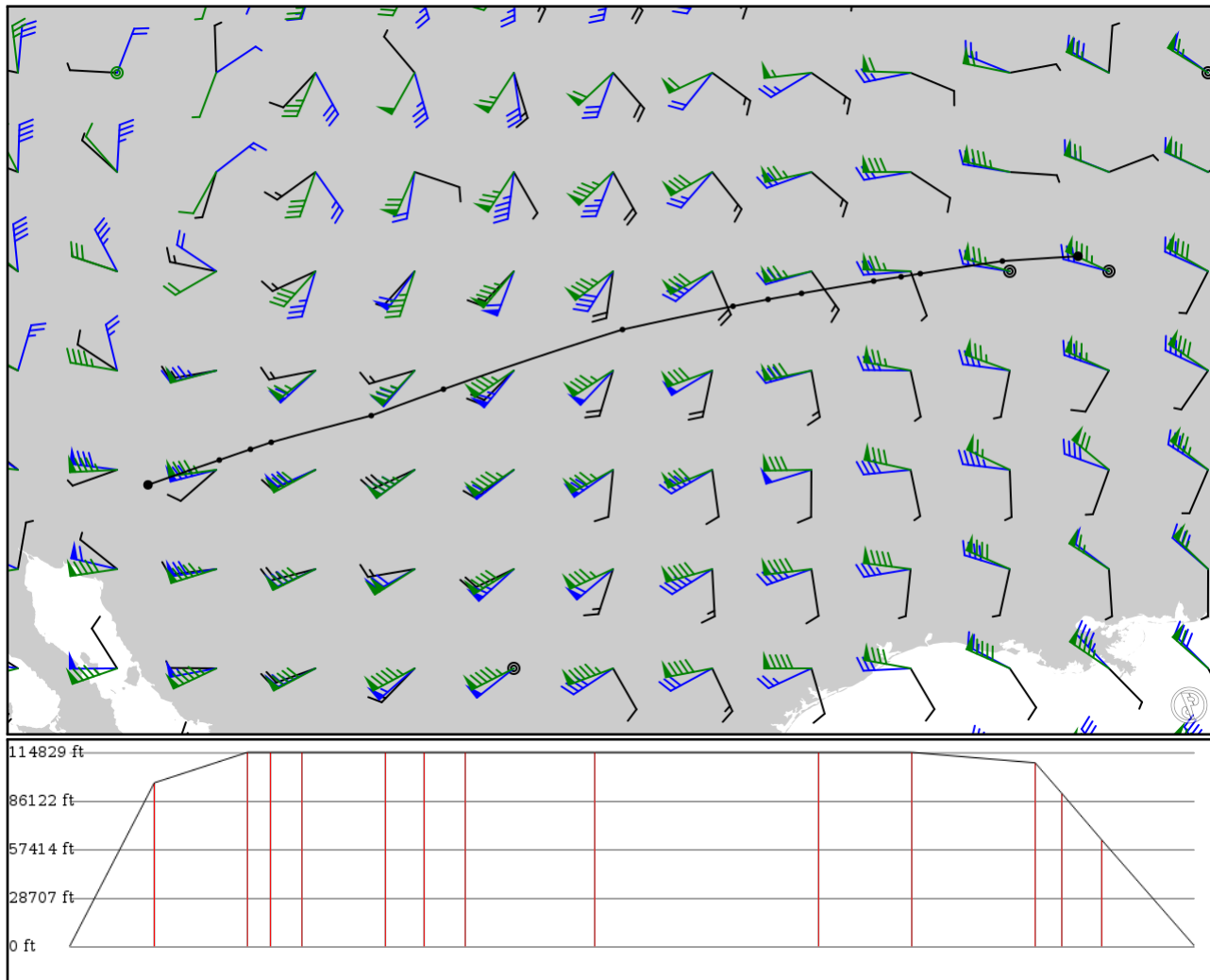
# KPHX

Phoenix Sky Harbor Intl

2024/05/02 1322Z

KSTL ELSTO J110 BUM J134 LBL J19 FTI J18 BOLIC KPHX

1096.37 nm / 2030.47 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSTL APT	-	38.74900 -90.37040	0 ft 0 m	-	St. Louis Lambert Intl
ELSTO FIX	-	38.63620 -92.13090	29,500 ft 8,992 m	82	-
SCAWT FIX	J110 AWY-HI	38.34490 -94.04220	35,000 ft 10,668 m	91	-
BUM VOR	J110 AWY-HI	38.27210 -94.48830	35,000 ft 10,668 m	21	BUTLER
DOSOA FIX	J134 AWY-HI	38.17070 -95.12680	35,000 ft 10,668 m	30	-
ROKNE FIX	J134 AWY-HI	37.88630 -96.80460	35,000 ft 10,668 m	81	-
ICT VOR	J134 AWY-HI	37.74530 -97.58380	35,000 ft 10,668 m	37	WICHITA
VARNR FIX	J134 AWY-HI	37.58660 -98.39940	35,000 ft 10,668 m	39	-
LBL VOR	J134 AWY-HI	37.04440 -100.97100	35,000 ft 10,668 m	127	LIBERAL
FTI VOR	J19 AWY-HI	35.65760 -105.13600	35,000 ft 10,668 m	217	FORT UNION
ABQ VOR	J18 AWY-HI	35.04380 -106.81600	35,000 ft 10,668 m	90	ALBUQUERQUE
SJN VOR	J18 AWY-HI	34.42400 -109.14400	33,100 ft 10,089 m	120	ST JOHNS
VERNO FIX	J18 AWY-HI	34.26070 -109.62700	27,600 ft 8,412 m	25	-
BOLIC FIX	J18 AWY-HI	34.01120 -110.35200	19,200 ft 5,852 m	39	-
KPHX APT	-	33.43360 -112.01200	0 ft 0 m	89	Phoenix Sky Harbor Intl

## KSTL

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

Elevation: 604 ft / 184 m  
Location: 38.749000 -90.370400  
Magnetic Var: 1.961 W

## METAR

KSTL 021251Z 14006KT 10SM FEW060 FEW120 BKN250 21/16 A2987 RMK A02 SLP107 T02060161

## TAF

TAF KSTL 021135Z 0212/0318 14005KT P6SM SCT250 FM021500 18012G22KT P6SM FEW060 SCT250 FM030000 VRB07KT 4SM -SHRA B

## 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	124.24		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	64.69		0 m	27 m
24	151 ft	7,615 ft	242.74	CONCRETE	0 ft	89 ft
	46 m	2,321 m	244.70		0 m	27 m
12R	200 ft	11,031 ft	122.29	CONCRETE	479 ft	164 ft
	61 m	3,362 m	124.25		146 m	50 m
30L	200 ft	11,031 ft	302.31	CONCRETE	213 ft	187 ft
	61 m	3,362 m	304.27		65 m	57 m
12L	151 ft	9,012 ft	122.32	CONCRETE	0 ft	121 ft
	46 m	2,747 m	124.28		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	122.29 124.25	-	545 ft 545 m
12L	LOC-ILS	ILDZ	108.90 MHz	18 nm 33 km	122.31 124.27	-	598 ft 598 m
12R	LOC-ILS	ILMR	109.70 MHz	18 nm 33 km	122.30 124.26	-	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	302.29 304.25	-	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 65.41	3.00	539 ft 539 m
11	GS	I0GZ	111.95 MHz	10 nm 19 km	122.56 124.52	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	243.45 245.41	3.00	528 ft 528 m
29	GS	IRQN	111.95 MHz	10 nm 19 km	302.56 304.52	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

## KPHX

Region: UNITED STATES  
Timezone: AMERICA/PHOENIX  
Runways: 3

Elevation: 1,135 ft / 346 m  
Location: 33.433600 -112.012000  
Magnetic Var: 9.723 E

## METAR

KPHX 021251Z 11006KT 10SM CLR 21/03 A2980 RMK A02 SLP076 T02110028

## TAF

KPHX 021135Z 0212/0318 10006KT P6SM SKC FM021800 17006KT P6SM SKC FM022100 27008KT P6SM SKC FM031000 10005KT P6SM

## Frequencies

REC - 127.57 MHz - ATIS	CLD - 118.10 MHz - CLEARANCE DELIVERY
GND - 119.75 MHz - GROUND NORTH	GND - 132.55 MHz - GROUND SOUTH
TWR - 118.70 MHz - TOWER NORTH	TWR - 120.90 MHz - TOWER SOUTH
APP - 128.65 MHz - PHOENIX APPROACH	APP - 120.70 MHz - PHOENIX APPROACH
DEP - 124.10 MHz - PHOENIX APPROACH	DEP - 126.80 MHz - PHOENIX DEPARTURE
DEP - 124.90 MHz - PHOENIX DEPARTURE	DEP - 123.70 MHz - PHOENIX DEPARTURE
DEP - 119.20 MHz - PHOENIX DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	151 ft	11,500 ft	90.06	CONCRETE	912 ft	0 ft
	46 m	3,505 m	80.34		278 m	0 m
26	151 ft	11,500 ft	270.08	CONCRETE	0 ft	0 ft
	46 m	3,505 m	260.36		0 m	0 m
07L	151 ft	10,308 ft	90.04	CONCRETE	0 ft	0 ft
	46 m	3,142 m	80.31		0 m	0 m
25R	151 ft	10,308 ft	270.06	CONCRETE	0 ft	0 ft
	46 m	3,142 m	260.33		0 m	0 m
07R	151 ft	7,806 ft	90.04	CONCRETE	0 ft	0 ft
	46 m	2,379 m	80.31		0 m	0 m
25L	151 ft	7,806 ft	270.05	CONCRETE	0 ft	0 ft
	46 m	2,379 m	260.33		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IPHX	111.50 MHz	18 nm	-	-	1,142 ft
				33 km	-		1,142 m
07R	DME	IAHA	110.75 MHz	18 nm	-	-	1,135 ft
				33 km	-		1,135 m
08	DME	ISYQ	111.75 MHz	18 nm	-	-	1,149 ft
				33 km	-		1,149 m
25L	DME	IRJG	110.75 MHz	18 nm	-	-	1,135 ft
				33 km	-		1,135 m
26	DME	CWJ	111.75 MHz	18 nm	-	-	1,119 ft
				33 km	-		1,119 m
07L	LOC-ILS	IPHX	111.50 MHz	18 nm	90.05	-	1,135 ft
				33 km	80.33		1,135 m
07R	LOC-ILS	IAHA	110.75 MHz	18 nm	90.04	-	1,135 ft
				33 km	80.32		1,135 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	LOC-ILS	ISYQ	111.75 MHz	18 nm 33 km	90.07 80.35	-	1,135 ft 1,135 m
25L	LOC-ILS	IRJG	110.75 MHz	18 nm 33 km	270.04 260.32	-	1,135 ft 1,135 m
26	LOC-ILS	ICWJ	111.75 MHz	18 nm 33 km	270.07 260.35	-	1,135 ft 1,135 m
07L	GS	IPHX	111.50 MHz	10 nm 19 km	90.05 80.33	3.01	1,135 ft 1,135 m
07R	GS	IAHA	110.75 MHz	10 nm 19 km	90.04 80.32	3.01	1,135 ft 1,135 m
08	GS	ISYQ	111.75 MHz	10 nm 19 km	90.70 80.98	3.01	1,135 ft 1,135 m
25L	GS	IRJG	110.75 MHz	10 nm 19 km	270.04 260.32	3.00	1,135 ft 1,135 m
26	GS	ICWJ	111.75 MHz	10 nm 19 km	270.70 260.98	3.00	1,135 ft 1,135 m