

# KPHX

Phoenix Sky Harbor Intl

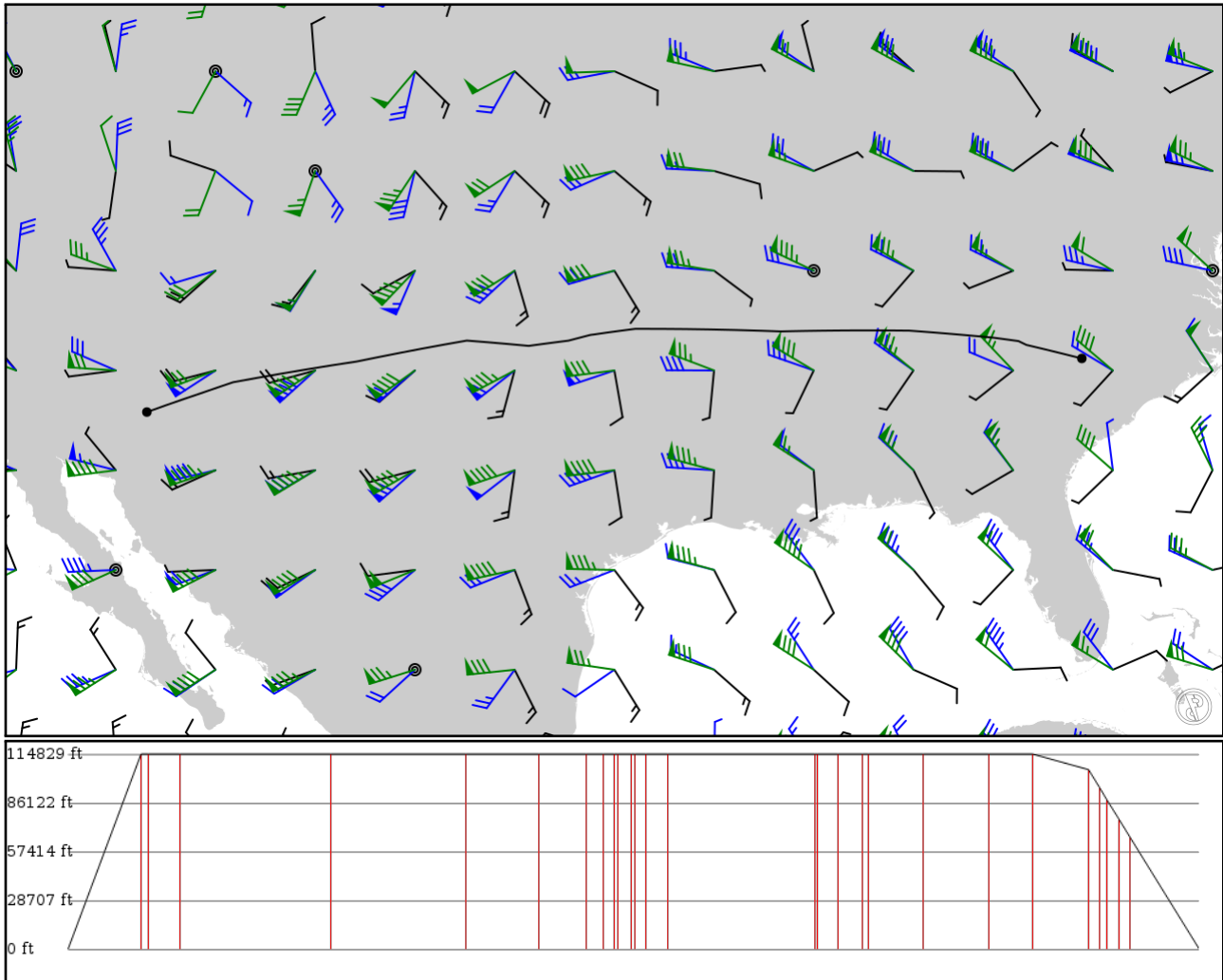
# KCLT

Charlotte Douglas Intl

2024/05/17 2145Z

KPHX CAMVI V190 SJN J231 ACH J142 BGD J8 IFI V140 TUL J46 VXV V136 SOT V185 MUMMI KCLT

1550.02 nm / 2870.63 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: yes
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KPHX APT	-	33.43360 -112.01200	0 ft 0 m	-	Phoenix Sky Harbor Intl
CAMVI FIX	-	34.08680 -110.13400	35,000 ft 10,668 m	101	-
HOZER FIX	V190 AWY-LO	34.15070 -109.94900	35,000 ft 10,668 m	9	-
SJN VOR	V190 AWY-LO	34.42400 -109.14400	35,000 ft 10,668 m	43	ST JOHNS
ACH VOR	J231 AWY-HI	35.11170 -105.04000	35,000 ft 10,668 m	206	ANTON CHICO
BGD VOR	J142 AWY-HI	35.80710 -101.38200	35,000 ft 10,668 m	183	BORGER
DANKS FIX	J8 AWY-HI	35.63050 -99.32570	35,000 ft 10,668 m	100	-
IFI VOR	J8 AWY-HI	35.80530 -98.00390	35,000 ft 10,668 m	65	KINGFISHER
WENDY FIX	V140 AWY-LO	35.92500 -97.54750	35,000 ft 10,668 m	23	-
LASTS FIX	V140 AWY-LO	35.99590 -97.27350	35,000 ft 10,668 m	13	-
GULLI FIX	V140 AWY-LO	36.01200 -97.14430	35,000 ft 10,668 m	6	-
IBAAB FIX	V140 AWY-LO	36.06280 -96.79350	35,000 ft 10,668 m	17	-
YARNS FIX	V140 AWY-LO	36.07760 -96.68510	35,000 ft 10,668 m	5	-
SEARS FIX	V140 AWY-LO	36.11850 -96.38230	35,000 ft 10,668 m	14	-
TUL VOR	V140 AWY-LO	36.19630 -95.78810	35,000 ft 10,668 m	29	TULSA
PLIED FIX	J46 AWY-HI	36.13320 -91.61150	35,000 ft 10,668 m	202	-
LUKKY FIX	J46 AWY-HI	36.13090 -91.53890	35,000 ft 10,668 m	3	-
ARG VOR	J46 AWY-HI	36.11000 -90.95370	35,000 ft 10,668 m	28	WALNUT RIDGE
ZESAM FIX	J46 AWY-HI	36.12450 -90.27090	35,000 ft 10,668 m	33	-
KIMEL FIX	J46 AWY-HI	36.12780 -90.08610	35,000 ft 10,668 m	8	-
SOPIE FIX	J46 AWY-HI	36.14370 -88.56330	35,000 ft 10,668 m	73	-
BNA VOR	J46 AWY-HI	36.13700 -86.68480	35,000 ft 10,668 m	91	NASHVILLE
RABOW FIX	J46 AWY-HI	36.04290 -85.45640	35,000 ft 10,668 m	59	-
VXV VOR	J46 AWY-HI	35.90480 -83.89470	32,200 ft 9,815 m	76	VOLUNTEER (KNOXVILLE)
AUBRY FIX	V136 AWY-LO	35.86420 -83.59110	29,000 ft 8,839 m	14	-
PITTE FIX	V136 AWY-LO	35.83550 -83.38050	26,800 ft 8,169 m	10	-
SOT	V136	35.79010	23,300 ft	16	SNOWBIRD

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	-83.05240	7,102 m		
MUMMI	V185	35.66350	20,100 ft	14	-
FIX	AWY-LO	-82.79170	6,126 m		
KCLT	-	35.21380	0 ft	94	Charlotte Douglas Intl
APT	-	-80.94850	0 m		

## KPHX

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

Elevation: 1,135 ft / 346 m  
Location: 33.433600 -112.012000  
Magnetic Var: 9.719 E

## METAR

KPHX 172053Z 29004KT 10SM FEW060 37/02 A2976 RMK AO2 T03670017

## TAF

KPHX 172037Z 1721/1824 26010KT P6SM SKC FM181000 11005KT P6SM SKC FM182000 24010KT P6SM FEW120 TEMPO 1822/1824 260

## 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	80.32		0 m	0 m
25R	151 ft	10,308 ft	270.06	CONCRETE	0 ft	0 ft
	46 m	3,142 m	260.34		0 m	0 m
07R	151 ft	7,806 ft	90.04	CONCRETE	0 ft	0 ft
	46 m	2,379 m	80.32		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

## KCLT

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 748 ft / 228 m  
Location: 35.213800 -80.948500  
Magnetic Var: 8.055 W

## METAR

KCLT 172052Z 15008KT 10SM FEW045 SCT070 BKN120 OVC250 26/18 A2986 RMK A02 SLP119 T02610178 58016

## TAF

KCLT 171959Z 1720/1824 15006KT P6SM VCSH SCT050 BKN100 FM172300 19005KT P6SM -SHRA SCT040 BKN070 TEMPO 1723/1803

## Frequencies

REC - 121.15 MHz - ATIS (ARRIVAL)	REC - 132.10 MHz - ATIS (DEPARTURE)
COM - 122.95 MHz - UNICOM	CLD - 127.15 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - CHARLOTTE GROUND	GND - 121.90 MHz - CHARLOTTE GROUND
TWR - 133.35 MHz - CHARLOTTE TOWER	TWR - 126.40 MHz - CHARLOTTE TOWER
TWR - 118.10 MHz - CHARLOTTE TOWER	DEP - 134.75 MHz - CHARLOTTE DEPARTURE
DEP - 128.32 MHz - CHARLOTTE DEPARTURE	DEP - 124.00 MHz - CHARLOTTE DEPARTURE
DEP - 120.50 MHz - CHARLOTTE DEPARTURE	DEP - 120.05 MHz - CHARLOTTE DEPARTURE
APP - 134.75 MHz - CHARLOTTE APPROACH	APP - 128.32 MHz - CHARLOTTE APPROACH
APP - 126.15 MHz - CHARLOTTE APPROACH	APP - 124.00 MHz - CHARLOTTE APPROACH
APP - 120.50 MHz - CHARLOTTE APPROACH	APP - 120.05 MHz - CHARLOTTE APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18R	151 ft	9,008 ft	175.98	CONCRETE	0 ft	0 ft
	46 m	2,746 m	184.04		0 m	0 m
36L	151 ft	9,008 ft	355.98	CONCRETE	0 ft	0 ft
	46 m	2,746 m	4.04		0 m	0 m
18C	151 ft	10,009 ft	175.98	CONCRETE	0 ft	0 ft
	46 m	3,051 m	184.04		0 m	0 m
36C	151 ft	10,009 ft	355.98	CONCRETE	0 ft	0 ft
	46 m	3,051 m	4.04		0 m	0 m
18L	151 ft	8,686 ft	176.00	ASPHALT	0 ft	0 ft
	46 m	2,648 m	184.05		0 m	0 m
36R	151 ft	8,686 ft	356.00	ASPHALT	0 ft	0 ft
	46 m	2,648 m	4.05		0 m	0 m
05	151 ft	7,510 ft	48.35	ASPHALT	0 ft	148 ft
	46 m	2,289 m	56.40		0 m	45 m
23	151 ft	7,510 ft	228.36	ASPHALT	0 ft	148 ft
	46 m	2,289 m	236.41		0 m	45 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18R	DME	IRGS	110.15 MHz	18 nm	-	-	749 ft
				33 km	-		749 m
23	DME	IAPU	109.50 MHz	18 nm	-	-	749 ft
				33 km	-		749 m
36L	DME	IXUU	110.15 MHz	18 nm	-	-	749 ft
				33 km	-		749 m
36R	DME	IBQC	108.90 MHz	18 nm	-	-	749 ft
				33 km	-		749 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	LOC-ILS	ICLT	110.95 MHz	18 nm	48.37	-	749 ft
				33 km	56.43		749 m
18C	LOC-ILS	IPEP	111.30 MHz	18 nm	175.98	-	748 ft
				33 km	184.04		748 m
18L	LOC-ILS	IVKQ	110.35 MHz	18 nm	176.00	-	748 ft
				33 km	184.06		748 m
18R	LOC-ILS	IRGS	110.15 MHz	18 nm	175.98	-	748 ft
				33 km	184.04		748 m
23	LOC-ILS	IAPU	109.50 MHz	18 nm	228.35	-	748 ft
				33 km	236.41		748 m
36C	LOC-ILS	IDQG	111.70 MHz	18 nm	355.98	-	748 ft
				33 km	4.04		748 m
36L	LOC-ILS	IXUU	110.15 MHz	18 nm	355.98	-	748 ft
				33 km	4.04		748 m
36R	LOC-ILS	IBQC	108.90 MHz	18 nm	356.00	-	748 ft
				33 km	4.06		748 m
05	GS	ICLT	110.95 MHz	10 nm	48.35	3.00	748 ft
				19 km	56.41		748 m
18C	GS	IPEP	111.30 MHz	10 nm	175.98	3.00	748 ft
				19 km	184.04		748 m
18L	GS	IVKQ	110.35 MHz	10 nm	176.00	3.00	748 ft
				19 km	184.06		748 m
18R	GS	IRGS	110.15 MHz	10 nm	175.98	3.00	748 ft
				19 km	184.04		748 m
23	GS	IAPU	109.50 MHz	10 nm	228.35	3.00	748 ft
				19 km	236.41		748 m
36C	GS	IDQG	111.70 MHz	10 nm	355.98	3.00	748 ft
				19 km	4.04		748 m
36L	GS	IXUU	110.15 MHz	10 nm	355.98	3.00	748 ft
				19 km	4.04		748 m
36R	GS	IBQC	108.90 MHz	10 nm	356.00	3.00	748 ft
				19 km	4.06		748 m