

KCLT

Charlotte Douglas Intl

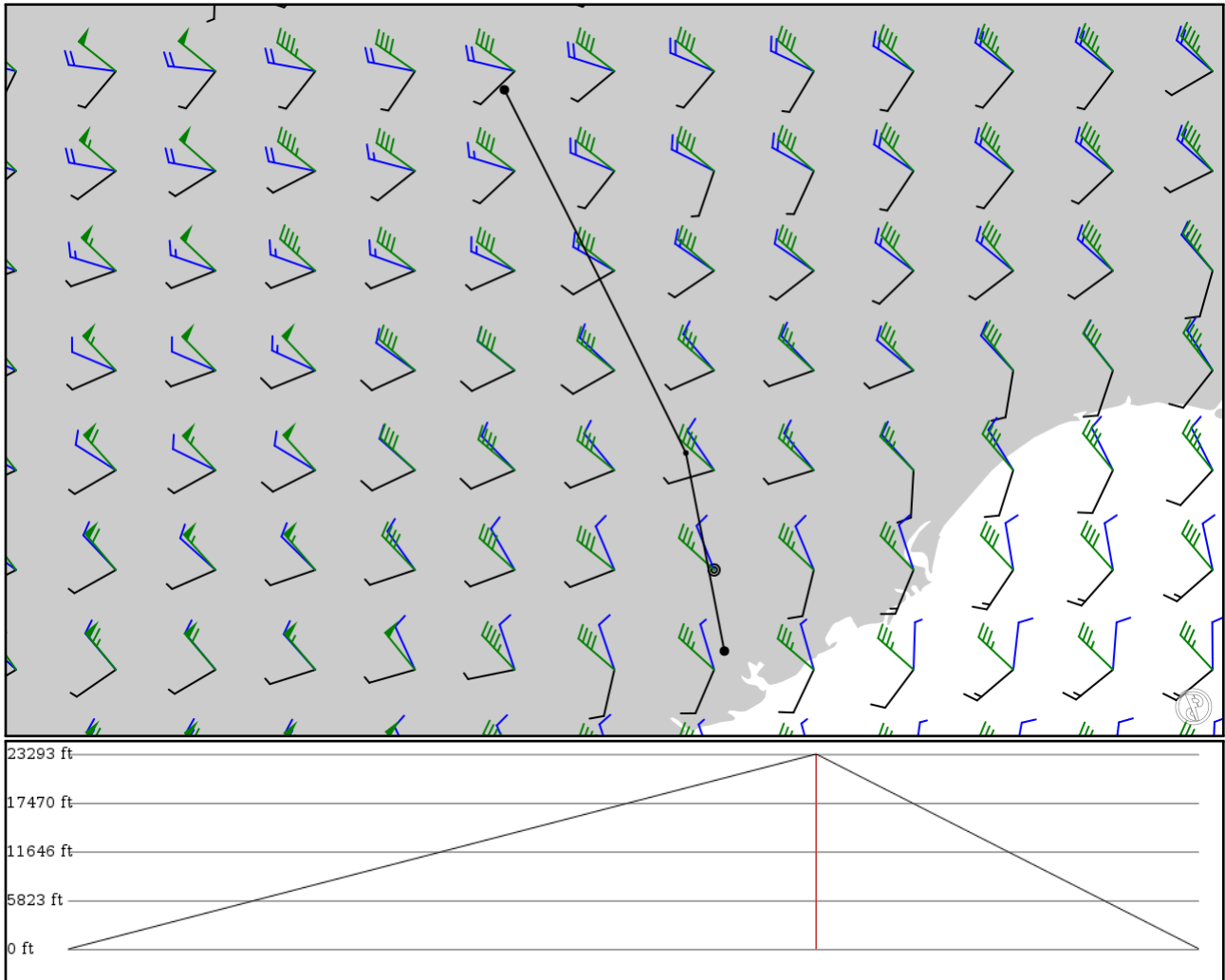
KCHS

Charleston AFB/Intl

2024/05/23 0411Z

KCLT MADLY KCHS

147.06 nm / 272.36 km



Notes

Basic altitude profile:

- Ascent Rate: 1000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 40000ft
- Cruise Speed: 420kts
- Descent Rate: 1000ft/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
KCLT APT	-	35.21380 -80.94850	0 ft 0 m	-	Charlotte Douglas Intl
MADLY FIX	-	33.71550 -80.19940	7,100 ft 2,164 m	97	-
KCHS APT	-	32.89810 -80.04060	0 ft 0 m	49	Charleston AFB/Intl

KCLT

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

Elevation: 748 ft / 228 m
Location: 35.213800 -80.948500
Magnetic Var: 8.056 W

METAR

KCLT 230352Z 24006KT 10SM SCT250 24/17 A3002 RMK AO2 SLP171 T02390167

TAF

KCLT 222347Z 2300/2406 21005KT P6SM SCT250 FM230400 20004KT P6SM SCT250 FM231600 23008KT P6SM SCT060 PROB30 2322/

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

KCHS

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 2

Elevation: 45 ft / 14 m
Location: 32.898100 -80.040600
Magnetic Var: 8.307 W

METAR

KCHS 230356Z 21005KT 10SM FEW250 22/18 A3006 RMK A02 SLP178 T02170183

TAF

TAF KCHS 222338Z 2300/2324 18005KT P6SM FEW250 FM230900 00000KT 6SM MIFG FEW008 SCT250 FM231400 25007KT P6SM SCT0

Frequencies

REC - 124.75 MHz - CHARLESTON ATIS	COM - 122.95 MHz - CHARLESTON UNICOM
GND - 121.90 MHz - CHARLESTON GROUND	TWR - 126.00 MHz - CHARLESTON TOWER
CLD - 127.32 MHz - CLEARANCE DELIVERY	DEP - 119.30 MHz - CHARLESTON DEPARTURE
DEP - 120.70 MHz - CHARLESTON DEPARTURE	APP - 119.30 MHz - CHARLESTON APPROACH
APP - 120.70 MHz - CHARLESTON APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	150 ft	9,015 ft	147.54	CONCRETE	0 ft	1,001 ft
	46 m	2,748 m	155.85		0 m	305 m
33	150 ft	9,015 ft	327.55	CONCRETE	0 ft	1,001 ft
	46 m	2,748 m	335.85		0 m	305 m
03	150 ft	7,016 ft	24.30	CONCRETE	0 ft	1,001 ft
	46 m	2,138 m	32.61		0 m	305 m
21	150 ft	7,016 ft	204.31	CONCRETE	0 ft	801 ft
	46 m	2,138 m	212.61		0 m	244 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	LOC-ILS	ICHS	109.70 MHz	18 nm	147.55	-	45 ft
				33 km	155.86		45 m
33	LOC-ILS	ICCI	108.90 MHz	18 nm	327.55	-	45 ft
				33 km	335.86		45 m
15	GS	ICHS	109.70 MHz	10 nm	147.55	3.00	45 ft
				19 km	155.86		45 m
33	GS	ICCI	108.90 MHz	10 nm	327.55	3.00	45 ft
				19 km	335.86		45 m