KCLT
Charlotte Douglas Intl

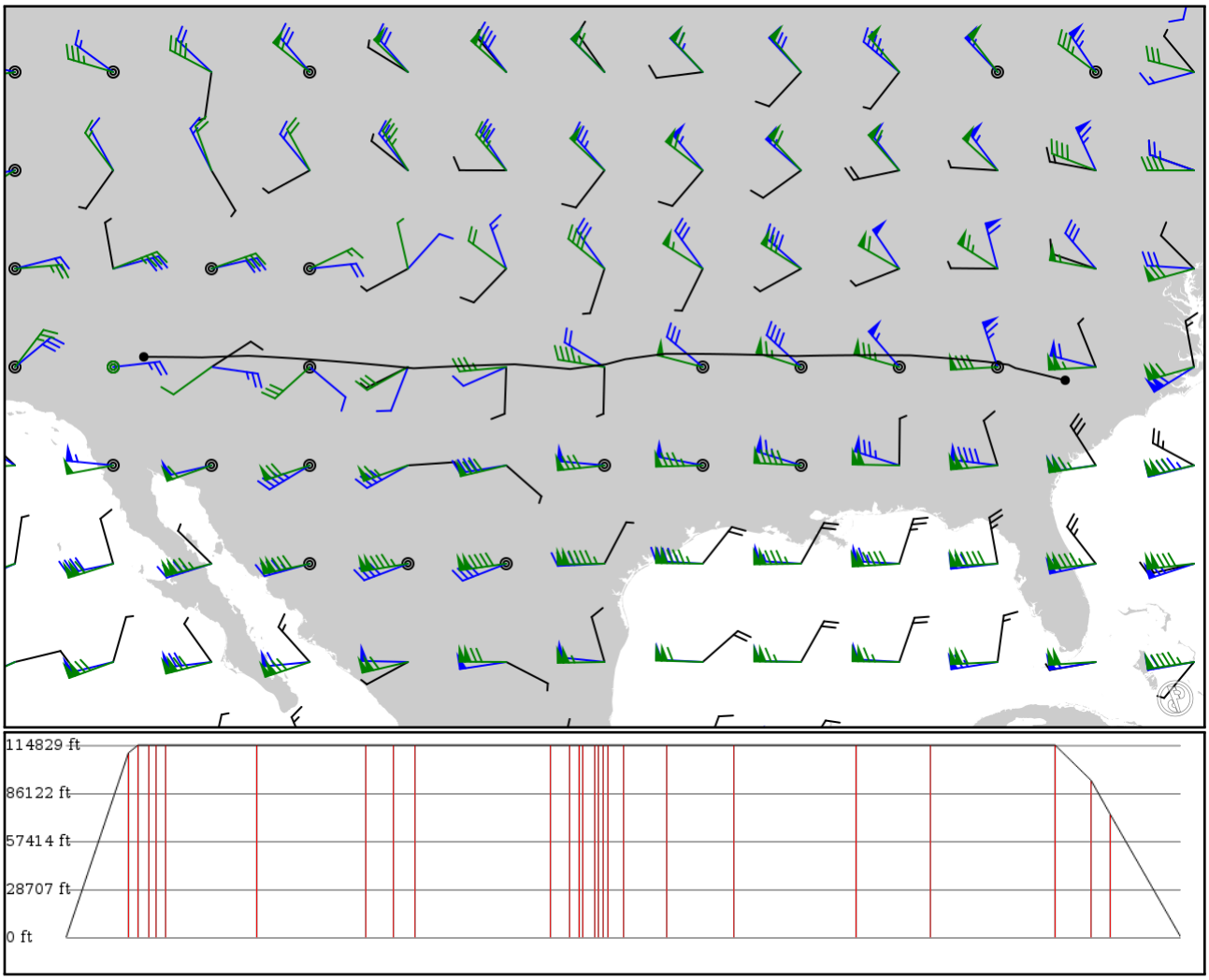
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KLAS
Mc Carran Intl

2024/03/19 0513Z

KCLT MUMMI **V185** SOT **V136** VXV **J46** TUL **V140** IFI **J8** FTI **J76** CUNDY KLAS

1676.36 nm / 3104.61 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
KCLT APT	- -	35.21397 -80.94859	0 ft 0 m	-	Charlotte Douglas Intl
MUMMI FIX	- -	35.66350 -82.79171	33,600 ft 10,241 m	94	-
SOT VOR	V185 AWY-LO	35.79011 -83.05236	35,000 ft 10,668 m	14	SNOWBIRD VORTAC
PITTE FIX	V136 AWY-LO	35.83553 -83.38047	35,000 ft 10,668 m	16	-
AUBRY FIX	V136 AWY-LO	35.86420 -83.59106	35,000 ft 10,668 m	10	-
VXV VOR	V136 AWY-LO	35.90483 -83.89472	35,000 ft 10,668 m	14	VOLUNTEER VORTAC
BNA VOR	J46 AWY-HI	36.13697 -86.68478	35,000 ft 10,668 m	136	NASHVILLE VORTAC
KIMEL FIX	J46 AWY-HI	36.12781 -90.08608	35,000 ft 10,668 m	164	-
ARG DME	J46 AWY-HI	36.11002 -90.95369	35,000 ft 10,668 m	42	WALNUT RIDGE VORTAC
PLIED FIX	J46 AWY-HI	36.13321 -91.61150	35,000 ft 10,668 m	31	-
TUL VOR	J46 AWY-HI	36.19625 -95.78808	35,000 ft 10,668 m	202	TULSA VORTAC
SEARS FIX	V140 AWY-LO	36.11847 -96.38231	35,000 ft 10,668 m	29	-
YARNS FIX	V140 AWY-LO	36.07760 -96.68506	35,000 ft 10,668 m	14	-
IBAAH FIX	V140 AWY-LO	36.06277 -96.79354	35,000 ft 10,668 m	5	-
GULLI FIX	V140 AWY-LO	36.01195 -97.14434	35,000 ft 10,668 m	17	-
LASTS FIX	V140 AWY-LO	35.99590 -97.27354	35,000 ft 10,668 m	6	-
ALTOR FIX	V140 AWY-LO	35.96049 -97.41082	35,000 ft 10,668 m	7	-
WENDY FIX	V140 AWY-LO	35.92503 -97.54753	35,000 ft 10,668 m	6	-
IFI VOR	V140 AWY-LO	35.80528 -98.00392	35,000 ft 10,668 m	23	KINGFISHER VORTAC
DANKS FIX	J8 AWY-HI	35.63046 -99.32568	35,000 ft 10,668 m	65	-
BGD VOR	J8 AWY-HI	35.80708 -101.38214	35,000 ft 10,668 m	100	BORGER VORTAC
FTI VOR	J8 AWY-HI	35.65756 -105.13558	35,000 ft 10,668 m	183	FORT UNION VORTAC
TANER FIX	J76 AWY-HI	35.86827 -107.42849	35,000 ft 10,668 m	112	-
TBC DME	J76 AWY-HI	36.12131 -111.26959	35,000 ft 10,668 m	187	TUBA CITY VORTAC
CORKR FIX	J76 AWY-HI	36.08396 -112.40036	28,600 ft 8,717 m	54	-
CUNDY FIX	J76 AWY-HI	36.06009 -112.99241	22,400 ft 6,828 m	28	-
KLAS APT	- -	36.08097 -115.15345	0 ft 0 m	104	Mc Carran Intl

KCLT

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

Elevation: 748 ft / 228 m
Location: 35.213800 -80.948500
Magnetic Var: 8.046 W

METAR

KCLT 190452Z 32015G27KT 10SM CLR 05/M10 A3001 RMK AO2 PK WND 33027/0446 SLP178 T00501100 401610050

TAF

TAF KCLT 182320Z 1900/2006 32014G22KT P6SM OVC080 FM190700 32009KT P6SM SKC FM191700 24009KT P6SM SKC

Frequencies

REC - 121.15 MHz - ATIS (ARRIVAL)
COM - 122.95 MHz - UNICOM
GND - 121.80 MHz - CHARLOTTE GROUND
TWR - 133.35 MHz - CHARLOTTE TOWER
TWR - 118.10 MHz - CHARLOTTE TOWER
DEP - 128.32 MHz - CHARLOTTE DEPARTURE
DEP - 120.50 MHz - CHARLOTTE DEPARTURE
APP - 134.75 MHz - CHARLOTTE APPROACH
APP - 126.15 MHz - CHARLOTTE APPROACH
APP - 120.50 MHz - CHARLOTTE APPROACH

REC - 132.10 MHz - ATIS (DEPARTURE)
CLD - 127.15 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - CHARLOTTE GROUND
TWR - 126.40 MHz - CHARLOTTE TOWER
DEP - 134.75 MHz - CHARLOTTE DEPARTURE
DEP - 124.00 MHz - CHARLOTTE DEPARTURE
DEP - 120.05 MHz - CHARLOTTE DEPARTURE
APP - 128.32 MHz - CHARLOTTE APPROACH
APP - 124.00 MHz - CHARLOTTE APPROACH
APP - 120.05 MHz - CHARLOTTE APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18R	151 ft 46 m	9,008 ft 2,746 m	175.98 184.03	CONCRETE	0 ft 0 m	0 ft 0 m
36L	151 ft 46 m	9,008 ft 2,746 m	355.98 4.03	CONCRETE	0 ft 0 m	0 ft 0 m
18C	151 ft 46 m	10,009 ft 3,051 m	175.98 184.03	CONCRETE	0 ft 0 m	0 ft 0 m
36C	151 ft 46 m	10,009 ft 3,051 m	355.98 4.03	CONCRETE	0 ft 0 m	0 ft 0 m
18L	151 ft 46 m	8,686 ft 2,648 m	176.00 184.04	ASPHALT	0 ft 0 m	0 ft 0 m
36R	151 ft 46 m	8,686 ft 2,648 m	356.00 4.04	ASPHALT	0 ft 0 m	0 ft 0 m
05	151 ft 46 m	7,510 ft 2,289 m	48.35 56.39	ASPHALT	0 ft 0 m	148 ft 45 m
23	151 ft 46 m	7,510 ft 2,289 m	228.36 236.40	ASPHALT	0 ft 0 m	148 ft 45 m

Approach Navaids

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

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	LOC-ILS	ICLT	110.95 MHz	18 nm 33 km	48.37 56.42	-	749 ft 749 m
18C	LOC-ILS	IPEP	111.30 MHz	18 nm 33 km	175.98 184.03	-	748 ft 748 m
18L	LOC-ILS	IVKQ	110.35 MHz	18 nm 33 km	176.00 184.05	-	748 ft 748 m
18R	LOC-ILS	IRGS	110.15 MHz	18 nm 33 km	175.98 184.03	-	748 ft 748 m
23	LOC-ILS	IAPU	109.50 MHz	18 nm 33 km	228.35 236.40	-	748 ft 748 m
36C	LOC-ILS	IDQG	111.70 MHz	18 nm 33 km	355.98 4.03	-	748 ft 748 m
36L	LOC-ILS	IXUU	110.15 MHz	18 nm 33 km	355.98 4.03	-	748 ft 748 m
36R	LOC-ILS	IBQC	108.90 MHz	18 nm 33 km	356.00 4.05	-	748 ft 748 m
05	GS	ICLT	110.95 MHz	10 nm 19 km	48.35 56.40	3.00	748 ft 748 m
18C	GS	IPEP	111.30 MHz	10 nm 19 km	175.98 184.03	3.00	748 ft 748 m
18L	GS	IVKQ	110.35 MHz	10 nm 19 km	176.00 184.05	3.00	748 ft 748 m
18R	GS	IRGS	110.15 MHz	10 nm 19 km	175.98 184.03	3.00	748 ft 748 m
23	GS	IAPU	109.50 MHz	10 nm 19 km	228.35 236.40	3.00	748 ft 748 m
36C	GS	IDQG	111.70 MHz	10 nm 19 km	355.98 4.03	3.00	748 ft 748 m
36L	GS	IXUU	110.15 MHz	10 nm 19 km	355.98 4.03	3.00	748 ft 748 m
36R	GS	IBQC	108.90 MHz	10 nm 19 km	356.00 4.05	3.00	748 ft 748 m

KLAS

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

Elevation: 2,180 ft / 664 m
Location: 36.080700 -115.153000
Magnetic Var: 11.062 E

METAR

KLAS 190456Z 22005KT 10SM SCT110 SCT160 16/03 A3007 RMK AO2 SLP172 T01560033 $

TAF

TAF AMD KLAS 190324Z 1903/2006 20007KT P6SM SCT100 BKN150 TEMPO 1903/1905 16010G18KT FM190500 24006KT P6SM SCT100

Frequencies

REC - 132.40 MHz - D-ATIS
CLD - 118.00 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - LAS VEGAS GROUND
TWR - 118.75 MHz - LAS VEGAS TOWER
APP - 125.60 MHz - LAS VEGAS APPROACH
DEP - 125.90 MHz - LAS VEGAS DEPARTURE

COM - 122.95 MHz - UNICOM
GND - 121.10 MHz - LAS VEGAS GROUND
TWR - 128.80 MHz - LAS VEGAS TOWER
TWR - 119.90 MHz - LAS VEGAS TOWER
APP - 125.02 MHz - LAS VEGAS APPROACH
DEP - 133.95 MHz - LAS VEGAS DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	151 ft 46 m	14,525 ft 4,427 m	89.92 78.86	CONCRETE	2,152 ft 656 m	0 ft 0 m
26R	151 ft 46 m	14,525 ft 4,427 m	269.95 258.89	CONCRETE	1,414 ft 431 m	374 ft 114 m
08R	151 ft 46 m	10,535 ft 3,211 m	89.92 78.86	CONCRETE	0 ft 0 m	381 ft 116 m
26L	151 ft 46 m	10,535 ft 3,211 m	269.94 258.88	CONCRETE	0 ft 0 m	381 ft 116 m
01R	151 ft 46 m	9,779 ft 2,981 m	24.82 13.76	CONCRETE	486 ft 148 m	400 ft 122 m
19L	151 ft 46 m	9,779 ft 2,981 m	204.83 193.77	CONCRETE	876 ft 267 m	394 ft 120 m
01L	151 ft 46 m	8,998 ft 2,743 m	24.82 13.76	CONCRETE	584 ft 178 m	400 ft 122 m
19R	151 ft 46 m	8,998 ft 2,743 m	204.83 193.77	CONCRETE	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	ICUA	110.10 MHz	18 nm 33 km	- -	-	2,092 ft 2,092 m
26R	DME	ILAS	110.30 MHz	18 nm 33 km	- -	-	2,203 ft 2,203 m
01L	LOC-ILS	ICUA	110.10 MHz	18 nm 33 km	24.83 13.77	-	2,180 ft 2,180 m
26L	LOC-ILS	IRLE	111.50 MHz	18 nm 33 km	269.93 258.87	-	2,180 ft 2,180 m
26R	LOC-ILS	ILAS	110.30 MHz	18 nm 33 km	269.94 258.88	-	2,180 ft 2,180 m
01L	GS	ICUA	110.10 MHz	10 nm 19 km	24.83 13.77	3.40	2,180 ft 2,180 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	GS	IRLE	111.50 MHz	10 nm	269.93	3.00	2,180 ft
				19 km	258.87		2,180 m
26R	GS	ILAS	110.30 MHz	10 nm	269.94	3.00	2,180 ft
				19 km	258.88		2,180 m