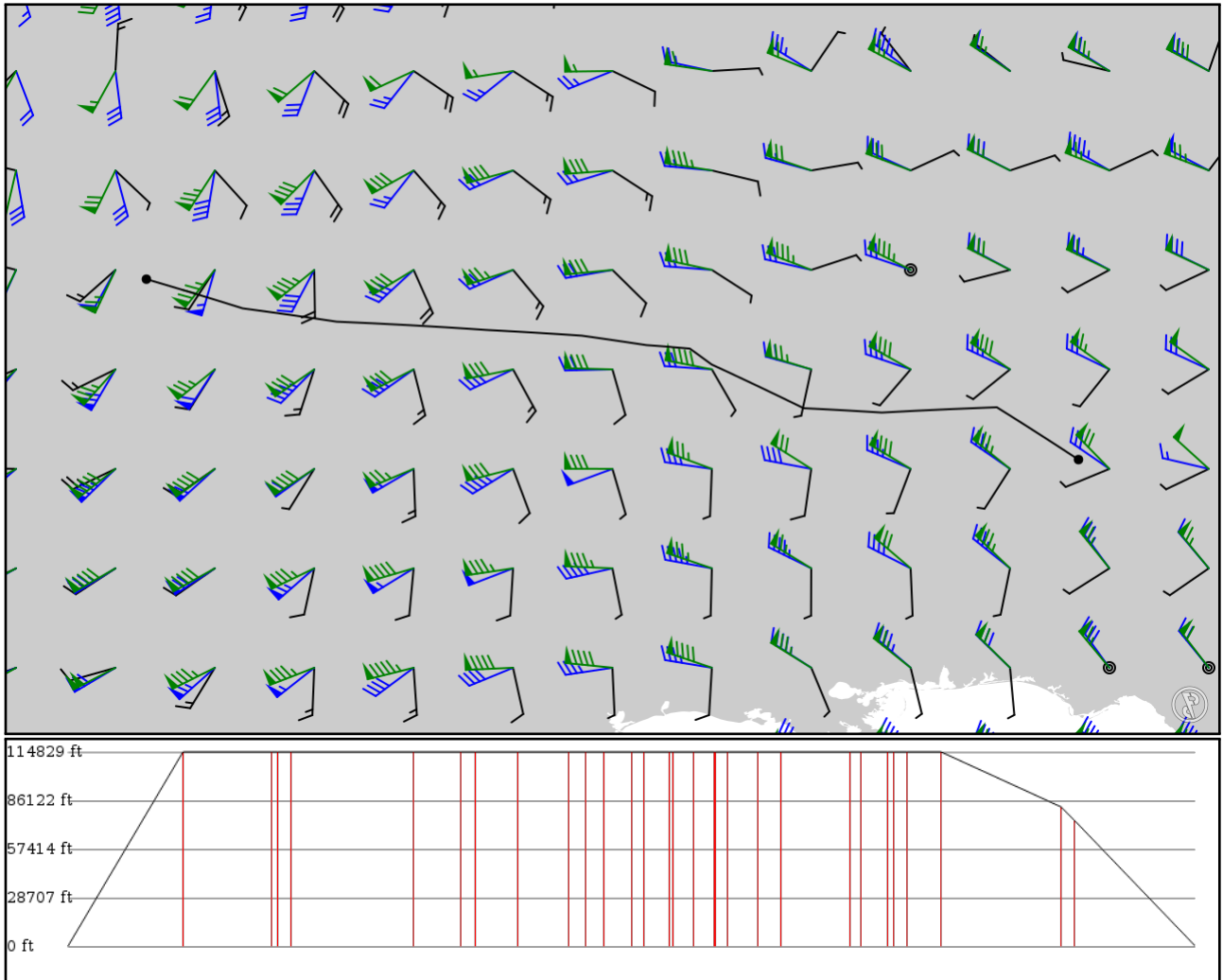


2024/06/05 1954Z

KCOS LAA **V10** GCK **J28** ICT **V350** CNU **V132** SGF **V159** ARG **V140** JEDAT KCHA

989.20 nm / 1831.99 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
KCOS	-	38.80720	0 ft	-	Colorado Springs Municipal
APT	-	-104.70200	0 m		
LAA	-	38.19710	35,000 ft	101	LAMAR
VOR	-	-102.68800	10,668 m		
ADEER	V10	37.97100	35,000 ft	77	-
FIX	AWY-LO	-101.07400	10,668 m		
LACKA	V10	37.95310	35,000 ft	5	-
FIX	AWY-LO	-100.95300	10,668 m		
GCK	V10	37.91900	35,000 ft	10	GARDEN CITY
VOR	AWY-LO	-100.72500	10,668 m		
KYLER	J28	37.80200	35,000 ft	107	-
FIX	AWY-HI	-98.45560	10,668 m		
ICT	J28	37.74530	35,000 ft	41	WICHITA
VOR	AWY-HI	-97.58380	10,668 m		
NUTME	V350	37.73090	35,000 ft	12	-
FIX	AWY-LO	-97.31130	10,668 m		
OBDAW	V350	37.68720	35,000 ft	36	-
FIX	AWY-LO	-96.54350	10,668 m		
CNU	V350	37.62620	35,000 ft	45	CHANUTE
VOR	AWY-LO	-95.59350	10,668 m		
KUVPE	V132	37.58230	35,000 ft	14	-
FIX	AWY-LO	-95.28370	10,668 m		
NALLY	V132	37.53600	35,000 ft	15	-
FIX	AWY-LO	-94.96340	10,668 m		
NASHE	V132	37.46110	35,000 ft	24	-
FIX	AWY-LO	-94.45820	10,668 m		
ZEDDI	V132	37.42880	35,000 ft	10	-
FIX	AWY-LO	-94.24500	10,668 m		
OZARK	V132	37.39400	35,000 ft	22	-
FIX	AWY-LO	-93.76820	10,668 m		
JACCK	V132	37.38680	35,000 ft	2	-
FIX	AWY-LO	-93.70840	10,668 m		
SGF	V132	37.35590	35,000 ft	17	SPRINGFIELD
VOR	AWY-LO	-93.33400	10,668 m		
FORDS	V159	37.15410	35,000 ft	17	-
FIX	AWY-LO	-93.05580	10,668 m		
REEVE	V159	37.13160	35,000 ft	2	-
FIX	AWY-LO	-93.02490	10,668 m		
DGD	V159	37.02350	35,000 ft	9	DOGWOOD
VOR	AWY-LO	-92.87690	10,668 m		
AVARR	V159	36.79860	35,000 ft	26	-
FIX	AWY-LO	-92.39320	10,668 m		
ZERTY	V159	36.62950	35,000 ft	20	-
FIX	AWY-LO	-92.03370	10,668 m		
ARG	V159	36.11000	35,000 ft	60	WALNUT RIDGE
VOR	AWY-LO	-90.95370	10,668 m		
HEPUL	V140	36.09980	35,000 ft	9	-
FIX	AWY-LO	-90.74840	10,668 m		
LUMXU	V140	36.07490	35,000 ft	22	-
FIX	AWY-LO	-90.27640	10,668 m		
BLITH	V140	36.06820	35,000 ft	5	-
FIX	AWY-LO	-90.15350	10,668 m		
HELMS	V140	36.05560	35,000 ft	10	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-89.93290	10,668 m		
DYR	V140	36.01860	35,000 ft	29	DYERSBURG
VOR	AWY-LO	-89.31770	10,668 m		
BEVEE	V140	36.12050	25,100 ft	105	-
FIX	AWY-LO	-87.14430	7,650 m		
JEDAT	V140	36.12910	22,700 ft	11	-
FIX	AWY-LO	-86.91090	6,919 m		
KCHA	-	35.03570	0 ft	106	Lovell Field
APT	-	-85.20350	0 m		

## KCOS

Region: UNITED STATES

Timezone: AMERICA/DENVER

Runways: 3

Elevation: 6,200 ft / 1,890 m

Location: 38.807200 -104.702000

Magnetic Var: 7.317 E

## METAR

KCOS 051854Z 19009KT 10SM CLR 29/02 A3006 RMK A02 SLP089 T02890022

## TAF

KCOS 051721Z 0518/0618 16008KT P6SM SKC FM052200 17012KT P6SM SKC FM060300 03008KT P6SM SKC FM061700 16007KT P6SM

## Frequencies

REC - 125.00 MHz - ATIS

CLD - 134.45 MHz - CLNC DEL

TWR - 133.15 MHz - SPRINGS TWR

DEP - 124.00 MHz - SPRINGS DEP

COM - 122.95 MHz - UNICOM

GND - 121.70 MHz -

APP - 118.50 MHz - SPRINGS APP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17L	150 ft	13,522 ft	180.07	CONCRETE	0 ft	400 ft
	46 m	4,122 m	172.76		0 m	122 m
35R	150 ft	13,522 ft	0.07	CONCRETE	0 ft	400 ft
	46 m	4,122 m	352.76		0 m	122 m
17R	150 ft	11,039 ft	180.06	ASPHALT	0 ft	1,001 ft
	46 m	3,365 m	172.74		0 m	305 m
35L	150 ft	11,039 ft	0.06	ASPHALT	0 ft	1,001 ft
	46 m	3,365 m	352.74		0 m	305 m
13	150 ft	8,267 ft	135.20	ASPHALT	0 ft	0 ft
	46 m	2,520 m	127.88		0 m	0 m
31	150 ft	8,267 ft	315.21	ASPHALT	358 ft	200 ft
	46 m	2,520 m	307.90		109 m	61 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	ILPI	109.10 MHz	18 nm	-	-	6,088 ft
				33 km	-		6,088 m
17L	LOC-ILS	ILPI	109.10 MHz	18 nm	180.08	-	6,065 ft
				33 km	172.76		6,065 m
35L	LOC-ILS	ICOS	109.90 MHz	18 nm	0.05	-	6,190 ft
				33 km	352.74		6,190 m
17L	GS	ILPI	109.10 MHz	10 nm	180.15	3.00	6,177 ft
				19 km	172.84		6,177 m
35L	GS	ICOS	109.90 MHz	10 nm	0.11	3.00	6,052 ft
				19 km	352.79		6,052 m

## KCHA

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 2

Elevation: 683 ft / 208 m  
Location: 35.035700 -85.203500  
Magnetic Var: 5.270 W

## METAR

KCHA 051853Z 19007KT 10SM SCT027TCU SCT048 BKN110 BKN150 BKN250 28/22 A2987 RMK A02 SLP105 TCU W T02830217

## TAF

TAF KCHA 051720Z 0518/0618 19008KT P6SM BKN050 FM052200 22010KT P6SM FEW040 SCT070 FM060600 18003KT P6SM BKN035 PROB30 060800 18003KT P6SM BKN035

## Frequencies

COM - 118.30 MHz - CTAF	COM - 122.95 MHz - UNICOM
REC - 119.85 MHz - ATIS	GND - 121.70 MHz - CHATTANOOGA GROUND
TWR - 118.30 MHz - CHATTANOOGA TOWER	APP - 119.20 MHz - CHATTANOOGA APPROACH
APP - 125.10 MHz - CHATTANOOGA APPROACH	APP - 126.50 MHz - ATLANTA ARTCC APPROACH
DEP - 119.20 MHz - CHATTANOOGA DEPARTURE	DEP - 125.10 MHz - CHATTANOOGA DEPARTURE
CLD - 120.95 MHz - CLEARANCE DELIVERY	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	148 ft	5,584 ft	145.60	ASPHALT	112 ft	0 ft
	45 m	1,702 m	150.87		34 m	0 m
32	148 ft	5,584 ft	325.61	ASPHALT	581 ft	0 ft
	45 m	1,702 m	330.88		177 m	0 m
02	148 ft	7,420 ft	16.64	ASPHALT	0 ft	46 ft
	45 m	2,262 m	21.91		0 m	14 m
20	148 ft	7,420 ft	196.65	ASPHALT	7 ft	0 ft
	45 m	2,262 m	201.92		2 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	LOC-ILS	ICGW	108.30 MHz	18 nm	16.64	-	683 ft
				33 km	21.91		683 m
20	LOC-ILS	ICHA	109.50 MHz	18 nm	196.64	-	683 ft
				33 km	201.91		683 m
02	GS	ICGW	108.30 MHz	10 nm	16.64	3.00	683 ft
				19 km	21.91		683 m
20	GS	ICHA	109.50 MHz	10 nm	196.64	3.00	683 ft
				19 km	201.91		683 m