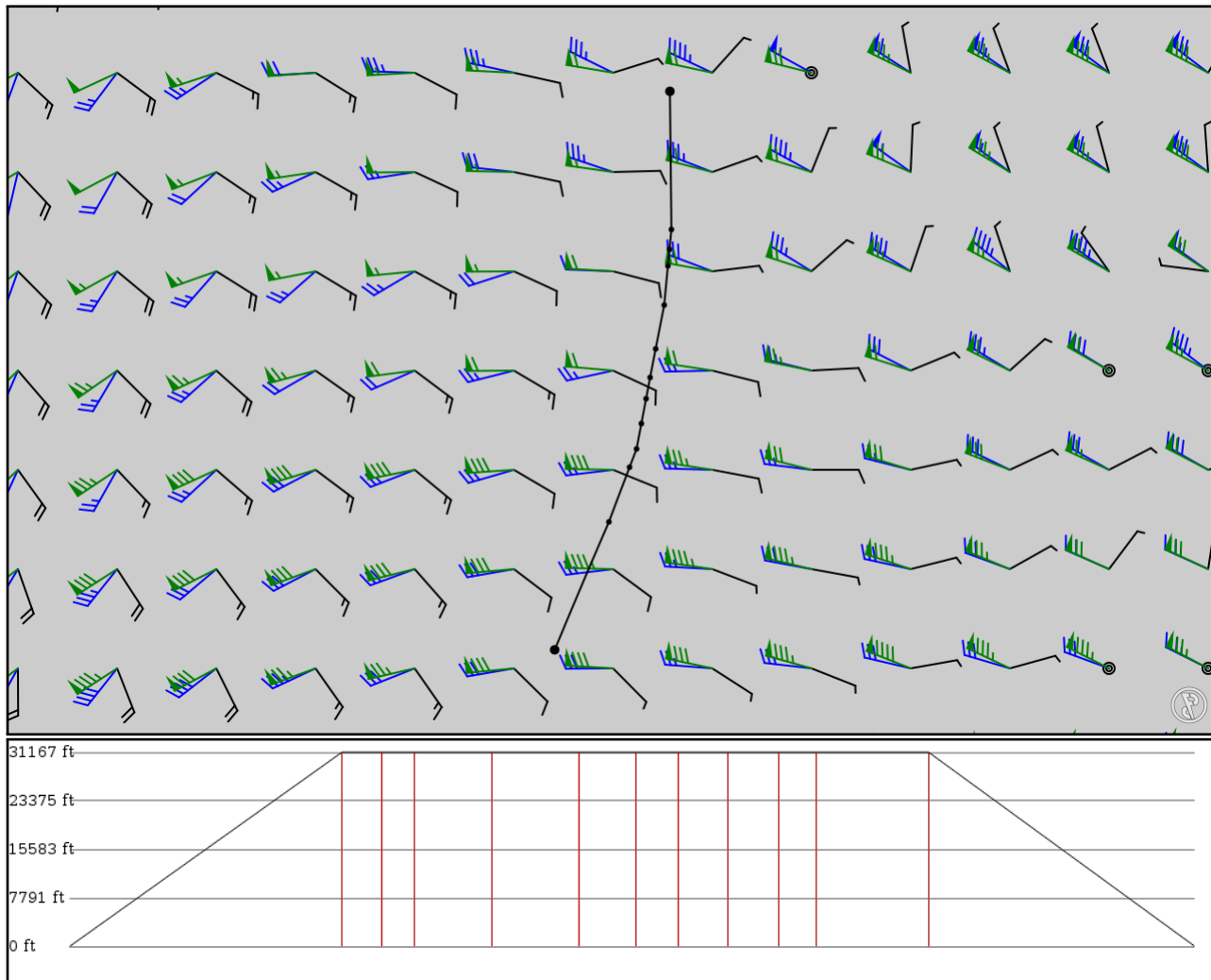


2024/05/03 0502Z

KCBG KASPR **V13** LMN KMKC

394.17 nm / 730.00 km



Notes

Basic altitude profile:

- Ascent Rate: 721ft/min
- Ascent Speed: 75kts
- Cruise Altitude: 9500ft
- Cruise Speed: 122kts
- Descent Rate: 450ft/min
- Descent Speed: 55kts

Options:

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

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KCBG	-	45.55750	0 ft	-	Cambridge Muni
APT	-	-93.26420	0 m		
KASPR	-	43.96550	9,500 ft	95	-
FIX	-	-93.24700	2,896 m		
NEWRY	V13	43.73600	9,500 ft	13	-
FIX	AWY-LO	-93.26910	2,896 m		
GOTHE	V13	43.54660	9,500 ft	11	-
FIX	AWY-LO	-93.28720	2,896 m		
MCW	V13	43.09480	9,500 ft	27	MASON CITY
VOR	AWY-LO	-93.32990	2,896 m		
ALOCK	V13	42.59010	9,500 ft	30	-
FIX	AWY-LO	-93.42870	2,896 m		
SHODR	V13	42.26090	9,500 ft	19	-
FIX	AWY-LO	-93.49240	2,896 m		
NEVAD	V13	42.01610	9,500 ft	14	-
FIX	AWY-LO	-93.53900	2,896 m		
ANKEN	V13	41.72960	9,500 ft	17	-
FIX	AWY-LO	-93.59360	2,896 m		
DSM	V13	41.43760	9,500 ft	17	DES MOINES
VOR	AWY-LO	-93.64860	2,896 m		
WIVEY	V13	41.22650	9,500 ft	13	-
FIX	AWY-LO	-93.72940	2,896 m		
LMN	V13	40.59670	9,500 ft	39	LAMONI
VOR	AWY-LO	-93.96760	2,896 m		
KMKC	-	39.12300	0 ft	93	Charles B Wheeler Downtown
APT	-	-94.59280	0 m		

KMKC

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

Elevation: 759 ft / 231 m
Location: 39.123000 -94.592800
Magnetic Var: 1.059 E

METAR

KMKC 030354Z 01003KT 10SM OVC041 15/13 A2993 RMK A02 SLP130 T01500128 \$

TAF

KMKC 022333Z 0300/0324 32007KT P6SM VCSH OVC014 TEMPO 0300/0302 6SM -SHRA FM030300 36008KT P6SM BKN050 FM031200 0

Frequencies

REC - 120.75 MHz - ATIS
CLD - 121.90 MHz - CLNC DEL
TWR - 133.30 MHz - DOWNTOWN TWR
COM - 122.95 MHz - UNICOM
GND - 121.90 MHz -
APP - 119.00 MHz - APP/DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	151 ft	7,013 ft	12.64	CONCRETE	0 ft	374 ft
	46 m	2,137 m	11.58		0 m	114 m
19	151 ft	7,013 ft	192.64	CONCRETE	200 ft	0 ft
	46 m	2,137 m	191.58		61 m	0 m
03	151 ft	5,052 ft	38.32	ASPHALT	499 ft	0 ft
	46 m	1,540 m	37.26		152 m	0 m
21	151 ft	5,052 ft	218.32	ASPHALT	699 ft	0 ft
	46 m	1,540 m	217.26		213 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	LOC-ILS	IGQR	111.75 MHz	18 nm	35.25	-	759 ft
				33 km	34.19		759 m
19	LOC-ILS	IMKC	109.90 MHz	18 nm	192.64	-	748 ft
				33 km	191.58		748 m
03	GS	IGQR	111.75 MHz	10 nm	38.64	3.00	743 ft
				19 km	37.58		743 m
19	GS	IMKC	109.90 MHz	10 nm	193.28	3.00	749 ft
				19 km	192.22		749 m