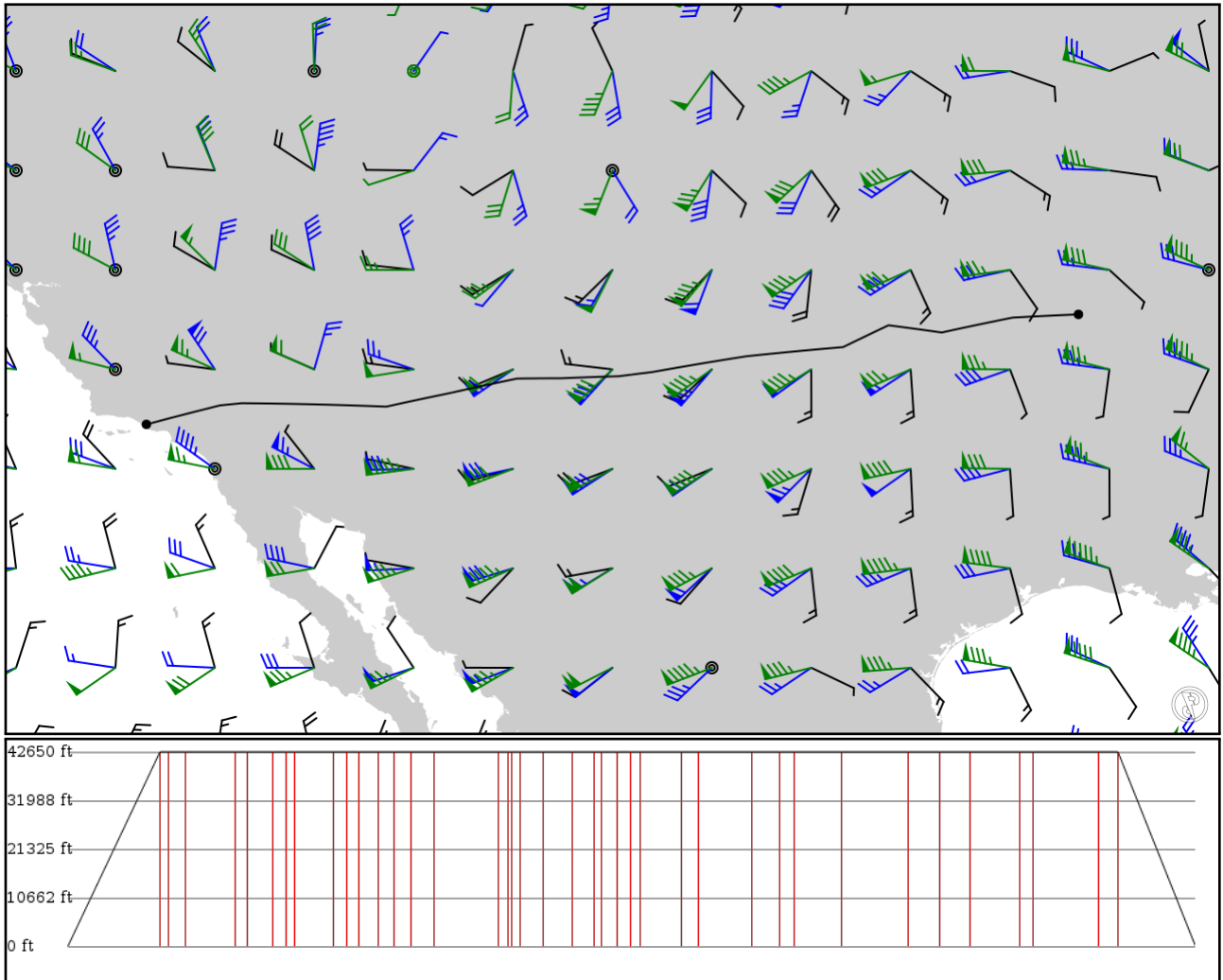


2024/05/01 0143Z

KCMA NULMN V12 INW V291 GUP V60 CROIN V62 ZIASE V263 FTI V190 MMB V12 CARON V190 PER V516 OSW KSGF

1283.01 nm / 2376.13 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 190kts
- Cruise Altitude: 13000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

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
KCMA	-	34.21370	0 ft	-	CAMARILLO
APT	-	-119.09400	0 m		
NULMN	-	34.73730	13,000 ft	105	-
FIX	-	-117.06600	3,962 m		
BASAL	V12	34.75780	13,000 ft	10	-
FIX	AWY-LO	-116.86200	3,962 m		
HEC	V12	34.79700	13,000 ft	19	HECTOR
VOR	AWY-LO	-116.46300	3,962 m		
ZELMA	V12	34.78330	13,000 ft	55	-
FIX	AWY-LO	-115.33000	3,962 m		
CLIPP	V12	34.77830	13,000 ft	14	-
FIX	AWY-LO	-115.04600	3,962 m		
EED	V12	34.76600	13,000 ft	28	NEEDLES
VOR	AWY-LO	-114.47400	3,962 m		
MEMPE	V12	34.75790	13,000 ft	15	-
FIX	AWY-LO	-114.15100	3,962 m		
JAWSY	V12	34.75300	13,000 ft	8	-
FIX	AWY-LO	-113.96900	3,962 m		
MUMTE	V12	34.72460	13,000 ft	44	-
FIX	AWY-LO	-113.06500	3,962 m		
CHILY	V12	34.71350	13,000 ft	14	-
FIX	AWY-LO	-112.76200	3,962 m		
DRK	V12	34.70260	13,000 ft	13	DRAKE (PRESCOTT)
VOR	AWY-LO	-112.48000	3,962 m		
JUWSO	V12	34.79680	13,000 ft	21	-
FIX	AWY-LO	-112.05000	3,962 m		
OATES	V12	34.87010	13,000 ft	17	-
FIX	AWY-LO	-111.70900	3,962 m		
HOXOL	V12	34.95260	13,000 ft	19	-
FIX	AWY-LO	-111.32000	3,962 m		
INW	V12	35.06160	13,000 ft	26	WINSLOW
VOR	AWY-LO	-110.79500	3,962 m		
FORAN	V291	35.37280	13,000 ft	72	-
FIX	AWY-LO	-109.36700	3,962 m		
GRINT	V291	35.42260	13,000 ft	11	-
FIX	AWY-LO	-109.13000	3,962 m		
DODAH	V291	35.43910	13,000 ft	3	-
FIX	AWY-LO	-109.05100	3,962 m		
GUP	V291	35.47600	13,000 ft	8	GALLUP
VOR	AWY-LO	-108.87300	3,962 m		
HERET	V60	35.48130	13,000 ft	25	-
FIX	AWY-LO	-108.34200	3,962 m		
CROIN	V60	35.48480	13,000 ft	33	-
FIX	AWY-LO	-107.65200	3,962 m		
CABZO	V62	35.50440	13,000 ft	24	-
FIX	AWY-LO	-107.15600	3,962 m		
PEDRA	V62	35.51130	13,000 ft	9	-
FIX	AWY-LO	-106.97000	3,962 m		
ZIASE	V62	35.52360	13,000 ft	17	-
FIX	AWY-LO	-106.61400	3,962 m		
HEGMI	V263	35.53330	13,000 ft	14	-
FIX	AWY-LO	-106.31000	3,962 m		
SAF	V263	35.54050	13,000 ft	11	SANTA FE

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	-106.06500	3,962 m		
FTI	V263	35.65760	13,000 ft	45	FORT UNION
VOR	AWY-LO	-105.13600	3,962 m		
HOLSU	V190	35.72850	13,000 ft	19	-
FIX	AWY-LO	-104.73600	3,962 m		
ASOYA	V190	35.93550	13,000 ft	60	-
FIX	AWY-LO	-103.51800	3,962 m		
OWUPO	V190	36.03750	13,000 ft	31	-
FIX	AWY-LO	-102.88800	3,962 m		
DHT	V190	36.09150	13,000 ft	16	DALHART
VOR	AWY-LO	-102.54500	3,962 m		
REPPA	V190	36.20410	13,000 ft	54	-
FIX	AWY-LO	-101.43400	3,962 m		
MMB	V190	36.34370	13,000 ft	75	MITBEE (GAGE)
VOR	AWY-LO	-99.88010	3,962 m		
TUZXY	V12	36.64440	13,000 ft	34	-
FIX	AWY-LO	-99.25980	3,962 m		
CARON	V12	36.94510	13,000 ft	35	-
FIX	AWY-LO	-98.62760	3,962 m		
FIRET	V190	36.78960	13,000 ft	56	-
FIX	AWY-LO	-97.46670	3,962 m		
PER	V190	36.74650	13,000 ft	14	PIONEER (PONCA CITY)
VOR	AWY-LO	-97.16020	3,962 m		
TYROE	V516	37.06270	13,000 ft	73	-
FIX	AWY-LO	-95.67100	3,962 m		
OSW	V516	37.15750	13,000 ft	23	OSWEGO
VOR	AWY-LO	-95.20360	3,962 m		
KSGF	-	37.24560	0 ft	86	Springfield Branson National Airport
APT	-	-93.38840	0 m		

KSGF

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

Elevation: 1,268 ft / 386 m
Location: 37.245600 -93.388400
Magnetic Var: 0.280 E

METAR

KSGF 010052Z 16011KT 10SM BKN075 BKN090 24/13 A2981 RMK A02 SLP085 T02440133

TAF

TAF KSGF 302320Z 0100/0124 17012G18KT P6SM FEW050 SCT250 FM010400 17010KT P6SM SCT050 BKN150 TEMPO 0106/0110 4SM

Frequencies

REC - 135.12 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 123.67 MHz - CLEARANCE DELIVERY	GND - 121.90 MHz - SPRINGFIELD GROUND
TWR - 119.90 MHz - SPRINGFIELD TOWER	APP - 121.10 MHz - SPRINGFIELD APPROACH
DEP - 121.10 MHz - SPRINGFIELD DEPARTURE	APP - 124.95 MHz - SPRINGFIELD APPROACH
DEP - 124.95 MHz - SPRINGFIELD DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	150 ft	8,005 ft	141.90	CONCRETE	0 ft	200 ft
	46 m	2,440 m	141.62		0 m	61 m
32	150 ft	8,005 ft	321.91	CONCRETE	0 ft	0 ft
	46 m	2,440 m	321.63		0 m	0 m
02	150 ft	7,014 ft	21.71	CONCRETE	0 ft	0 ft
	46 m	2,138 m	21.43		0 m	0 m
20	150 ft	7,014 ft	201.72	CONCRETE	0 ft	0 ft
	46 m	2,138 m	201.44		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IGWA	109.70 MHz	18 nm	-	-	1,286 ft
				33 km	-		1,286 m
02	LOC-ILS	ISGF	109.90 MHz	18 nm	21.72	-	1,268 ft
				33 km	21.44		1,268 m
14	LOC-ILS	IGWA	109.70 MHz	18 nm	141.91	-	1,268 ft
				33 km	141.63		1,268 m
02	GS	ISGF	109.90 MHz	10 nm	21.72	3.00	1,268 ft
				19 km	21.44		1,268 m
14	GS	IGWA	109.70 MHz	10 nm	141.91	3.00	1,268 ft
				19 km	141.63		1,268 m