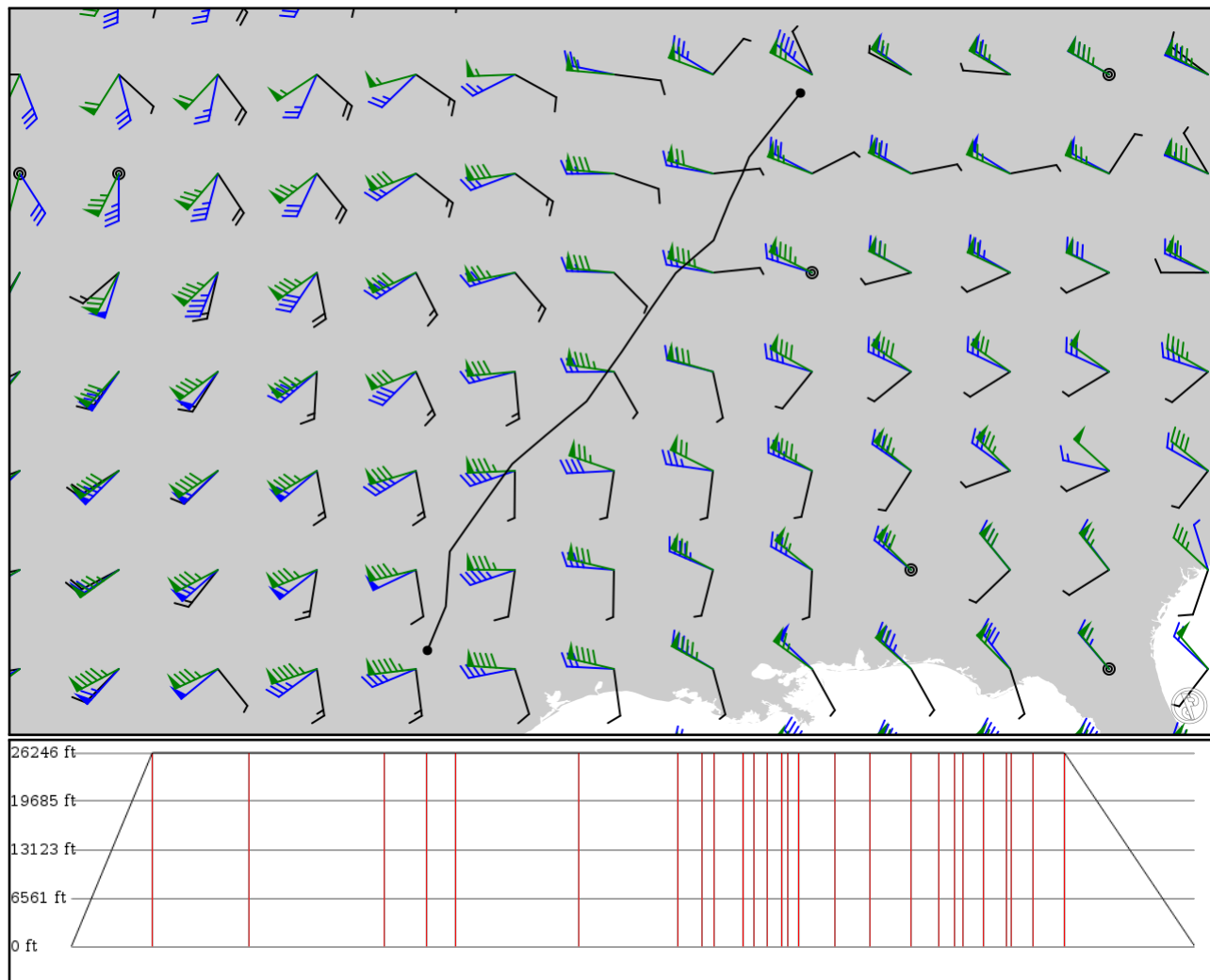


2024/05/05 0724Z

KGTU ACT **J21** FUZ **J105** SGF **V63** CVA KMSN

863.10 nm / 1598.46 km



Notes

Basic altitude profile:

- Ascent Rate: 500ft/min
- Ascent Speed: 150kts
- Cruise Altitude: 8000ft
- Cruise Speed: 150kts
- Descent Rate: 500ft/min
- Descent Speed: 125kts

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
KG TU	-	30.67880	0 ft	-	Georgetown Muni
APT	-	-97.67950	0 m		
ACT	-	31.66220	8,000 ft	62	WACO
VOR	-	-97.26900	2,438 m		
FUZ	J21	32.88950	8,000 ft	73	RANGER (DALLAS-FORT WORTH)
VOR	AWY-HI	-97.17940	2,438 m		
PLATE	J105	34.38000	8,000 ft	103	-
FIX	AWY-HI	-96.12390	2,438 m		
MLC	J105	34.84940	8,000 ft	32	MC ALESTER
VOR	AWY-HI	-95.78230	2,438 m		
KLUBB	J105	35.12040	8,000 ft	22	-
FIX	AWY-HI	-95.46670	2,438 m		
RZC	J105	36.24640	8,000 ft	94	RAZORBACK (FAYETTEVILLE)
VOR	AWY-HI	-94.12140	2,438 m		
SGF	J105	37.35590	8,000 ft	76	SPRINGFIELD
VOR	AWY-HI	-93.33400	2,438 m		
PLADD	V63	37.62620	8,000 ft	18	-
FIX	AWY-LO	-93.15290	2,438 m		
RUZSU	V63	37.75750	8,000 ft	8	-
FIX	AWY-LO	-93.06440	2,438 m		
LOJOV	V63	38.08950	8,000 ft	22	-
FIX	AWY-LO	-92.83890	2,438 m		
ROACH	V63	38.20650	8,000 ft	7	-
FIX	AWY-LO	-92.75890	2,438 m		
BARTI	V63	38.36340	8,000 ft	10	-
FIX	AWY-LO	-92.65100	2,438 m		
JICDA	V63	38.51740	8,000 ft	10	-
FIX	AWY-LO	-92.54470	2,438 m		
MIZZU	V63	38.58590	8,000 ft	4	-
FIX	AWY-LO	-92.49740	2,438 m		
GIBSN	V63	38.71660	8,000 ft	8	-
FIX	AWY-LO	-92.40640	2,438 m		
HLV	V63	39.11350	8,000 ft	27	HALLSVILLE
VOR	AWY-LO	-92.12820	2,438 m		
ALHAH	V63	39.45130	8,000 ft	27	-
FIX	AWY-LO	-91.74070	2,438 m		
UIN	V63	39.84790	8,000 ft	31	QUINCY
VOR	AWY-LO	-91.27890	2,438 m		
COBOD	V63	40.18740	8,000 ft	21	-
FIX	AWY-LO	-91.14310	2,438 m		
KAMIW	V63	40.37300	8,000 ft	11	-
FIX	AWY-LO	-91.06840	2,438 m		
EBSER	V63	40.48250	8,000 ft	6	-
FIX	AWY-LO	-91.02230	2,438 m		
BRL	V63	40.72350	8,000 ft	15	BURLINGTON
VOR	AWY-LO	-90.92590	2,438 m		
KOOLL	V63	41.00880	8,000 ft	18	-
FIX	AWY-LO	-90.78920	2,438 m		
KALKY	V63	41.06820	8,000 ft	3	-
FIX	AWY-LO	-90.76060	2,438 m		
MZV	V63	41.32090	8,000 ft	16	MOLINE
VOR	AWY-LO	-90.63820	2,438 m		
CVA	V63	41.70850	8,000 ft	24	DAVENPORT

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	-90.48330	2,438 m		
KMSN	-	43.14030	0 ft	99	Dane County Rgnl-Truax Field
APT	-	-89.33700	0 m		

KMSN

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 3

Elevation: 886 ft / 270 m
Location: 43.140300 -89.337000
Magnetic Var: 3.153 W

METAR

KMSN 050653Z AUTO 32003KT 10SM CLR 09/06 A3000 RMK AO2 SLP157 T00940061

TAF

TAF KMSN 050541Z 0506/0606 33007KT P6SM SKC FM051000 33005KT 6SM BR SKC FM051200 36006KT P6SM SKC FM051700 02006KT

Frequencies

REC - 124.65 MHz - MADISON ATIS	COM - 119.30 MHz - MADISON CTAF
COM - 122.95 MHz - MADISON UNICOM	CLD - 121.62 MHz - MADISON CLEARANCE DELIVERY
GND - 121.90 MHz - MADISON GROUND	TWR - 119.30 MHz - MADISON TOWER
APP - 133.30 MHz - LONE ROCK RCAG	APP - 120.10 MHz - MADISON APPROACH
APP - 135.45 MHz - MADISON APPROACH	APP - 135.45 MHz - MADISON DEPARTURE
DEP - 120.10 MHz - MADISON DEPARTURE	DEP - 133.30 MHz - LONE ROCK RCAG

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	150 ft	5,843 ft	136.55	CONCRETE	482 ft	0 ft
	46 m	1,781 m	139.70		147 m	0 m
32	150 ft	5,843 ft	316.56	CONCRETE	0 ft	49 ft
	46 m	1,781 m	319.71		0 m	15 m
18	150 ft	9,023 ft	181.95	CONCRETE	400 ft	597 ft
	46 m	2,750 m	185.10		122 m	182 m
36	150 ft	9,023 ft	1.95	CONCRETE	1,010 ft	0 ft
	46 m	2,750 m	5.10		308 m	0 m
03	150 ft	7,203 ft	28.89	CONCRETE	436 ft	0 ft
	46 m	2,196 m	32.04		133 m	0 m
21	150 ft	7,203 ft	208.90	CONCRETE	0 ft	0 ft
	46 m	2,196 m	212.05		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
21	DME	DQJ	111.55 MHz	18 nm	-	-	855 ft
				33 km	-		855 m
18	LOC-ILS	IDSZ	110.10 MHz	18 nm	181.95	-	887 ft
				33 km	185.10		887 m
21	LOC-ILS	IDQJ	111.55 MHz	18 nm	208.90	-	887 ft
				33 km	212.05		887 m
36	LOC-ILS	IMSN	110.10 MHz	18 nm	1.95	-	887 ft
				33 km	5.10		887 m
18	GS	IDSZ	110.10 MHz	10 nm	181.95	3.00	887 ft
				19 km	185.10		887 m
21	GS	IDQJ	111.55 MHz	10 nm	208.90	3.00	887 ft
				19 km	212.05		887 m
36	GS	IMSN	110.10 MHz	10 nm	1.95	3.00	887 ft
				19 km	5.10		887 m