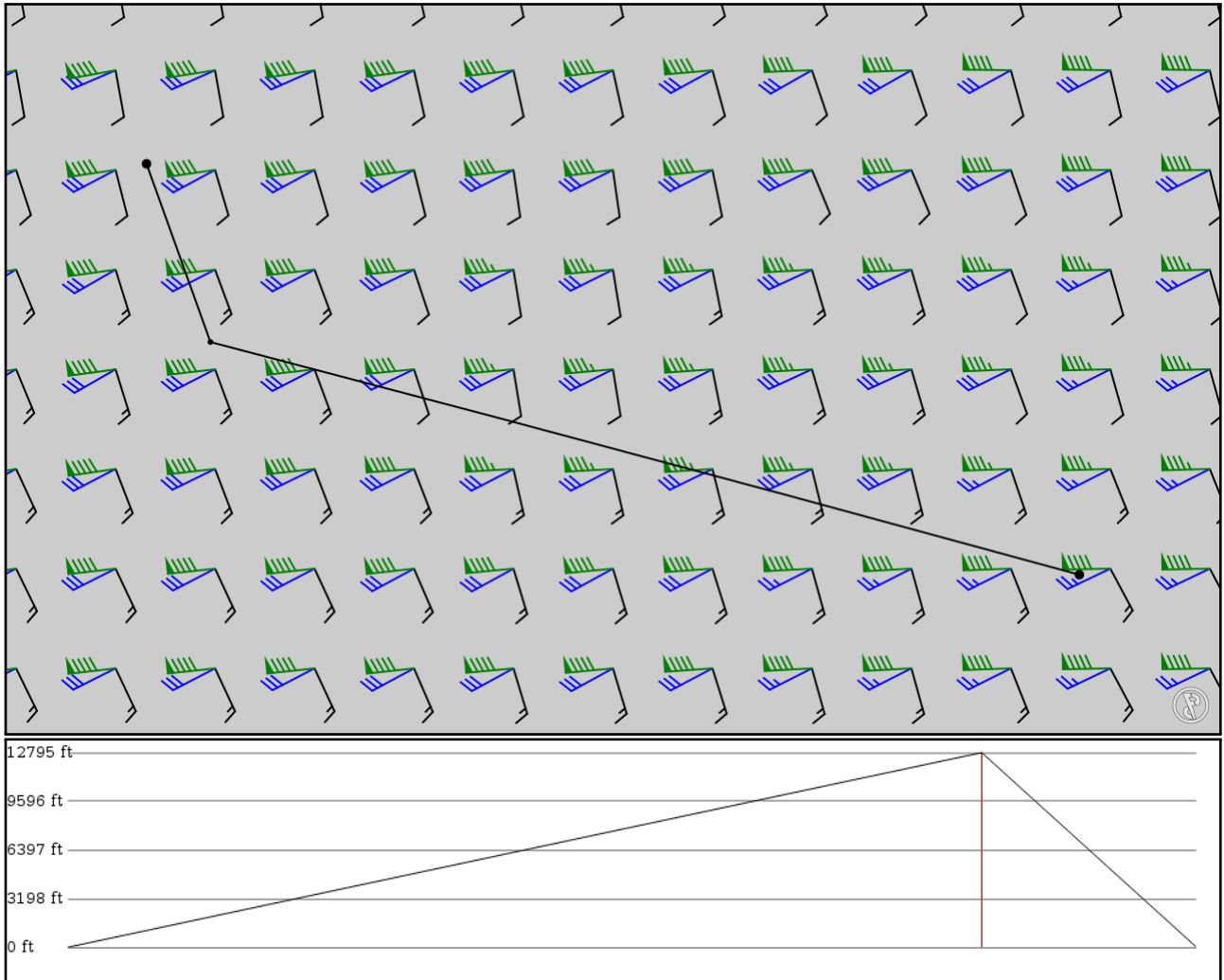


2024/06/08 1819Z

KVCT EMBOW KSAT

97.99 nm / 181.47 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
KVCT	-	28.85190	0 ft	-	VICTORIA RGNL
APT	-	-96.91740	0 m		
EMBOW	-	29.23820	3,900 ft	79	-
FIX	-	-98.36300	1,189 m		
KSAT	-	29.53410	0 ft	18	San Antonio Intl
APT	-	-98.46930	0 m		

KVCT

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

Elevation: 115 ft / 35 m
Location: 28.851900 -96.917400
Magnetic Var: 2.654 E

METAR

KVCT 081751Z 13010G16KT 10SM FEW035 SCT043 32/23 A2991 RMK A02 SLP126 T03220233 10322 20233 58014

TAF

KVCT 081724Z 0818/0918 11012KT P6SM FEW030 FEW040 FM090200 14008KT P6SM SKC FM090900 15005KT 5SM BR SCT020

Frequencies

REC - 119.02 MHz - ASOS

COM - 122.70 MHz - CTAF/UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	75 ft	4,196 ft	67.26	ASPHALT	0 ft	0 ft
	23 m	1,279 m	64.60		0 m	0 m
24	75 ft	4,196 ft	247.26	ASPHALT	0 ft	419 ft
	23 m	1,279 m	244.61		0 m	128 m
13L	150 ft	9,107 ft	132.60	ASPHALT	0 ft	151 ft
	46 m	2,776 m	129.94		0 m	46 m
31R	150 ft	9,107 ft	312.61	ASPHALT	0 ft	1,227 ft
	46 m	2,776 m	309.95		0 m	374 m
18	75 ft	4,916 ft	179.88	ASPHALT	0 ft	0 ft
	23 m	1,498 m	177.22		0 m	0 m
36	75 ft	4,916 ft	359.88	ASPHALT	0 ft	600 ft
	23 m	1,498 m	357.22		0 m	183 m
13R	150 ft	4,646 ft	132.59	CONCRETE	430 ft	0 ft
	46 m	1,416 m	129.94		131 m	0 m
31L	150 ft	4,646 ft	312.60	CONCRETE	551 ft	0 ft
	46 m	1,416 m	309.94		168 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	DME	IVCT	111.50 MHz	18 nm	-	-	117 ft
				33 km	-		117 m
13L	LOC-ILS	IVCT	111.50 MHz	18 nm	132.61	-	115 ft
				33 km	129.96		115 m
13L	GS	IVCT	111.50 MHz	10 nm	133.20	3.00	111 ft
				19 km	130.55		111 m

KSAT

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

Elevation: 809 ft / 247 m
Location: 29.534100 -98.469300
Magnetic Var: 3.521 E

METAR

KSAT 081754Z 13008G17KT 10SM FEW043 FEW250 33/22 A2991 RMK A02 FOR TWR

TAF

TAF KSAT 081720Z 0818/0924 14013KT P6SM FEW040 FM090600 14010KT P6SM FEW250 FM090900 15007KT P6SM BKN020 FM091600

Frequencies

REC - 118.90 MHz - SAN ANTONIO ATIS	COM - 122.95 MHz - SAN ANTONIO UNICOM
GND - 121.90 MHz - SAN ANTONIO GROUND	TWR - 119.80 MHz - SAN ANTONIO TOWER
APP - 124.45 MHz - SAN ANTONIO APPROACH	APP - 128.05 MHz - SAN ANTONIO APPROACH
APP - 118.05 MHz - SAN ANTONIO APPROACH	APP - 125.10 MHz - SAN ANTONIO APPROACH
DEP - 124.45 MHz - SAN ANTONIO DEPARTURE	DEP - 128.05 MHz - SAN ANTONIO DEPARTURE
DEP - 118.05 MHz - SAN ANTONIO DEPARTURE	DEP - 125.10 MHz - SAN ANTONIO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04	150 ft	8,516 ft	40.63	CONCRETE	0 ft	200 ft
	46 m	2,596 m	37.11		0 m	61 m
22	150 ft	8,516 ft	220.63	CONCRETE	0 ft	400 ft
	46 m	2,596 m	217.11		0 m	122 m
13R	150 ft	8,507 ft	131.75	CONCRETE	0 ft	210 ft
	46 m	2,593 m	128.23		0 m	64 m
31L	150 ft	8,507 ft	311.76	CONCRETE	0 ft	197 ft
	46 m	2,593 m	308.24		0 m	60 m
13L	100 ft	5,519 ft	131.78	ASPHALT	0 ft	154 ft
	30 m	1,682 m	128.26		0 m	47 m
31R	100 ft	5,519 ft	311.79	ASPHALT	0 ft	0 ft
	30 m	1,682 m	308.26		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13R	DME	IANT	110.90 MHz	18 nm	-	-	791 ft
				33 km	-		791 m
31L	DME	IIZR	110.90 MHz	18 nm	-	-	809 ft
				33 km	-		809 m
04	LOC-ILS	ISAT	109.70 MHz	18 nm	40.63	-	809 ft
				33 km	37.11		809 m
13R	LOC-ILS	IANT	110.90 MHz	18 nm	131.76	-	809 ft
				33 km	128.24		809 m
31L	LOC-ILS	IIZR	110.90 MHz	18 nm	311.76	-	809 ft
				33 km	308.24		809 m
04	GS	ISAT	109.70 MHz	10 nm	40.63	3.00	809 ft
				19 km	37.11		809 m
13R	GS	IANT	110.90 MHz	10 nm	131.76	3.00	809 ft
				19 km	128.24		809 m
31L	GS	IIZR	110.90 MHz	10 nm	311.76	3.00	809 ft
				19 km	308.24		809 m