

KSAT

San Antonio Intl

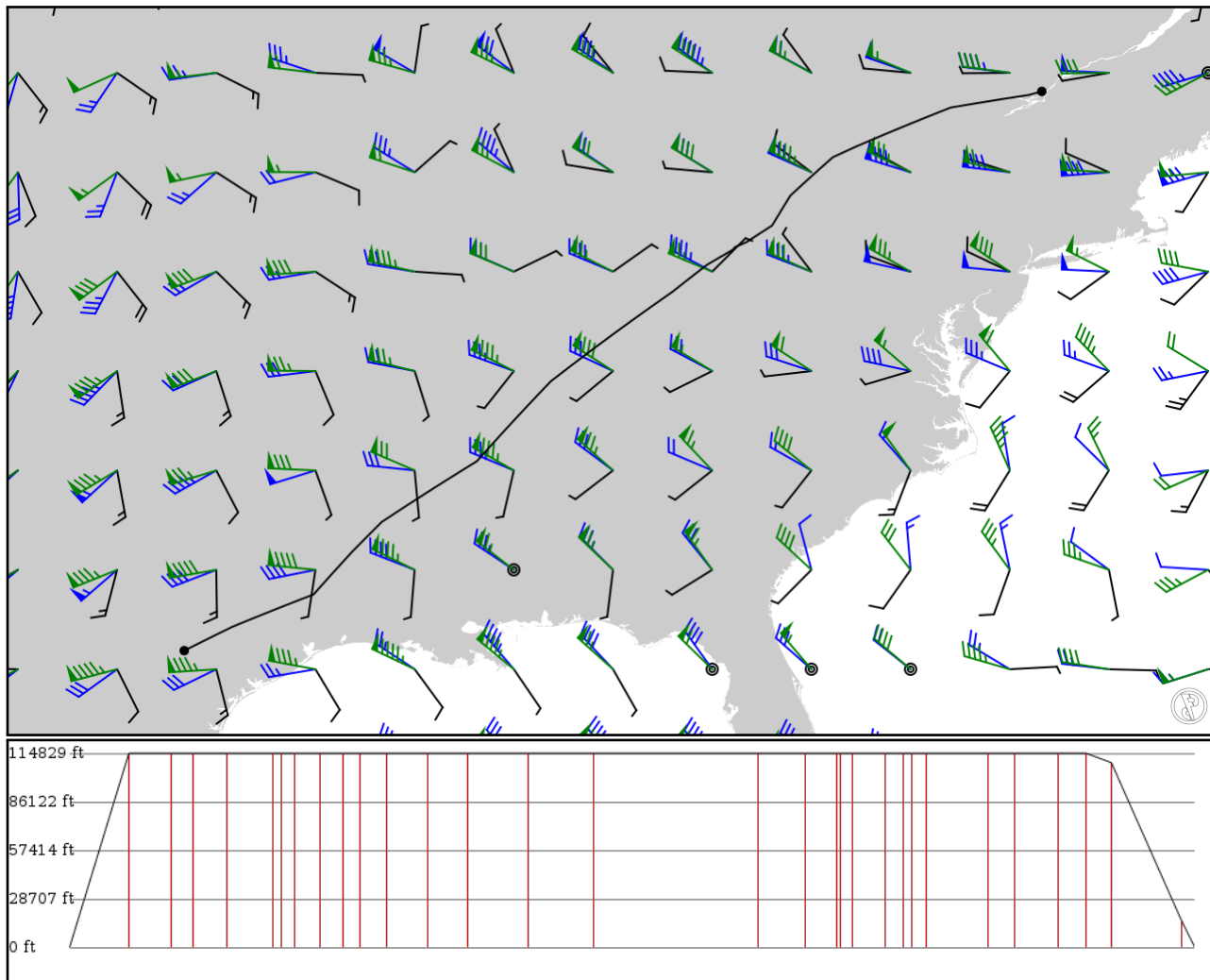
CSK3

Montreal Mascouche

2024/05/16 0331Z

KSAT PUFER J27 LFK V407 ELD J29 MEM Q29 DUTSH BRUNZ V14 DJB V443 YQO Q806 YUL CSK3

1555.53 nm / 2880.85 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 310kts
- 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
KSAT	-	29.53410	0 ft	-	San Antonio Intl
APT	-	-98.46930	0 m		
PUFER	-	30.22400	35,000 ft	83	-
FIX	-	-97.07560	10,668 m		
BAZBL	J27	30.63780	35,000 ft	58	-
FIX	AWY-HI	-96.05670	10,668 m		
STELL	J27	30.84010	35,000 ft	29	-
FIX	AWY-HI	-95.54420	10,668 m		
LFK	J27	31.16240	35,000 ft	46	LUFKIN
VOR	AWY-HI	-94.71680	10,668 m		
EXITE	V407	32.01220	35,000 ft	64	-
FIX	AWY-LO	-93.95120	10,668 m		
MOKPE	V407	32.16170	35,000 ft	11	-
FIX	AWY-LO	-93.81450	10,668 m		
EMG	V407	32.40040	35,000 ft	18	ELM GROVE
VOR	AWY-LO	-93.59510	10,668 m		
INWAM	V407	32.86150	35,000 ft	36	-
FIX	AWY-LO	-93.13930	10,668 m		
ELD	V407	33.25620	35,000 ft	30	EL DORADO
VOR	AWY-LO	-92.74390	10,668 m		
SUTTN	J29	33.50580	35,000 ft	24	-
FIX	AWY-HI	-92.36480	10,668 m		
TOZZI	J29	33.87250	35,000 ft	35	-
FIX	AWY-HI	-91.80050	10,668 m		
CARIN	J29	34.45420	35,000 ft	57	-
FIX	AWY-HI	-90.88700	10,668 m		
MEM	J29	35.01510	35,000 ft	55	MEMPHIS
VOR	AWY-HI	-89.98320	10,668 m		
OMDUE	Q29	36.12980	35,000 ft	83	-
FIX	AWY-HI	-88.96990	10,668 m		
SIDAE	Q29	37.33330	35,000 ft	90	-
FIX	AWY-HI	-87.83330	10,668 m		
CREEP	Q29	39.92090	35,000 ft	226	-
FIX	AWY-HI	-84.30870	10,668 m		
KLYNE	Q29	40.69850	35,000 ft	65	-
FIX	AWY-HI	-83.31230	10,668 m		
DUTSH	Q29	41.14070	35,000 ft	43	-
FIX	AWY-HI	-82.55350	10,668 m		
BRUNZ	-	41.21010	35,000 ft	4	-
FIX	-	-82.50030	10,668 m		
DJB	V14	41.35810	35,000 ft	17	DRYER
VOR	AWY-LO	-82.16200	10,668 m		
FAILS	V443	41.83780	35,000 ft	44	-
FIX	AWY-LO	-81.42030	10,668 m		
CRPSL	V443	42.21680	35,000 ft	24	-
FIX	AWY-LO	-81.19010	10,668 m		
DOGGS	V443	42.39420	35,000 ft	11	-
FIX	AWY-LO	-81.08140	10,668 m		
YQO	V443	42.70680	35,000 ft	20	AYLMER
VOR	AWY-LO	-80.88800	10,668 m		
BOBTA	Q806	43.81440	35,000 ft	85	-
FIX	AWY-HI	-79.65860	10,668 m		
ILUSI	Q806	44.14640	35,000 ft	37	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-78.93220	10,668 m		
DEBUM	Q806	44.64220	35,000 ft	58	-
FIX	AWY-HI	-77.75500	10,668 m		
GOTIP	Q806	44.96420	35,000 ft	38	-
FIX	AWY-HI	-76.96470	10,668 m		
TUKIR	Q806	45.25190	33,300 ft	35	-
FIX	AWY-HI	-76.23900	10,150 m		
YUL	Q806	45.61570	4,800 ft	98	MONTREAL
VOR	AWY-HI	-73.97090	1,463 m		
CSK3	-	45.71850	0 ft	16	Montreal Mascouche
APT	-	-73.59790	0 m		

KSAT

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

Elevation: 809 ft / 247 m
Location: 29.534100 -98.469300
Magnetic Var: 3.528 E

METAR

KSAT 160251Z 13010KT 10SM BKN090 BKN250 27/16 A2977 RMK A02 SLP061 T02670161 53015 \$

TAF

TAF KSAT 160302Z 1603/1706 13013KT P6SM SCT120 BKN250 FM160700 13011KT P6SM OVC030 FM160800 13007KT P6SM OVC015 FM160900 13005KT P6SM OVC015

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	37.10		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	128.22		0 m	64 m
31L	150 ft	8,507 ft	311.76	CONCRETE	0 ft	197 ft
	46 m	2,593 m	308.23		0 m	60 m
13L	100 ft	5,519 ft	131.78	ASPHALT	0 ft	154 ft
	30 m	1,682 m	128.25		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	37.10		809 m
13R	LOC-ILS	IANT	110.90 MHz	18 nm	131.76	-	809 ft
				33 km	128.23		809 m
31L	LOC-ILS	IIZR	110.90 MHz	18 nm	311.76	-	809 ft
				33 km	308.23		809 m
04	GS	ISAT	109.70 MHz	10 nm	40.63	3.00	809 ft
				19 km	37.10		809 m
13R	GS	IANT	110.90 MHz	10 nm	131.76	3.00	809 ft
				19 km	128.23		809 m
31L	GS	IIZR	110.90 MHz	10 nm	311.76	3.00	809 ft
				19 km	308.23		809 m