

KROW

Roswell International Air Center

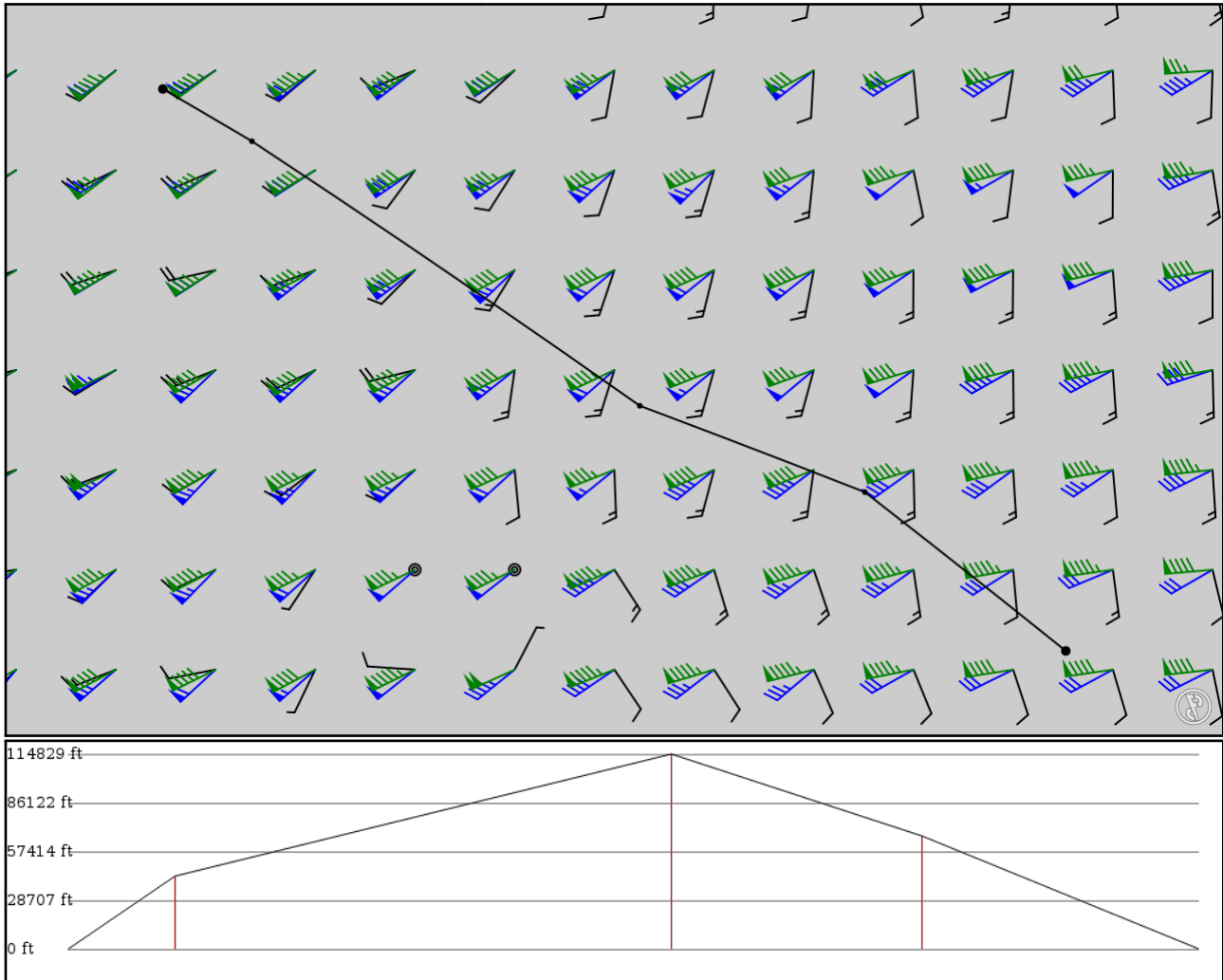
KSAT

San Antonio Intl

2024/05/05 1321Z

KROW UNNOS **Q20** FUSCO **J15** JCT KSAT

386.83 nm / 716.42 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
KROW APT	-	33.30000 -104.53100	0 ft 0 m	-	Roswell International Air Center
UNNOS FIX	-	32.95000 -103.93300	13,100 ft 3,993 m	36	-
FUSCO FIX	Q20 AWY-HI	31.17690 -101.32900	35,000 ft 10,668 m	170	-
JCT VOR	J15 AWY-HI	30.59800 -99.81750	20,300 ft 6,187 m	85	JUNCTION
KSAT APT	-	29.53410 -98.46930	0 ft 0 m	94	San Antonio Intl

KROW

Region: UNITED STATES

Timezone: AMERICA/DENVER

Runways: 2

Elevation: 3,670 ft / 1,119 m

Location: 33.300000 -104.531000

Magnetic Var: 6.795 E

METAR

KROW 051304Z 17007KT 10SM BKN025 OVC033 16/11 A2999 RMK A02 T01560106

TAF

KROW 051140Z 0512/0612 15006KT P6SM SCT025 OVC035 TEMPO 0512/0516 SCT015 BKN025 FM051600 16011KT P6SM SCT030 FM05

Frequencies

REC - 128.45 MHz - ATIS

COM - 122.95 MHz - UNICOM

GND - 121.90 MHz -

APP - 120.35 MHz - APP/DEP

COM - 118.50 MHz - CTAF

CLD - 132.87 MHz - CLNC DEL

TWR - 118.50 MHz -

APP - 119.60 MHz - APP/DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17	98 ft	10,009 ft	180.12	ASPHALT	0 ft	0 ft
	30 m	3,051 m	173.33		0 m	0 m
35	98 ft	10,009 ft	0.12	ASPHALT	0 ft	0 ft
	30 m	3,051 m	353.33		0 m	0 m
03	200 ft	13,013 ft	44.98	CONCRETE	0 ft	0 ft
	61 m	3,966 m	38.19		0 m	0 m
21	200 ft	13,013 ft	225.00	CONCRETE	0 ft	0 ft
	61 m	3,966 m	218.20		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
21	DME	IROW	109.90 MHz	18 nm	-	-	3,690 ft
				33 km	-		3,690 m
21	LOC-ILS	IROW	109.90 MHz	18 nm	224.99	-	3,670 ft
				33 km	218.20		3,670 m
21	GS	IROW	109.90 MHz	10 nm	224.99	2.70	3,670 ft
				19 km	218.20		3,670 m

KSAT

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

Elevation: 809 ft / 247 m
Location: 29.534100 -98.469300
Magnetic Var: 3.531 E

METAR

KSAT 051251Z 03005KT 10SM FEW050 FEW250 20/17 A2988 RMK A02 SLP101 T02000172

TAF

KSAT 051133Z 0512/0618 07007KT P6SM FEW029 SCT060 FM051600 07008KT P6SM VCSH BKN025 PROB30 0518/0522 VRB15KT 3SM

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	37.09		0 m	61 m
22	150 ft	8,516 ft	220.63	CONCRETE	0 ft	400 ft
	46 m	2,596 m	217.10		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	308.25		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