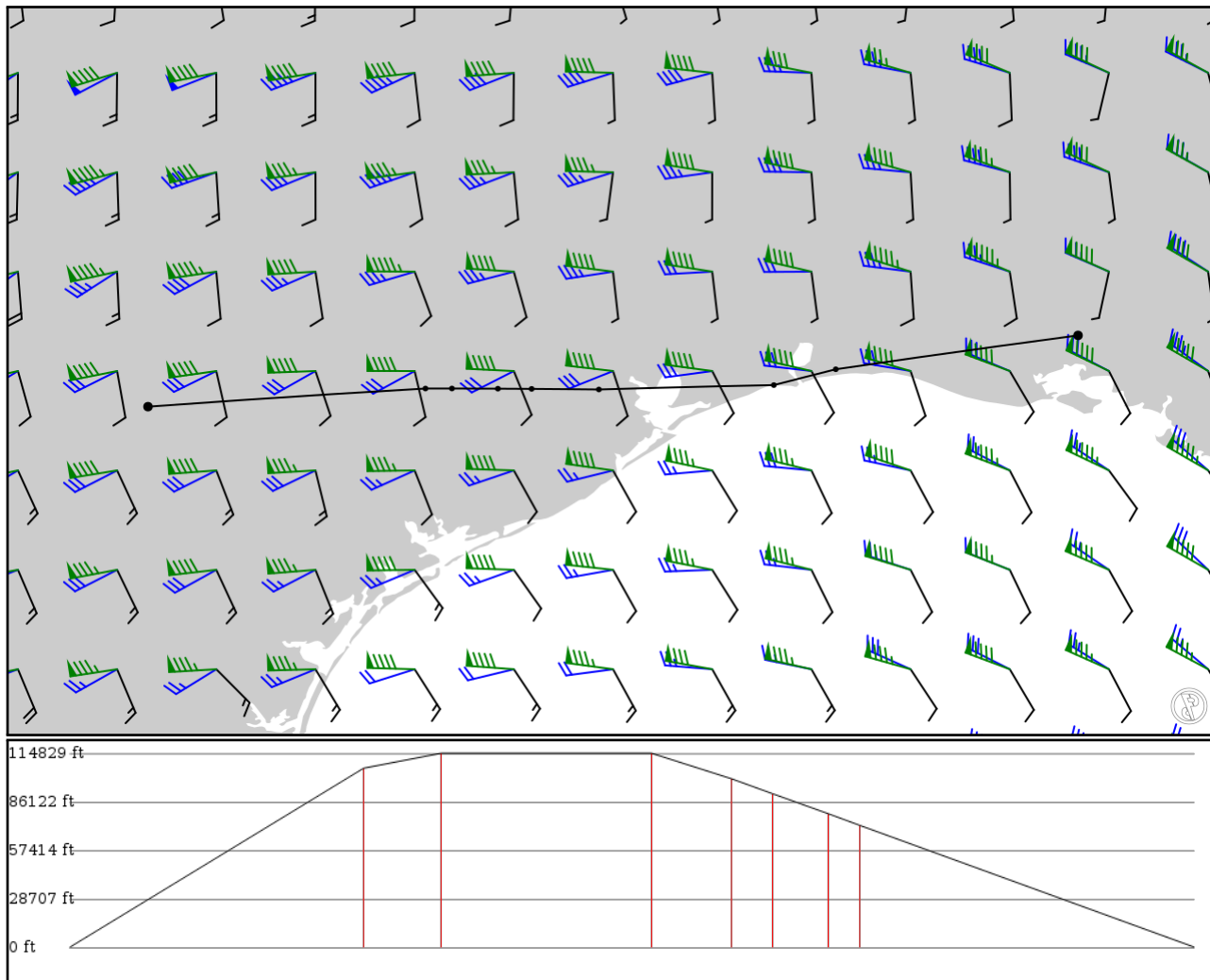


2024/05/23 0438Z

KARA TEMCO **V194** HUB **V198** WHAEL KSAT

345.92 nm / 640.64 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
KARA APT	-	30.03780 -91.88390	0 ft 0 m	-	ACADIANA RGNL
TEMCO FIX	-	29.79850 -93.59950	32,300 ft 9,845 m	90	-
SBI VOR	V194 AWY-LO	29.68670 -94.03800	35,000 ft 10,668 m	23	SABINE PASS
HUB VOR	V194 AWY-LO	29.65560 -95.27660	35,000 ft 10,668 m	64	HOBBY (HOUSTON)
BLUMS FIX	V198 AWY-LO	29.65980 -95.75280	30,400 ft 9,266 m	24	-
GLAND FIX	V198 AWY-LO	29.66120 -95.99160	27,700 ft 8,443 m	12	-
ELA VOR	V198 AWY-LO	29.66250 -96.31710	24,100 ft 7,346 m	16	EAGLE LAKE
WHAEL FIX	V198 AWY-LO	29.66230 -96.50470	22,000 ft 6,706 m	9	-
KSAT APT	-	29.53410 -98.46930	0 ft 0 m	102	San Antonio Intl

KARA

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 1

Elevation: 24 ft / 7 m
Location: 30.037800 -91.883900
Magnetic Var: 0.421 W

METAR

KARA 230353Z AUTO 13005KT 8SM CLR 26/24 A2999 RMK A02 SLP155 T02560239

TAF

TAF KARA 222320Z 2300/2324 16012G20KT P6SM SCT045 FM230600 15008KT P6SM OVC025 FM231500 18013G21KT P6SM SCT025 BK

Frequencies

COM - 125.00 MHz - CTAF
CLD - 121.70 MHz - CLNC DEL
TWR - 125.00 MHz -
COM - 122.95 MHz - UNICOM
GND - 121.70 MHz -
APP - 121.10 MHz - LAFAYETTE APP/DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	200 ft	8,027 ft	167.57	CONCRETE	0 ft	0 ft
	61 m	2,447 m	167.99		0 m	0 m
34	200 ft	8,027 ft	347.57	CONCRETE	0 ft	0 ft
	61 m	2,447 m	347.99		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IARA	108.90 MHz	18 nm	347.57	-	26 ft
				33 km	347.99		26 m
34	GS	IARA	108.90 MHz	10 nm	348.14	3.00	17 ft
				19 km	348.56		17 m

KSAT

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

Elevation: 809 ft / 247 m
Location: 29.534100 -98.469300
Magnetic Var: 3.526 E

METAR

KSAT 230351Z 11014KT 8SM OVC020 28/24 A2982 RMK A02 SLP077 T02830244

TAF

TAF AMD KSAT 230307Z 2303/2406 13012KT 6SM HZ BKN025 OVC035 FM230500 13008KT 5SM HZ SCT009 BKN015 FM231600 16011KT

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