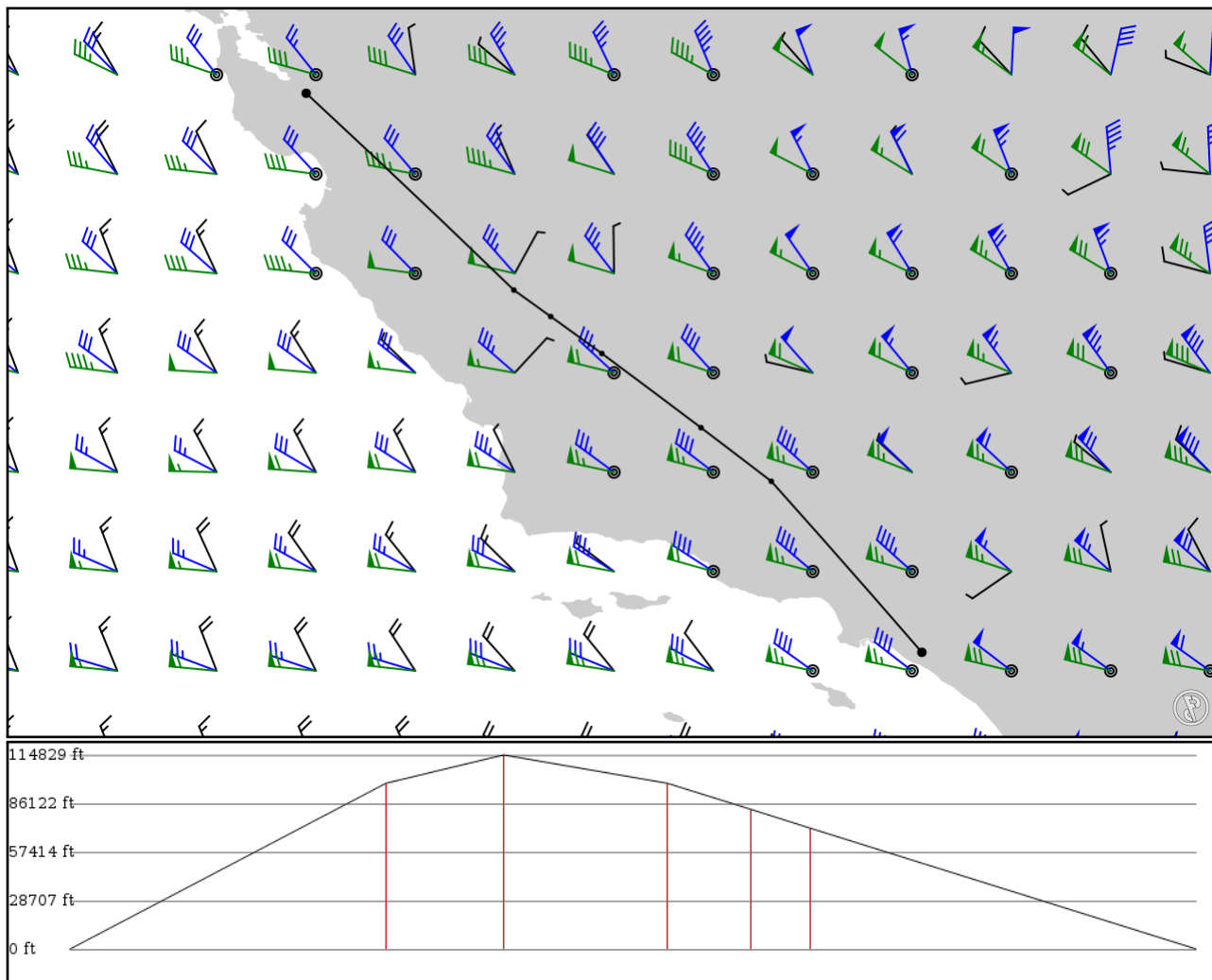


2024/05/08 1157Z

KSNA GMN V137 OKEEF KSJC

298.31 nm / 552.47 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
KSNA APT	-	33.67610 -117.86800	0 ft 0 m	-	John Wayne/Orange County
GMN VOR	-	34.80400 -118.86100	29,900 ft 9,114 m	83	GORMAN
TAFTO FIX	V137 AWY-LO	35.15760 -119.32500	35,000 ft 10,668 m	31	-
AVE VOR	V137 AWY-LO	35.64700 -119.97900	29,900 ft 9,114 m	43	AVENAL
NEFDE FIX	V137 AWY-LO	35.89060 -120.31600	25,200 ft 7,681 m	21	-
OKEEF FIX	V137 AWY-LO	36.06500 -120.55900	21,800 ft 6,645 m	15	-
KSJC APT	-	37.36300 -121.92900	0 ft 0 m	102	Norman Y. Mineta San Jose Intl

## KSNA

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 2

Elevation: 56 ft / 17 m  
Location: 33.676100 -117.868000  
Magnetic Var: 11.282 E

## METAR

KSNA 081138Z AUTO 08004KT 10SM BKN017 14/11 A2984 RMK A02 T01390106

## TAF

KSNA 080915Z 0809/0906 12005KT P6SM SCT015 TEMPO 0810/0813 BKN015 FM081300 12005KT P6SM OVC018 FM081700 18005KT P

## Frequencies

REC - 126.00 MHz - ATIS	COM - 126.80 MHz - CTAF
COM - 122.95 MHz - UNICOM	CLD - 118.00 MHz - CLEARANCE DELIVERY
CLD - 121.85 MHz - CLEARANCE DELIVERY	GND - 120.80 MHz - JOHN WAYNE GROUND
GND - 132.25 MHz - JOHN WAYNE GROUND	TWR - 119.90 MHz - JOHN WAYNE TOWER
TWR - 126.80 MHz - JOHN WAYNE TOWER	TWR - 128.35 MHz - JOHN WAYNE TOWER
APP - 121.30 MHz - SOCAL APPROACH	DEP - 128.10 MHz - SOCAL DEPARTURE
DEP - 132.70 MHz - SOCAL DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02L	151 ft	5,711 ft	27.79	ASPHALT	0 ft	1,001 ft
	46 m	1,741 m	16.51		0 m	305 m
20R	151 ft	5,711 ft	207.80	ASPHALT	0 ft	194 ft
	46 m	1,741 m	196.51		0 m	59 m
02R	75 ft	2,891 ft	27.81	ASPHALT	0 ft	404 ft
	23 m	881 m	16.53		0 m	123 m
20L	75 ft	2,891 ft	207.81	ASPHALT	0 ft	151 ft
	23 m	881 m	196.53		0 m	46 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
20R	DME	IOJW	108.30 MHz	18 nm	-	-	40 ft
				33 km	-		40 m
20R	DME	ISNA	111.75 MHz	18 nm	-	-	68 ft
				33 km	-		68 m
20R	LOC-ILS	ISNA	111.75 MHz	18 nm	207.81	-	56 ft
				33 km	196.53		56 m
20R	GS	ISNA	111.75 MHz	10 nm	207.81	3.00	56 ft
				19 km	196.53		56 m

## KSJC

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 2

Elevation: 62 ft / 19 m  
Location: 37.363000 -121.929000  
Magnetic Var: 12.725 E

## METAR

KSJC 081053Z AUTO 29003KT 10SM CLR 11/06 A2996 RMK A02 SLP146 T01110061

## TAF

TAF KSJC 080537Z 0806/0906 33007KT P6SM SKC FM081600 32012KT P6SM SKC FM082000 34018KT P6SM SKC FM090500 17005KT P

## Frequencies

REC - 126.95 MHz - ATIS	COM - 124.00 MHz - CTAF
CLD - 118.00 MHz - CLEARANCE DELIVERY	GND - 121.70 MHz - GROUND
TWR - 124.00 MHz - TOWER	APP - 120.10 MHz - NORCAL APPROACH
APP - 125.35 MHz - NORCAL APPROACH	APP - 134.50 MHz - NORCAL DEPARTURE
DEP - 121.30 MHz - NORCAL DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	151 ft	11,012 ft	138.93	CONCRETE	1,299 ft	217 ft
	46 m	3,356 m	126.20		396 m	66 m
30L	151 ft	11,012 ft	318.94	CONCRETE	2,539 ft	49 ft
	46 m	3,356 m	306.22		774 m	15 m
12L	151 ft	11,012 ft	138.93	CONCRETE	1,309 ft	144 ft
	46 m	3,356 m	126.20		399 m	44 m
30R	151 ft	11,012 ft	318.94	CONCRETE	2,539 ft	141 ft
	46 m	3,356 m	306.22		774 m	43 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12R	DME	ISLV	110.90 MHz	18 nm	-	-	75 ft
				33 km	-		75 m
30L	DME	ISJC	110.90 MHz	18 nm	-	-	49 ft
				33 km	-		49 m
12R	LOC-ILS	ISLV	110.90 MHz	18 nm	138.94	-	62 ft
				33 km	126.22		62 m
30L	LOC-ILS	ISJC	110.90 MHz	18 nm	318.94	-	62 ft
				33 km	306.22		62 m
12R	GS	ISLV	110.90 MHz	10 nm	138.94	3.00	62 ft
				19 km	126.22		62 m
30L	GS	ISJC	110.90 MHz	10 nm	318.94	3.00	62 ft
				19 km	306.22		62 m