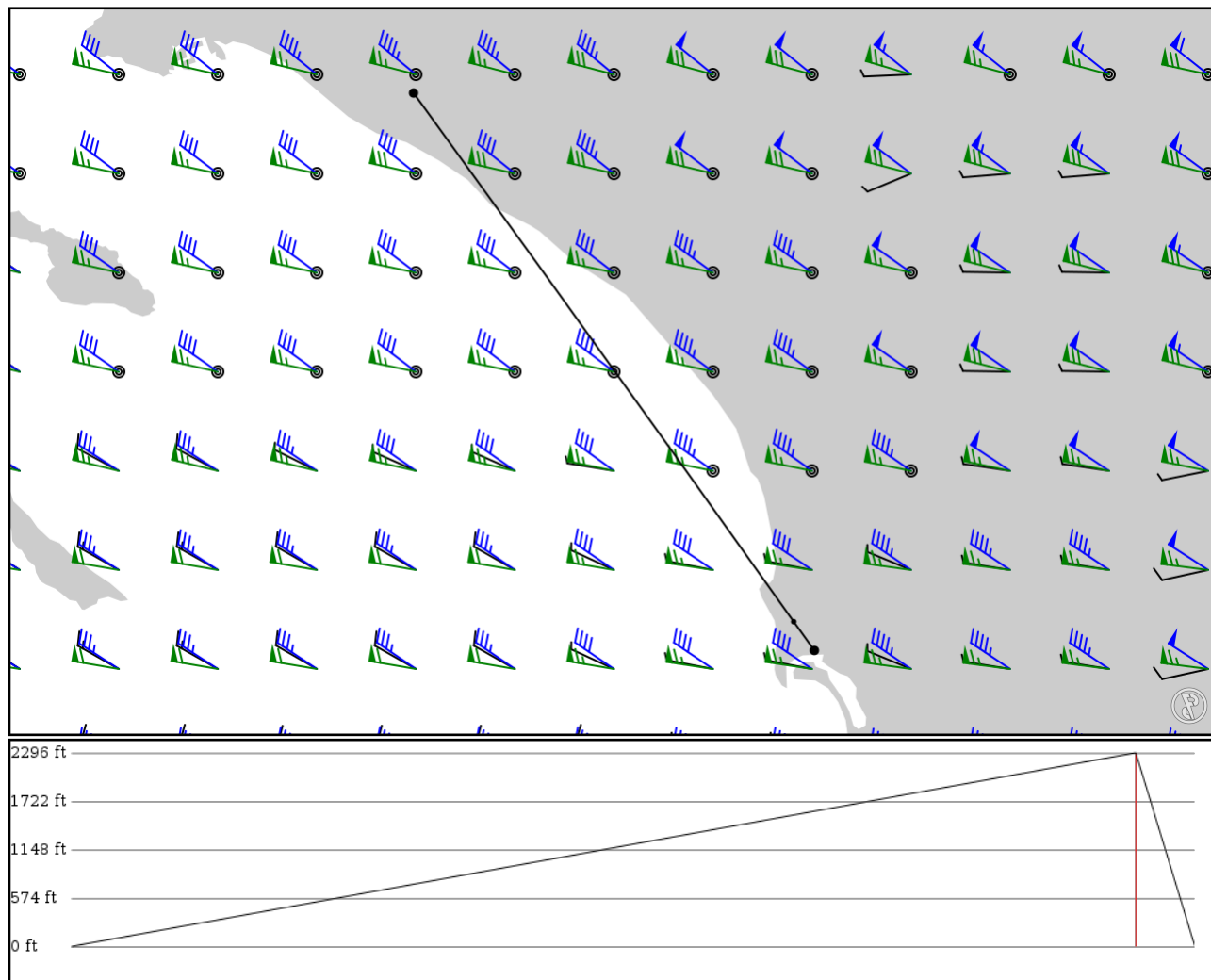


2024/05/20 2203Z
KSNA MZB KSAN
66.07 nm / 122.36 km



Notes

Basic altitude profile:

- Ascent Rate: 500ft/min
- Ascent Speed: 120kts
- Cruise Altitude: 5000ft
- Cruise Speed: 130kts
- Descent Rate: 500ft/min
- Descent Speed: 110kts

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	-	33.67610	0 ft	-	John Wayne Airport	
APT	-	-117.86800	0 m			
MZB	-	32.78220	700 ft	62	MISSION	
VOR	-	-117.22500	213 m			
KSAN	-	32.73350	0 ft	3	San Diego International Airport	
APT	-	-117.19000	0 m			

KSNA

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 2

Elevation: 56 ft / 17 m
Location: 33.676100 -117.868000
Magnetic Var: 11.279 E

METAR

KSNA 202053Z 22009G18KT 10SM BKN026 OVC035 19/11 A2998 RMK A02 SLP153 T01940106 58011

TAF

TAF AMD KSNA 202002Z 2020/2118 18006KT P6SM BKN025 FM202200 21009KT P6SM SCT035 FM210500 VRB04KT P6SM BKN022 FM21

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	196.52		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

KSAN

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

Elevation: 17 ft / 5 m
Location: 32.733600 -117.190000
Magnetic Var: 10.967 E

METAR

KSAN 202051Z 28010KT 10SM BKN021 19/12 A3000 RMK A02 SLP160 T01890117 58012 \$

TAF

TAF AMD KSAN 202102Z 2021/2124 26005KT P6SM BKN025 FM202200 29010KT P6SM SCT030 FM210500 28007KT P6SM BKN025 FM211800 28010KT P6SM SCT030

Frequencies

REC - 134.80 MHz - LINDBERGH ATIS	CLD - 125.90 MHz - LINDBERGH CLEARANCE
GND - 123.90 MHz - LINDBERGH GROUND	TWR - 118.30 MHz - LINDBERGH TOWER
DEP - 119.60 MHz - SOCAL WEST DEPARTURE	DEP - 124.35 MHz - SOCAL EAST DEPARTURE
APP - 119.60 MHz - SOCAL WEST APPROACH	APP - 124.35 MHz - SOCAL EAST APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	200 ft	9,388 ft	106.13	ASPHALT	1,004 ft	390 ft
	61 m	2,861 m	95.16		306 m	119 m
27	200 ft	9,388 ft	286.15	ASPHALT	1,811 ft	0 ft
	61 m	2,861 m	275.18		552 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	ISAN	111.55 MHz	18 nm	-	-	29 ft
				33 km	-		29 m
27	DME	IUBR	110.90 MHz	18 nm	-	-	26 ft
				33 km	-		26 m
09	LOC-ILS	ISAN	111.55 MHz	18 nm	106.14	-	17 ft
				33 km	95.17		17 m
27	LOC-LOC	IUBR	110.90 MHz	18 nm	286.14	-	17 ft
				33 km	275.17		17 m
09	GS	ISAN	111.55 MHz	10 nm	106.14	3.10	17 ft
				19 km	95.17		17 m