

# KSAN

San Diego Intl

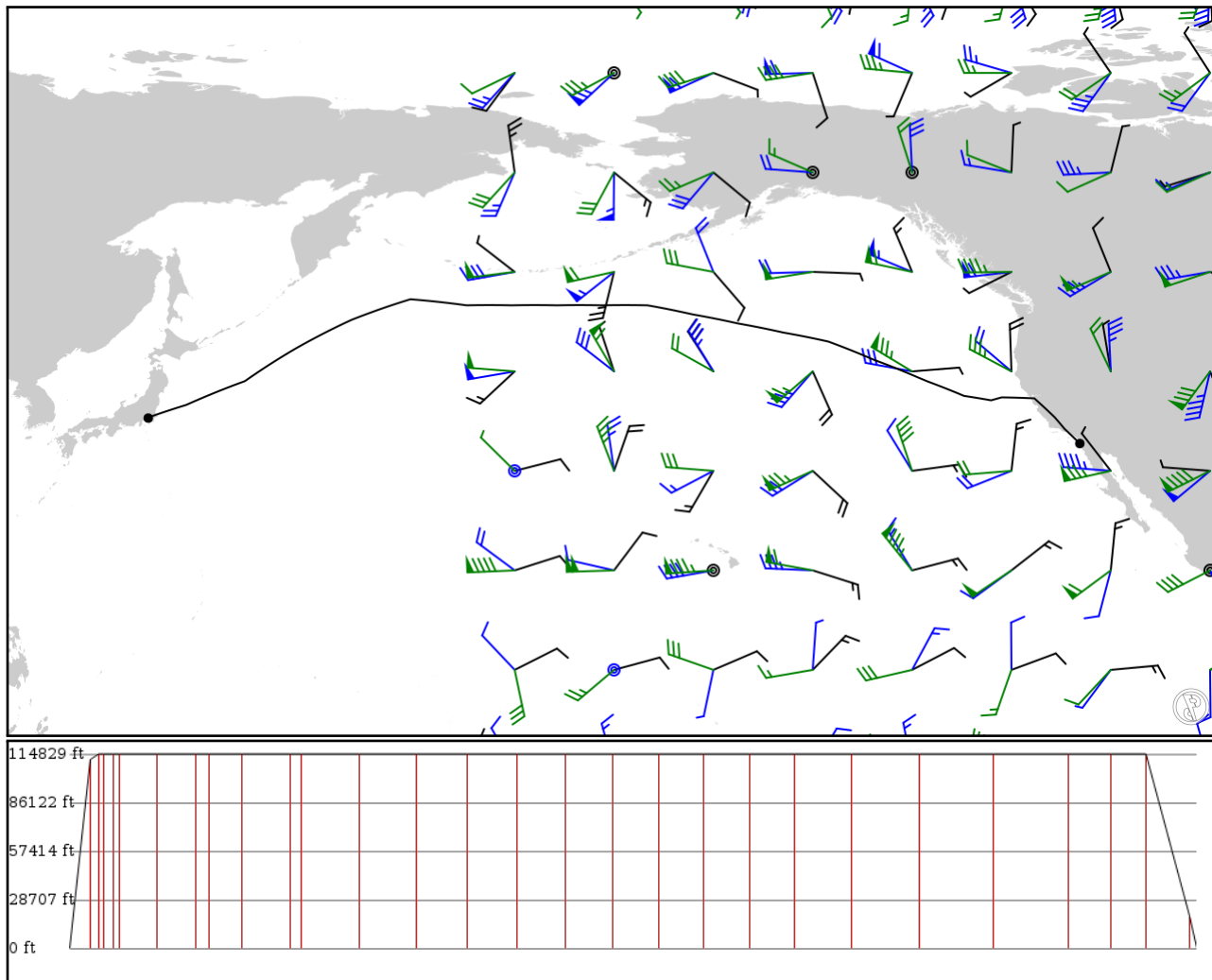
# RJTT

Tokyo Haneda Intl

2024/06/04 0705Z

KSAN LAX **J1** REYES **V107** AVE **J1** OAK **C1173H** ALCOA **R463** ALLBE 3800N13000W HUMOR 4000N13500W  
4200N14000W 4400N14500W 4500N15000W 4600N15500W 4700N16000W 4800N16500W 4800N17000W 4800N17500W  
4800N18000W 4800N17500E CARTO **G344** CALMA **OTR5** TYE RJTT

4976.54 nm / 9216.56 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
KSAN	-	32.73356	0 ft	-	San Diego Intl
APT	-	-117.18966	0 m		
LAX	-	33.93314	34,000 ft	95	LOS ANGELES VORTAC
VOR	-	-118.43200	10,363 m		
FIM	J1	34.35669	35,000 ft	33	FILLMORE VORTAC
VOR	AWY-HI	-118.88128	10,668 m		
REYES	J1	34.65873	35,000 ft	22	-
FIX	AWY-HI	-119.13432	10,668 m		
DERBB	V107	35.25590	35,000 ft	43	-
FIX	AWY-LO	-119.64145	10,668 m		
AVE	V107	35.64697	35,000 ft	28	AVENAL VORTAC
VOR	AWY-LO	-119.97861	10,668 m		
OAK	J1	37.72592	35,000 ft	165	OAKLAND VORTAC
VOR	AWY-HI	-122.22358	10,668 m		
ALCOA	C1173H	37.83325	35,000 ft	171	-
FIX	AWY-HI	-125.83452	10,668 m		
ALLBE	R463	37.50639	35,000 ft	58	-
FIX	AWY-LO	-127.00000	10,668 m		
3800N13000W	-	38.00000	35,000 ft	145	-
LATLON	-	-130.00000	10,668 m		
HUMOR	-	39.58333	35,000 ft	209	-
FIX	-	-134.00000	10,668 m		
4000N13500W	-	40.00000	35,000 ft	52	-
LATLON	-	-135.00000	10,668 m		
4200N14000W	-	42.00000	35,000 ft	256	-
LATLON	-	-140.00000	10,668 m		
4400N14500W	-	44.00000	35,000 ft	250	-
LATLON	-	-145.00000	10,668 m		
4500N15000W	-	45.00000	35,000 ft	222	-
LATLON	-	-150.00000	10,668 m		
4600N15500W	-	46.00000	35,000 ft	218	-
LATLON	-	-155.00000	10,668 m		
4700N16000W	-	47.00000	35,000 ft	215	-
LATLON	-	-160.00000	10,668 m		
4800N16500W	-	48.00000	35,000 ft	211	-
LATLON	-	-165.00000	10,668 m		
4800N17000W	-	48.00000	35,000 ft	200	-
LATLON	-	-170.00000	10,668 m		
4800N17500W	-	48.00000	35,000 ft	200	-
LATLON	-	-175.00000	10,668 m		
4800N18000W	-	48.00000	35,000 ft	200	-
LATLON	-	-180.00000	10,668 m		
4800N17500E	-	48.00000	35,000 ft	200	-
LATLON	-	175.00000	10,668 m		
CARTO	-	48.67567	35,000 ft	251	-
FIX	-	168.78311	10,668 m		
CUTEE	G344	46.41500	35,000 ft	295	-
FIX	AWY-LO	162.31000	10,668 m		
COLIC	G344	43.20131	35,000 ft	329	-
FIX	AWY-LO	156.04169	10,668 m		
CALMA	G344	39.62815	35,000 ft	329	-
FIX	AWY-LO	150.47736	10,668 m		
ADNIP	OTR5	38.25484	35,000 ft	185	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	146.91605	10,668 m		
PABBA	OTR5	37.00321	35,000 ft	157	-
FIX	AWY-LO	143.99636	10,668 m		
TYE	OTR5	35.78359	5,800 ft	194	SAKURA VOR-DME
VOR	AWY-LO	140.26299	1,768 m		
RJTT	-	35.54825	0 ft	27	Tokyo Haneda Intl
APT	-	139.78855	0 m		

## KSAN

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 1

Elevation: 17 ft / 5 m  
Location: 32.733600 -117.190000  
Magnetic Var: 10.964 E

## METAR

KSAN 040551Z 18006KT 10SM OVC016 17/13 A2988 RMK A02 SLP117 T01720128 10189 20167 58000 \$

## TAF

TAF KSAN 040520Z 0406/0512 18007KT P6SM BKN015 BKN250 FM042000 21008KT P6SM SCT015 BKN022 TEMPO 0421/0424 SCT020

## 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	95.17		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	95.18		17 m
27	LOC-LOC	IUBR	110.90 MHz	18 nm	286.14	-	17 ft
				33 km	275.18		17 m
09	GS	ISAN	111.55 MHz	10 nm	106.14	3.10	17 ft
				19 km	95.18		17 m

## RJTT

Region: JAPAN  
Timezone: ASIA/TOKYO  
Runways: 4

Elevation: 20 ft / 6 m  
Location: 35.547900 139.789000  
Magnetic Var: 7.810 W

## METAR

RJTT 040630Z 09012KT 9999 FEW030 SCT045 23/16 Q1010 NOSIG

## TAF

TAF RJTT 040505Z 0406/0512 08014KT 9999 -SHRA FEW020 BKN030 TEMPO 0408/0411 -TSRA FEW010 BKN020 FEW020CB BECMG 0412/0415

## Frequencies

REC - 128.80 MHz - TOKYO ATIS	CLD - 121.87 MHz - TOKYO DELIVERY
CLD - 121.82 MHz - TOKYO DELIVERY	GND - 118.22 MHz - TOKYO GROUND
GND - 121.62 MHz - TOKYO GROUND	GND - 121.70 MHz - TOKYO GROUND
GND - 121.97 MHz - TOKYO GROUND	GND - 122.07 MHz - TOKYO GROUND
TWR - 118.10 MHz - TOKYO TOWER	TWR - 118.57 MHz - TOKYO TOWER
TWR - 118.72 MHz - TOKYO TOWER	TWR - 124.35 MHz - TOKYO TOWER
TWR - 118.80 MHz - TOKYO TOWER	TWR - 116.20 MHz - TOKYO TOWER
APP - 119.10 MHz - TOKYO APPROACH	APP - 119.40 MHz - TOKYO APPROACH
APP - 119.65 MHz - TOKYO APPROACH	APP - 119.70 MHz - TOKYO APPROACH
APP - 125.40 MHz - TOKYO APPROACH	APP - 121.27 MHz - TOKYO APPROACH
APP - 124.40 MHz - TOKYO APPROACH	APP - 125.20 MHz - TOKYO APPROACH
APP - 125.80 MHz - TOKYO APPROACH	APP - 127.70 MHz - TOKYO APPROACH
DEP - 126.00 MHz - TOKYO DEPARTURE	DEP - 120.80 MHz - TOKYO DEPARTURE
DEP - 127.50 MHz - TOKYO DEPARTURE	DEP - 127.60 MHz - TOKYO DEPARTURE
DEP - 124.20 MHz - TOKYO DEPARTURE	DEP - 119.60 MHz - TOKYO DEPARTURE
DEP - 120.60 MHz - TOKYO DEPARTURE	DEP - 125.52 MHz - TOKYO DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	197 ft	11,039 ft	150.01	ASPHALT	0 ft	190 ft
	60 m	3,365 m	157.82		0 m	58 m
34R	197 ft	11,039 ft	330.02	ASPHALT	1,181 ft	194 ft
	60 m	3,365 m	337.83		360 m	59 m
04	197 ft	8,211 ft	34.92	ASPHALT	0 ft	194 ft
	60 m	2,503 m	42.73		0 m	59 m
22	197 ft	8,211 ft	214.93	ASPHALT	0 ft	190 ft
	60 m	2,503 m	222.74		0 m	58 m
16R	197 ft	9,855 ft	149.98	ASPHALT	0 ft	0 ft
	60 m	3,004 m	157.79		0 m	0 m
34L	197 ft	9,855 ft	329.99	ASPHALT	0 ft	190 ft
	60 m	3,004 m	337.80		0 m	58 m
05	197 ft	8,206 ft	42.44	ASPHALT	0 ft	190 ft
	60 m	2,501 m	50.25		0 m	58 m
23	197 ft	8,206 ft	222.45	ASPHALT	0 ft	194 ft
	60 m	2,501 m	230.26		0 m	59 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22	DME	IAD	108.10 MHz	18 nm	-	-	46 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	-		46 m
23	DME	ITD	110.50 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
34L	DME	IHA	111.70 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
34R	DME	ITC	108.90 MHz	18 nm	-	-	21 ft
				33 km	-		21 m
16L	LOC-ILS	IOC	111.95 MHz	18 nm	150.02	-	20 ft
				33 km	157.83		20 m
16R	LOC-ILS	ITA	111.55 MHz	18 nm	149.99	-	20 ft
				33 km	157.80		20 m
22	LOC-ILS	IAD	108.10 MHz	18 nm	214.93	-	20 ft
				33 km	222.74		20 m
23	LOC-ILS	ITD	110.50 MHz	18 nm	222.45	-	20 ft
				33 km	230.26		20 m
34L	LOC-ILS	IHA	111.70 MHz	18 nm	329.99	-	20 ft
				33 km	337.80		20 m
34R	LOC-ILS	ITC	108.90 MHz	18 nm	330.02	-	20 ft
				33 km	337.83		20 m
16L	GS	IOC	111.95 MHz	10 nm	150.02	3.00	20 ft
				19 km	157.83		20 m
16R	GS	ITA	111.55 MHz	10 nm	149.99	3.00	20 ft
				19 km	157.80		20 m
22	GS	IAD	108.10 MHz	10 nm	214.93	3.00	20 ft
				19 km	222.74		20 m
23	GS	ITD	110.50 MHz	10 nm	222.45	3.00	20 ft
				19 km	230.26		20 m
34L	GS	IHA	111.70 MHz	10 nm	329.99	3.00	20 ft
				19 km	337.80		20 m
34R	GS	ITC	108.90 MHz	10 nm	330.02	3.00	20 ft
				19 km	337.83		20 m