

# RKSI

Incheon Intl

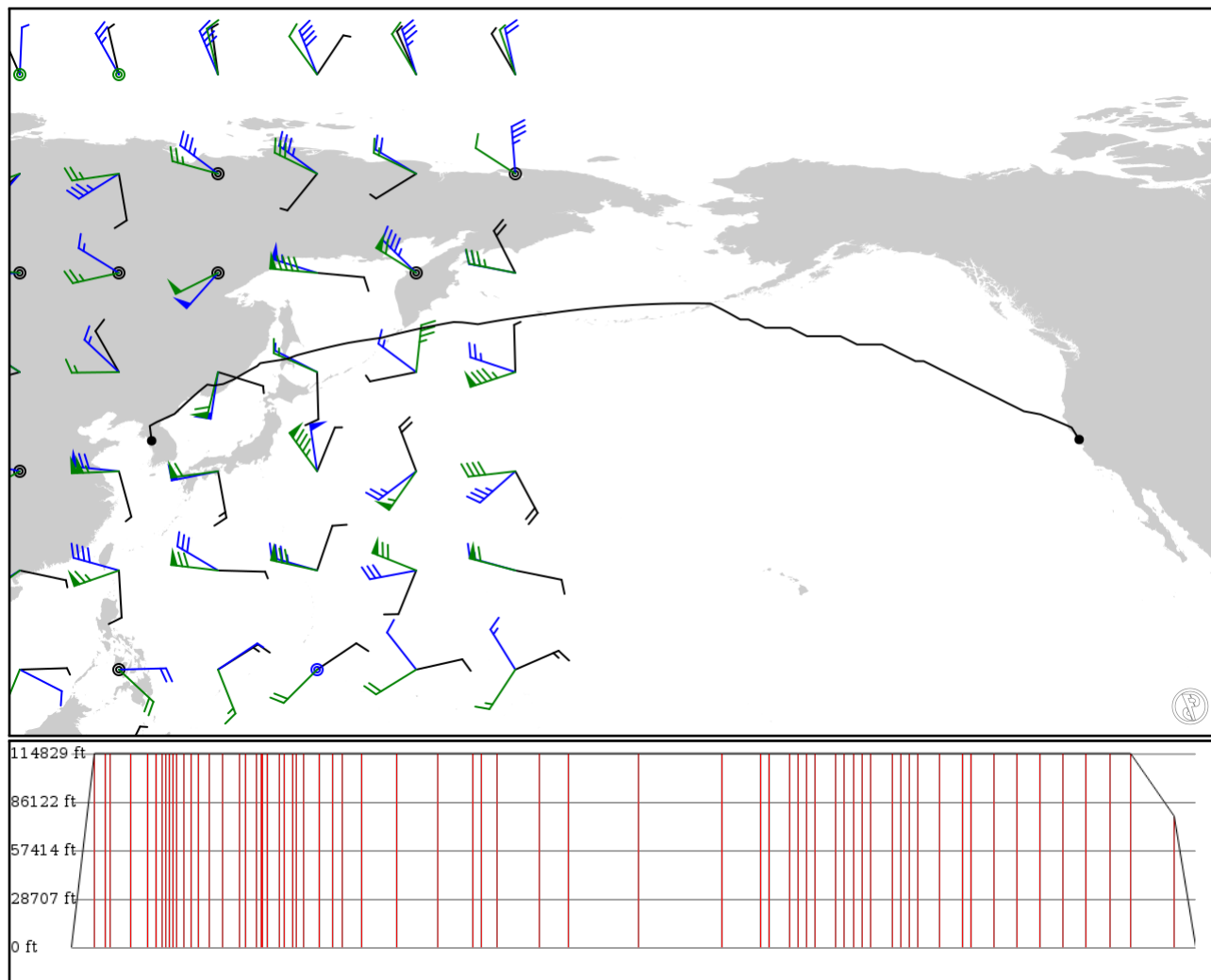
# KSFO

San Francisco Intl

2024/05/11 1246Z

RKSI SOCHA **R452** KICHA **B356** BL **W295** LASUP **W209** BEMOR **W293** TUNET **W906** NITIN **B233** BULOD **R810** AGITA **G815** KUNAD NUZAN OLCOT **G215** DUT 5200N16300W 5200N16200W 5100N16000W 5100N15900W 5100N15800W 5100N15700W 5000N15500W 5000N15400W 5000N15300W 5000N15200W 5000N15100W 4900N14900W 4900N14800W 4900N14700W 4900N14600W 4800N14400W 4700N14200W 4700N14100W 4600N13900W 4500N13700W 4400N13500W 4300N13300W 4200N13100W 4100N12900W VESPA **C1486** ENI KSFO

5101.37 nm / 9447.74 km



## Notes

Basic altitude profile:

- Ascent Rate: 2200ft/min
- Ascent Speed: 220kts
- Cruise Altitude: 35000ft
- Cruise Speed: 340kts
- Descent Rate: 1400ft/min
- Descent Speed: 210kts

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
RKSI	-	37.46540	0 ft	-	Incheon Intl
APT	-	126.44300	0 m		
SOCHA	-	39.25000	35,000 ft	107	-
FIX	-	126.21700	10,668 m		
WASAN	R452	39.72830	35,000 ft	49	-
FIX	AWY-HI	127.08400	10,668 m		
HAMUN	R452	39.92170	35,000 ft	23	-
FIX	AWY-HI	127.51800	10,668 m		
KICHA	R452	40.68420	35,000 ft	89	-
FIX	AWY-HI	129.19200	10,668 m		
ANKOG	B356	41.72220	35,000 ft	79	-
FIX	AWY-HI	130.27800	10,668 m		
ADNUR	B356	42.20830	35,000 ft	37	-
FIX	AWY-HI	130.80300	10,668 m		
GALDI	B356	42.56940	35,000 ft	27	-
FIX	AWY-HI	131.19600	10,668 m		
AGBIS	B356	42.78920	35,000 ft	17	-
FIX	AWY-HI	131.44100	10,668 m		
KESAN	B356	42.98860	35,000 ft	15	-
FIX	AWY-HI	131.66600	10,668 m		
BAPRU	B356	43.19220	35,000 ft	15	-
FIX	AWY-HI	131.89800	10,668 m		
KN	B356	43.38420	35,000 ft	15	KNEVICH I
VOR	AWY-HI	132.11800	10,668 m		
DOLMA	B356	43.80690	35,000 ft	33	-
FIX	AWY-HI	132.63300	10,668 m		
BL	B356	44.20110	35,000 ft	31	CHERNYSHEVKA
NDB	AWY-HI	133.12100	10,668 m		
LASUP	W295	44.08360	35,000 ft	33	-
FIX	AWY-HI	133.86900	10,668 m		
BEMOR	W209	44.27190	35,000 ft	51	-
FIX	AWY-HI	135.02900	10,668 m		
TUNET	W293	44.81530	35,000 ft	63	-
FIX	AWY-HI	136.29300	10,668 m		
RIPLO	W906	45.59560	35,000 ft	72	-
FIX	AWY-HI	137.60300	10,668 m		
BARIB	W906	45.88860	35,000 ft	27	-
FIX	AWY-HI	138.11100	10,668 m		
NITIN	W906	46.41860	35,000 ft	52	-
FIX	AWY-HI	139.10400	10,668 m		
TUPNA	B233	46.68190	35,000 ft	19	-
FIX	AWY-HI	139.37100	10,668 m		
BULOD	B233	46.76190	35,000 ft	5	-
FIX	AWY-HI	139.45300	10,668 m		
BAGOM	R810	46.85360	35,000 ft	23	-
FIX	AWY-HI	140.00100	10,668 m		
ODONA	R810	47.06420	35,000 ft	57	-
FIX	AWY-HI	141.35900	10,668 m		
PIMAG	R810	47.14190	35,000 ft	21	-
FIX	AWY-HI	141.87500	10,668 m		
BAPMA	R810	47.28890	35,000 ft	35	-
FIX	AWY-HI	142.72700	10,668 m		
BELNA	R810	47.44810	35,000 ft	19	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	143.13900	10,668 m		
AGITA	R810	47.71110	35,000 ft	32	-
FIX	AWY-HI	143.83600	10,668 m		
NOSTI	G815	48.14670	35,000 ft	71	-
FIX	AWY-HI	145.47700	10,668 m		
DOLET	G815	48.50580	35,000 ft	61	-
FIX	AWY-HI	146.92500	10,668 m		
MOROG	G815	48.73640	35,000 ft	41	-
FIX	AWY-HI	147.90800	10,668 m		
BUMEN	G815	49.19330	35,000 ft	87	-
FIX	AWY-HI	150.00200	10,668 m		
OTLER	G815	49.80310	35,000 ft	159	-
FIX	AWY-HI	153.97900	10,668 m		
DIROS	G815	50.90220	35,000 ft	187	-
FIX	AWY-HI	158.56100	10,668 m		
KUNAD	G815	51.69420	35,000 ft	160	-
FIX	AWY-HI	162.64400	10,668 m		
NUZAN	-	51.65760	35,000 ft	37	-
FIX	-	163.64500	10,668 m		
OLCOT	-	51.43020	35,000 ft	72	-
FIX	-	165.55600	10,668 m		
PLADO	G215	52.25450	35,000 ft	191	-
FIX	AWY-HI	170.53400	10,668 m		
SYA	G215	52.72200	35,000 ft	131	SHEMYA
NDB	AWY-HI	174.06000	10,668 m		
CURVS	G215	53.64500	35,000 ft	317	-
FIX	AWY-HI	-177.25800	10,668 m		
DUT	G215	53.90510	35,000 ft	380	DUTCH HARBOR
NDB	AWY-HI	-166.54800	10,668 m		
5200N16300W	-	52.00000	35,000 ft	171	-
LATLON	-	-163.00000	10,668 m		
5200N16200W	-	52.00000	35,000 ft	36	-
LATLON	-	-162.00000	10,668 m		
5100N16000W	-	51.00000	35,000 ft	95	-
LATLON	-	-160.00000	10,668 m		
5100N15900W	-	51.00000	35,000 ft	37	-
LATLON	-	-159.00000	10,668 m		
5100N15800W	-	51.00000	35,000 ft	37	-
LATLON	-	-158.00000	10,668 m		
5100N15700W	-	51.00000	35,000 ft	37	-
LATLON	-	-157.00000	10,668 m		
5000N15500W	-	50.00000	35,000 ft	97	-
LATLON	-	-155.00000	10,668 m		
5000N15400W	-	50.00000	35,000 ft	38	-
LATLON	-	-154.00000	10,668 m		
5000N15300W	-	50.00000	35,000 ft	38	-
LATLON	-	-153.00000	10,668 m		
5000N15200W	-	50.00000	35,000 ft	38	-
LATLON	-	-152.00000	10,668 m		
5000N15100W	-	50.00000	35,000 ft	38	-
LATLON	-	-151.00000	10,668 m		
4900N14900W	-	49.00000	35,000 ft	98	-
LATLON	-	-149.00000	10,668 m		
4900N14800W	-	49.00000	35,000 ft	39	-
LATLON	-	-148.00000	10,668 m		
4900N14700W	-	49.00000	35,000 ft	39	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-147.00000	10,668 m		
4900N14600W	-	49.00000	35,000 ft	39	-
LATLON	-	-146.00000	10,668 m		
4800N14400W	-	48.00000	35,000 ft	99	-
LATLON	-	-144.00000	10,668 m		
4700N14200W	-	47.00000	35,000 ft	100	-
LATLON	-	-142.00000	10,668 m		
4700N14100W	-	47.00000	35,000 ft	40	-
LATLON	-	-141.00000	10,668 m		
4600N13900W	-	46.00000	35,000 ft	102	-
LATLON	-	-139.00000	10,668 m		
4500N13700W	-	45.00000	35,000 ft	103	-
LATLON	-	-137.00000	10,668 m		
4400N13500W	-	44.00000	35,000 ft	104	-
LATLON	-	-135.00000	10,668 m		
4300N13300W	-	43.00000	35,000 ft	105	-
LATLON	-	-133.00000	10,668 m		
4200N13100W	-	42.00000	35,000 ft	106	-
LATLON	-	-131.00000	10,668 m		
4100N12900W	-	41.00000	35,000 ft	108	-
LATLON	-	-129.00000	10,668 m		
VESPA	-	40.62530	35,000 ft	93	-
FIX	-	-127.00000	10,668 m		
ENI	C1486	39.05320	23,700 ft	196	MENDOCINO (UKIAH)
VOR	AWY-HI	-123.27400	7,224 m		
KSFO	-	37.61850	0 ft	96	San Francisco Intl
APT	-	-122.37500	0 m		

## RKSI

Region: SOUTH KOREA  
Timezone: UNKNOWN  
Runways: 3

Elevation: 22 ft / 7 m  
Location: 37.465400 126.443000  
Magnetic Var: 8.783 W

## METAR

RKSI 111230Z 24003KT 210V270 9999 -RA BKN035 BKN050 OVC070 13/12 Q1010 NOSIG

## TAF

TAF RKSI 111100Z 1112/1218 26009KT 6000 -RA SCT005 BKN020 OVC070 TN10/1121Z TX19/1205Z BECMG 1113/1115 3500 BR BKN020

## Frequencies

REC - 128.40 MHz - INCHEON ATIS  
TWR - 118.20 MHz - INCHEON TOWER  
DEP - 121.40 MHz - SEOUL DEPARTURE  
GND - 121.75 MHz - INCHEON GROUND  
APP - 119.75 MHz - SEOUL APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	13,131 ft	144.75	ASPHALT	0 ft	394 ft
	60 m	4,002 m	153.54		0 m	120 m
34	197 ft	13,131 ft	324.77	ASPHALT	0 ft	394 ft
	60 m	4,002 m	333.55		0 m	120 m
15R	197 ft	12,311 ft	144.78	ASPHALT	0 ft	397 ft
	60 m	3,752 m	153.56		0 m	121 m
33L	197 ft	12,311 ft	324.79	ASPHALT	0 ft	394 ft
	60 m	3,752 m	333.57		0 m	120 m
15L	197 ft	12,312 ft	144.77	ASPHALT	0 ft	397 ft
	60 m	3,753 m	153.56		0 m	121 m
33R	197 ft	12,312 ft	324.79	ASPHALT	0 ft	394 ft
	60 m	3,753 m	333.57		0 m	120 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15L	DME	ISLL	111.90 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
15R	DME	ISRR	109.10 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
33L	DME	INLL	109.30 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
33R	DME	INRR	108.90 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
15L	LOC-ILS	ISLL	111.90 MHz	18 nm	144.79	-	22 ft
				33 km	153.57		22 m
15R	LOC-ILS	ISRR	109.10 MHz	18 nm	144.79	-	22 ft
				33 km	153.57		22 m
16	LOC-ILS	IRKS	110.35 MHz	18 nm	144.77	-	22 ft
				33 km	153.55		22 m
33L	LOC-ILS	INLL	109.30 MHz	18 nm	324.79	-	22 ft
				33 km	333.57		22 m
33R	LOC-ILS	INRR	108.90 MHz	18 nm	324.79	-	22 ft
				33 km	333.57		22 m
34	LOC-ILS	IRKN	108.10 MHz	18 nm	324.77	-	22 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	333.55		22 m
15L	GS	ISLL	111.90 MHz	10 nm	144.79	3.00	22 ft
				19 km	153.57		22 m
15R	GS	ISRR	109.10 MHz	10 nm	144.79	3.00	22 ft
				19 km	153.57		22 m
16	GS	IRKS	110.35 MHz	10 nm	144.77	3.00	22 ft
				19 km	153.55		22 m
33L	GS	INLL	109.30 MHz	10 nm	324.79	3.00	22 ft
				19 km	333.57		22 m
33R	GS	INRR	108.90 MHz	10 nm	324.79	3.00	23 ft
				19 km	333.57		23 m
34	GS	IRKN	108.10 MHz	10 nm	324.77	3.00	22 ft
				19 km	333.55		22 m

## KSFO

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 4

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.843 E

## METAR

KSFO 111156Z 29008KT 10SM FEW006 13/10 A2992 RMK AO2 SLP133 T01280100 10178 20128 55001 \$

## TAF

KSFO 111133Z 1112/1218 32006KT P6SM SCT250 FM112000 28016KT P6SM SCT250 FM120600 26009KT 6SM BR SCT015

## Frequencies

REC - 113.70 MHz - D-ATIS	REC - 115.80 MHz - D-ATIS
REC - 118.85 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.20 MHz -	GND - 121.80 MHz - SAN FRANCISCO GROUND
SAN FRANCISCO CLEARANCE DELIVERY	APP - 134.50 MHz - NORCAL APPROACH
TWR - 120.50 MHz - SAN FRANCISCO TOWER	APP - 128.57 MHz - NORCAL APPROACH
APP - 128.32 MHz - NORCAL APPROACH	DEP - 120.90 MHz - NORCAL DEPARTURE
APP - 133.95 MHz - NORCAL APPROACH	
DEP - 135.10 MHz - NORCAL DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	200 ft	11,859 ft	117.90	ASPHALT	0 ft	876 ft
	61 m	3,615 m	105.05		0 m	267 m
28R	200 ft	11,859 ft	297.92	ASPHALT	302 ft	318 ft
	61 m	3,615 m	285.08		92 m	97 m
10R	200 ft	11,371 ft	117.90	ASPHALT	0 ft	748 ft
	61 m	3,466 m	105.05		0 m	228 m
28L	200 ft	11,371 ft	297.92	ASPHALT	305 ft	322 ft
	61 m	3,466 m	285.08		93 m	98 m
01R	200 ft	8,665 ft	27.71	ASPHALT	564 ft	404 ft
	61 m	2,641 m	14.87		172 m	123 m
19L	200 ft	8,665 ft	207.72	ASPHALT	0 ft	443 ft
	61 m	2,641 m	194.88		0 m	135 m
01L	200 ft	7,664 ft	27.71	ASPHALT	643 ft	469 ft
	61 m	2,336 m	14.87		196 m	143 m
19R	200 ft	7,664 ft	207.72	ASPHALT	0 ft	446 ft
	61 m	2,336 m	194.88		0 m	136 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	DME	ISIA	108.90 MHz	18 nm	-	-	24 ft
				33 km	-		24 m
28L	DME	ISFO	109.55 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
28R	DME	IGWQ	111.70 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28R	DME	IFNP	110.75 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
19L	LOC-ILS	ISIA	108.90 MHz	18 nm	207.72	-	13 ft
				33 km	194.88		13 m



Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	ISFO	109.55 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.88		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.07		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.07		13 m