

KSFO

San Francisco Intl

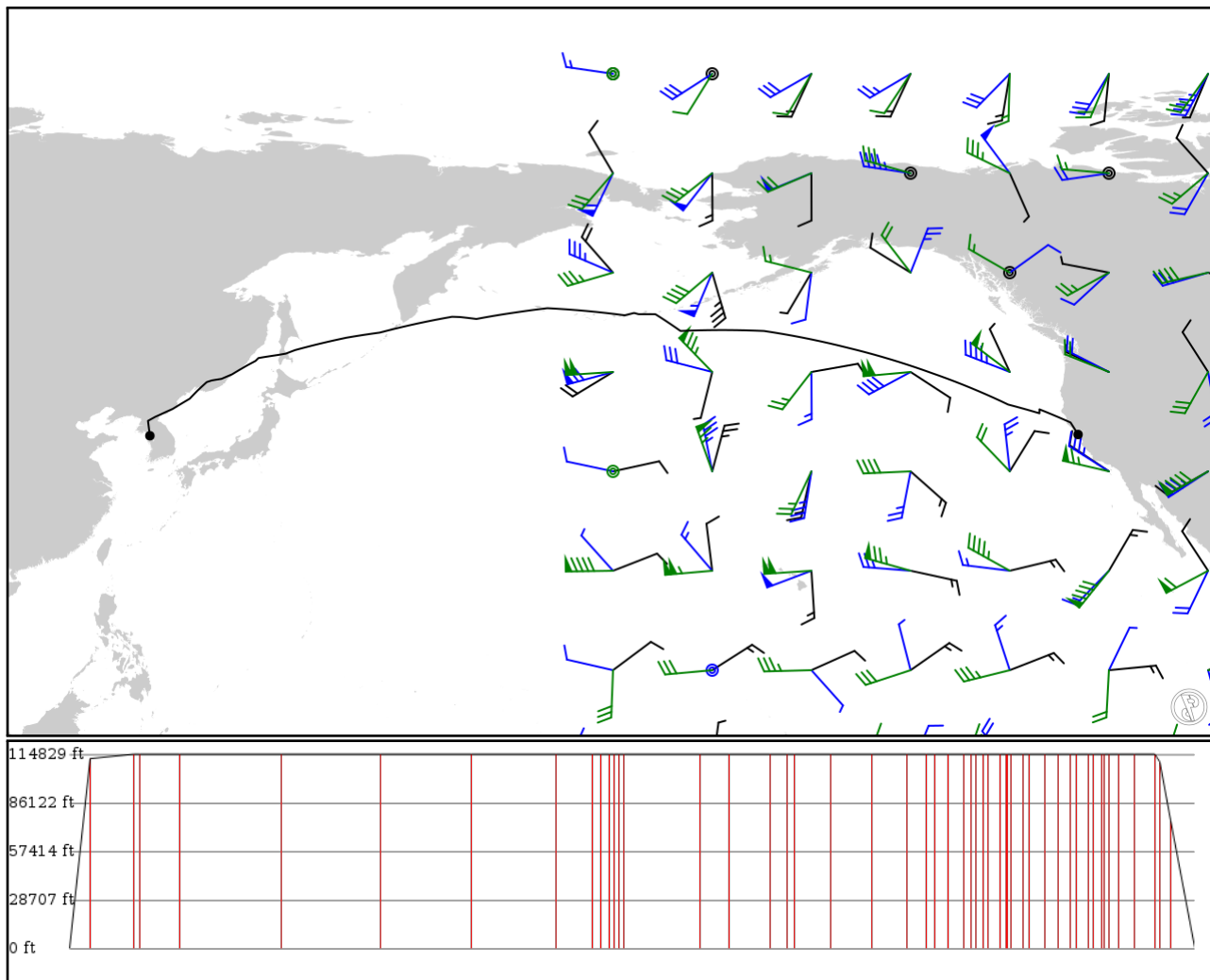
RKSI

Incheon Intl

2024/05/03 0656Z

KSFO ENI **C1486** VESPA TRYSH **E** 50N170W 5200N-17300W 5200N-17400W 5200N-17500W LONOK **G8** ADK **J115** SYA
G215 OLCOT NUZAN KUNAD **G815** AGITA **R810** BULOD **B233** NITIN **W906** TUNET **W293** BEMOR **W209** LASUP **W295** BG
B355 KICHA **R452** SOCHA RKSI

5113.25 nm / 9469.74 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
Using PACOT tracks from 6/10/2019

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSFO APT	-	37.61850 -122.37500	0 ft 0 m	-	San Francisco Intl
ENI VOR	-	39.05320 -123.27400	34,200 ft 10,424 m	96	MENDOCINO (UKIAH)
VESPA FIX	C1486 AWY-HI	40.62530 -127.00000	35,000 ft 10,668 m	196	-
TRYSH FIX	-	40.15140 -127.00000	35,000 ft 10,668 m	28	-
GAPNE FIX	E PACOT	41.20000 -130.75000	35,000 ft 10,668 m	182	-
45N140W LATLON	E PACOT	45.00000 -140.00000	35,000 ft 10,668 m	465	-
48N150W LATLON	E PACOT	48.00000 -150.00000	35,000 ft 10,668 m	450	-
50N160W LATLON	E PACOT	50.00000 -160.00000	35,000 ft 10,668 m	411	-
50N170W LATLON	E PACOT	50.00000 -170.00000	35,000 ft 10,668 m	385	-
5200N-17300W LATLON	-	52.00000 -173.00000	35,000 ft 10,668 m	165	-
5200N-17400W LATLON	-	52.00000 -174.00000	35,000 ft 10,668 m	36	-
5200N-17500W LATLON	-	52.00000 -175.00000	35,000 ft 10,668 m	36	-
LONOK FIX	-	52.15180 -175.54900	35,000 ft 10,668 m	22	-
RUNUW FIX	G8 AWY-LO	52.00400 -176.15100	35,000 ft 10,668 m	23	-
ADK NDB	G8 AWY-LO	51.87190 -176.67600	35,000 ft 10,668 m	20	MOUNT MOFFETT
SYA NDB	J115 AWY-HI	52.72200 174.06000	35,000 ft 10,668 m	343	SHEMYA
PLADO FIX	G215 AWY-HI	52.25450 170.53400	35,000 ft 10,668 m	131	-
OLCOT FIX	G215 AWY-HI	51.43020 165.55600	35,000 ft 10,668 m	191	-
NUZAN FIX	-	51.65760 163.64500	35,000 ft 10,668 m	72	-
KUNAD FIX	-	51.69420 162.64400	35,000 ft 10,668 m	37	-
DIROS FIX	G815 AWY-HI	50.90220 158.56100	35,000 ft 10,668 m	160	-
OTLER FIX	G815 AWY-HI	49.80310 153.97900	35,000 ft 10,668 m	187	-
BUMEN FIX	G815 AWY-HI	49.19330 150.00200	35,000 ft 10,668 m	159	-
MOROG FIX	G815 AWY-HI	48.73640 147.90800	35,000 ft 10,668 m	87	-
DOLET FIX	G815 AWY-HI	48.50580 146.92500	35,000 ft 10,668 m	41	-
NOSTI FIX	G815 AWY-HI	48.14670 145.47700	35,000 ft 10,668 m	61	-
AGITA	G815	47.71110	35,000 ft	71	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	143.83600	10,668 m		
BELNA	R810	47.44810	35,000 ft	32	-
FIX	AWY-HI	143.13900	10,668 m		
BAPMA	R810	47.28890	35,000 ft	19	-
FIX	AWY-HI	142.72700	10,668 m		
PIMAG	R810	47.14190	35,000 ft	35	-
FIX	AWY-HI	141.87500	10,668 m		
ODONA	R810	47.06420	35,000 ft	21	-
FIX	AWY-HI	141.35900	10,668 m		
BAGOM	R810	46.85360	35,000 ft	57	-
FIX	AWY-HI	140.00100	10,668 m		
BULOD	R810	46.76190	35,000 ft	23	-
FIX	AWY-HI	139.45300	10,668 m		
TUPNA	B233	46.68190	35,000 ft	5	-
FIX	AWY-HI	139.37100	10,668 m		
NITIN	B233	46.41860	35,000 ft	19	-
FIX	AWY-HI	139.10400	10,668 m		
BARIB	W906	45.88860	35,000 ft	52	-
FIX	AWY-HI	138.11100	10,668 m		
RIPLO	W906	45.59560	35,000 ft	27	-
FIX	AWY-HI	137.60300	10,668 m		
TUNET	W906	44.81530	35,000 ft	72	-
FIX	AWY-HI	136.29300	10,668 m		
BEMOR	W293	44.27190	35,000 ft	63	-
FIX	AWY-HI	135.02900	10,668 m		
LASUP	W209	44.08360	35,000 ft	51	-
FIX	AWY-HI	133.86900	10,668 m		
BG	W295	43.88420	35,000 ft	29	MURAVEYKA
NDB	AWY-HI	133.25300	10,668 m		
IDBUR	B355	43.15560	35,000 ft	55	-
FIX	AWY-HI	132.45900	10,668 m		
VATIS	B355	42.86190	35,000 ft	22	-
FIX	AWY-HI	132.14800	10,668 m		
TERNI	B355	42.37030	35,000 ft	36	-
FIX	AWY-HI	131.66700	10,668 m		
LUPAS	B355	42.23110	35,000 ft	10	-
FIX	AWY-HI	131.53300	10,668 m		
BUMEP	B355	41.89720	35,000 ft	24	-
FIX	AWY-HI	131.21500	10,668 m		
KAKPU	B355	41.46140	35,000 ft	42	-
FIX	AWY-HI	130.47300	10,668 m		
KICHA	B355	40.68420	35,000 ft	74	-
FIX	AWY-HI	129.19200	10,668 m		
HAMUN	R452	39.92170	35,000 ft	89	-
FIX	AWY-HI	127.51800	10,668 m		
WASAN	R452	39.72830	33,600 ft	23	-
FIX	AWY-HI	127.08400	10,241 m		
SOCHA	R452	39.25000	23,000 ft	49	-
FIX	AWY-HI	126.21700	7,010 m		
RKSI	-	37.46540	0 ft	107	Incheon Intl
APT	-	126.44300	0 m		

KSFO

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.845 E

METAR

KSFO 030556Z 28021KT 10SM FEW003 BKN005 12/09 A2997 RMK A02 PK WND 29031/0459 SLP149 T01220094 10167 20122 51005

TAF

TAF KSFO 030520Z 0306/0412 28014KT P6SM SCT008 TEMPO 0306/0308 BKN008 FM031100 27007KT P6SM SCT008 FM031600 29012

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	285.07		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	285.07		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	194.87		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	194.87		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	194.87		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	285.06		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.06		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.87		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.06		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.06		13 m

RKSI

Region: SOUTH KOREA
Timezone: UNKNOWN
Runways: 3

Elevation: 22 ft / 7 m
Location: 37.465400 126.443000
Magnetic Var: 8.781 W

METAR

RKSI 030630Z 28009KT 250V310 CAVOK 22/05 Q1017 NOSIG

TAF

TAF RKSI 030500Z 0306/0412 29008KT CAVOK TN11/0321Z TX23/0405Z BECMG 0315/0317 15006KT BECMG 0401/0403 28008KT BE

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