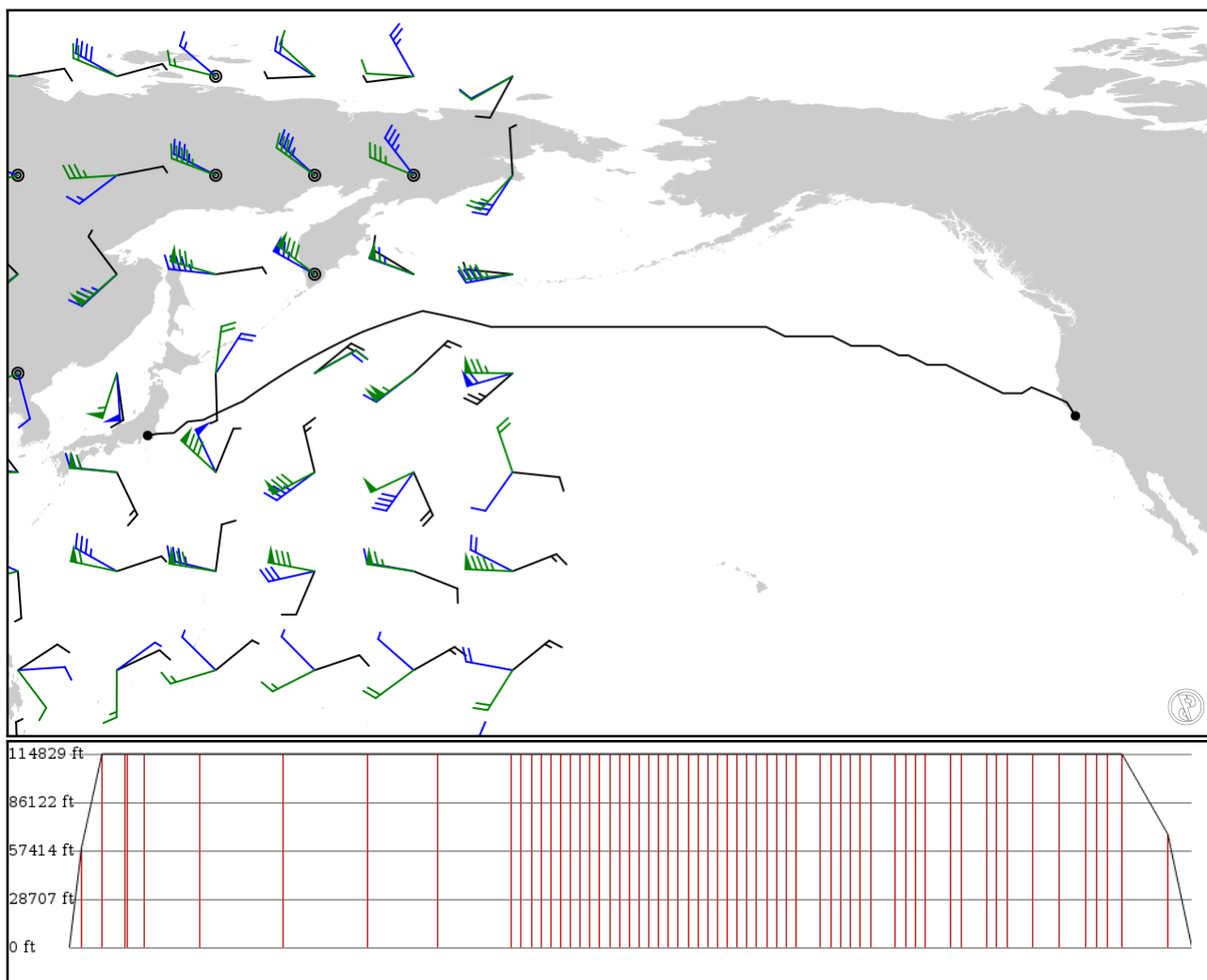


2024/05/15 0352Z

RJTT INUBO **Y51** KAGIS **A590** PABBA **OTR5** KALNA **G344** CARTO 4700N17600E 4700N17700E 4700N17800E
 4700N17900E 4700N-18100W 4700N-18000W 4700N18100E 4700N-17900W 4700N-17800W 4700N-17700W
 4700N-17600W 4700N-17500W 4700N-17400W 4700N-17300W 4700N-17200W 4700N-17100W 4700N-17000W
 4700N-16900W 4700N-16800W 4700N-16700W 4700N-16600W 4700N-16500W 4700N-16400W 4700N-16300W
 4700N-16200W 4700N-16100W 4700N-16000W 4700N-15900W 4700N-15800W 4700N-15700W 4700N-15600W
 4700N-15500W 4600N-15300W 4600N-15200W 4600N-15100W 4600N-15000W 4600N-14900W 4600N-14800W
 4500N-14600W 4500N-14500W 4500N-14400W 4500N-14300W 4400N-14100W 4400N-14000W 4300N-13800W
 4300N-13700W 4300N-13600W 4200N-13400W 4100N-13200W 4000N-13000W 4000N-12900W 4000N-12800W VESPA
C1486 ENI KSFO

4687.81 nm / 8681.82 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
RJTT	-	35.54790	0 ft	-	Tokyo Intl
APT	-	139.78900	0 m		
INUBO	-	35.72650	18,000 ft	50	-
FIX	-	140.79900	5,486 m		
KAGIS	Y51	35.82020	35,000 ft	86	-
FIX	AWY-HI	142.56300	10,668 m		
PABBA	A590	37.00320	35,000 ft	99	-
FIX	AWY-HI	143.99600	10,668 m		
ONION	OTR5	37.02900	35,000 ft	10	-
FIX	AWY-HI	144.20600	10,668 m		
ADNAP	OTR5	37.19750	35,000 ft	70	-
FIX	AWY-HI	145.66600	10,668 m		
KALNA	OTR5	39.15380	35,000 ft	228	-
FIX	AWY-HI	149.82600	10,668 m		
KALIG	G344	42.98160	35,000 ft	350	-
FIX	AWY-HI	155.66900	10,668 m		
CUTEE	G344	46.41500	35,000 ft	350	-
FIX	AWY-HI	162.31000	10,668 m		
CARTO	G344	48.67570	35,000 ft	295	-
FIX	AWY-HI	168.78300	10,668 m		
4700N17600E	-	47.00000	35,000 ft	307	-
LATLON	-	176.00000	10,668 m		
4700N17700E	-	47.00000	35,000 ft	40	-
LATLON	-	177.00000	10,668 m		
4700N17800E	-	47.00000	35,000 ft	40	-
LATLON	-	178.00000	10,668 m		
4700N17900E	-	47.00000	35,000 ft	40	-
LATLON	-	179.00000	10,668 m		
4700N-18100W	-	47.00000	35,000 ft	5	-
LATLON	-	-181.00000	10,668 m		
4700N-18000W	-	47.00000	35,000 ft	40	-
LATLON	-	-180.00000	10,668 m		
4700N18100E	-	47.00000	35,000 ft	40	-
LATLON	-	-179.00000	10,668 m		
4700N-17900W	-	47.00000	35,000 ft	0	-
LATLON	-	-179.00000	10,668 m		
4700N-17800W	-	47.00000	35,000 ft	40	-
LATLON	-	-178.00000	10,668 m		
4700N-17700W	-	47.00000	35,000 ft	40	-
LATLON	-	-177.00000	10,668 m		
4700N-17600W	-	47.00000	35,000 ft	40	-
LATLON	-	-176.00000	10,668 m		
4700N-17500W	-	47.00000	35,000 ft	40	-
LATLON	-	-175.00000	10,668 m		
4700N-17400W	-	47.00000	35,000 ft	40	-
LATLON	-	-174.00000	10,668 m		
4700N-17300W	-	47.00000	35,000 ft	40	-
LATLON	-	-173.00000	10,668 m		
4700N-17200W	-	47.00000	35,000 ft	40	-
LATLON	-	-172.00000	10,668 m		
4700N-17100W	-	47.00000	35,000 ft	40	-
LATLON	-	-171.00000	10,668 m		
4700N-17000W	-	47.00000	35,000 ft	40	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-170.00000	10,668 m		
4700N-16900W	-	47.00000	35,000 ft	40	-
LATLON	-	-169.00000	10,668 m		
4700N-16800W	-	47.00000	35,000 ft	40	-
LATLON	-	-168.00000	10,668 m		
4700N-16700W	-	47.00000	35,000 ft	40	-
LATLON	-	-167.00000	10,668 m		
4700N-16600W	-	47.00000	35,000 ft	40	-
LATLON	-	-166.00000	10,668 m		
4700N-16500W	-	47.00000	35,000 ft	40	-
LATLON	-	-165.00000	10,668 m		
4700N-16400W	-	47.00000	35,000 ft	40	-
LATLON	-	-164.00000	10,668 m		
4700N-16300W	-	47.00000	35,000 ft	40	-
LATLON	-	-163.00000	10,668 m		
4700N-16200W	-	47.00000	35,000 ft	40	-
LATLON	-	-162.00000	10,668 m		
4700N-16100W	-	47.00000	35,000 ft	40	-
LATLON	-	-161.00000	10,668 m		
4700N-16000W	-	47.00000	35,000 ft	40	-
LATLON	-	-160.00000	10,668 m		
4700N-15900W	-	47.00000	35,000 ft	40	-
LATLON	-	-159.00000	10,668 m		
4700N-15800W	-	47.00000	35,000 ft	40	-
LATLON	-	-158.00000	10,668 m		
4700N-15700W	-	47.00000	35,000 ft	40	-
LATLON	-	-157.00000	10,668 m		
4700N-15600W	-	47.00000	35,000 ft	40	-
LATLON	-	-156.00000	10,668 m		
4700N-15500W	-	47.00000	35,000 ft	40	-
LATLON	-	-155.00000	10,668 m		
4600N-15300W	-	46.00000	35,000 ft	102	-
LATLON	-	-153.00000	10,668 m		
4600N-15200W	-	46.00000	35,000 ft	41	-
LATLON	-	-152.00000	10,668 m		
4600N-15100W	-	46.00000	35,000 ft	41	-
LATLON	-	-151.00000	10,668 m		
4600N-15000W	-	46.00000	35,000 ft	41	-
LATLON	-	-150.00000	10,668 m		
4600N-14900W	-	46.00000	35,000 ft	41	-
LATLON	-	-149.00000	10,668 m		
4600N-14800W	-	46.00000	35,000 ft	41	-
LATLON	-	-148.00000	10,668 m		
4500N-14600W	-	45.00000	35,000 ft	103	-
LATLON	-	-146.00000	10,668 m		
4500N-14500W	-	45.00000	35,000 ft	42	-
LATLON	-	-145.00000	10,668 m		
4500N-14400W	-	45.00000	35,000 ft	42	-
LATLON	-	-144.00000	10,668 m		
4500N-14300W	-	45.00000	35,000 ft	42	-
LATLON	-	-143.00000	10,668 m		
4400N-14100W	-	44.00000	35,000 ft	104	-
LATLON	-	-141.00000	10,668 m		
4400N-14000W	-	44.00000	35,000 ft	43	-
LATLON	-	-140.00000	10,668 m		
4300N-13800W	-	43.00000	35,000 ft	105	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-138.00000	10,668 m		
4300N-13700W	-	43.00000	35,000 ft	43	-
LATLON	-	-137.00000	10,668 m		
4300N-13600W	-	43.00000	35,000 ft	43	-
LATLON	-	-136.00000	10,668 m		
4200N-13400W	-	42.00000	35,000 ft	106	-
LATLON	-	-134.00000	10,668 m		
4100N-13200W	-	41.00000	35,000 ft	108	-
LATLON	-	-132.00000	10,668 m		
4000N-13000W	-	40.00000	35,000 ft	109	-
LATLON	-	-130.00000	10,668 m		
4000N-12900W	-	40.00000	35,000 ft	46	-
LATLON	-	-129.00000	10,668 m		
4000N-12800W	-	40.00000	35,000 ft	46	-
LATLON	-	-128.00000	10,668 m		
VESPA	-	40.62530	35,000 ft	59	-
FIX	-	-127.00000	10,668 m		
ENI	C1486	39.05320	20,500 ft	196	MENDOCINO (UKIAH)
VOR	AWY-HI	-123.27400	6,248 m		
KSFO	-	37.61850	0 ft	96	San Francisco Intl
APT	-	-122.37500	0 m		

RJTT

Region: JAPAN
Timezone: ASIA/TOKYO
Runways: 4

Elevation: 20 ft / 6 m
Location: 35.547900 139.789000
Magnetic Var: 7.806 W

METAR

RJTT 150330Z 19007KT 9999 FEW020 BKN/// 23/16 Q1015 NOSIG

TAF

TAF RJTT 142305Z 1500/1606 09005KT 9999 FEW030 BECMG 1504/1506 19010KT BECMG 1515/1518 03008KT BECMG 1603/1606 18

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

KSFO

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

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.842 E

METAR

KSFO 150256Z 30013KT 10SM FEW008 SCT200 13/10 A2988 RMK A02 SLP117 T01330100 53009

TAF

KSFO 150300Z 1503/1606 31016KT P6SM SKC FM150500 30008KT P6SM FEW015 FM150900 28006KT P6SM OVC007 FM151800 02005K

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	105.06		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	105.06		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