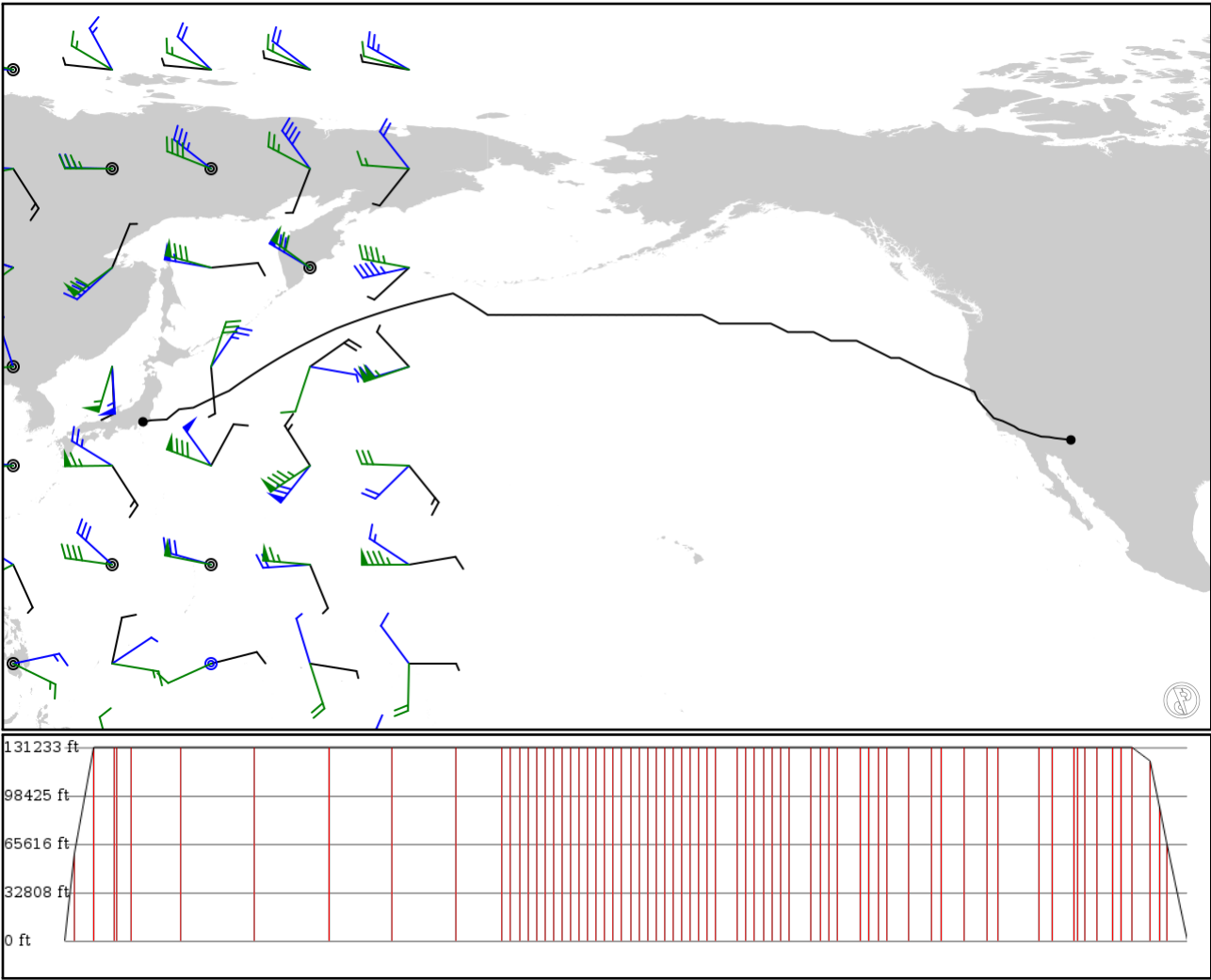


2024/05/12 1944Z

RJTT INUBO **Y51** KAGIS **A590** PABBA **OTR5** KALNA **G344** CARTO **R336** LYYLE 4800N18000W 4800N17900W
4800N17800W 4800N17700W 4800N17600W 4800N17500W 4800N17400W 4800N17300W 4800N17200W 4800N17100W
4800N17000W 4800N16900W 4800N16800W 4800N16700W 4800N16600W 4800N16500W 4800N16400W 4800N16300W
4800N16200W 4800N16100W 4800N16000W 4800N15900W 4800N15800W 4800N15700W 4800N15600W 4800N15500W
4700N15300W 4700N15200W 4700N15100W 4700N15000W 4700N14900W 4700N14800W 4700N14700W 4600N14500W
4600N14400W 4600N14300W 4600N14200W 4500N14000W 4500N13900W 4500N13800W 4500N13700W 4400N13500W
4300N13300W 4300N13200W 4200N13000W 4100N12800W VESPA **C1486** ENI **J143** PYE **J88** SNS **J126** ROBIE **J6**
PMD **J65** DECAS **J212** HRRBR KPHX
5280.81 nm / 9780.06 km



Notes

- Basic altitude profile:
- Ascent Rate: 2500ft/min
 - Ascent Speed: 250kts
 - Cruise Altitude: 40000ft
 - Cruise Speed: 420kts
 - Descent Rate: 1500ft/min

- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- 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	40,000 ft	86	-
FIX	AWY-HI	142.56300	12,192 m		
PABBA	A590	37.00320	40,000 ft	99	-
FIX	AWY-HI	143.99600	12,192 m		
ONION	OTR5	37.02900	40,000 ft	10	-
FIX	AWY-HI	144.20600	12,192 m		
ADNAP	OTR5	37.19750	40,000 ft	70	-
FIX	AWY-HI	145.66600	12,192 m		
KALNA	OTR5	39.15380	40,000 ft	228	-
FIX	AWY-HI	149.82600	12,192 m		
KALIG	G344	42.98160	40,000 ft	350	-
FIX	AWY-HI	155.66900	12,192 m		
CUTEE	G344	46.41500	40,000 ft	350	-
FIX	AWY-HI	162.31000	12,192 m		
CARTO	G344	48.67570	40,000 ft	295	-
FIX	AWY-HI	168.78300	12,192 m		
LYYLE	R336	50.51520	40,000 ft	299	-
FIX	AWY-HI	175.94500	12,192 m		
4800N18000W	-	48.00000	40,000 ft	219	-
LATLON	-	-180.00000	12,192 m		
4800N17900W	-	48.00000	40,000 ft	40	-
LATLON	-	-179.00000	12,192 m		
4800N17800W	-	48.00000	40,000 ft	40	-
LATLON	-	-178.00000	12,192 m		
4800N17700W	-	48.00000	40,000 ft	40	-
LATLON	-	-177.00000	12,192 m		
4800N17600W	-	48.00000	40,000 ft	40	-
LATLON	-	-176.00000	12,192 m		
4800N17500W	-	48.00000	40,000 ft	40	-
LATLON	-	-175.00000	12,192 m		
4800N17400W	-	48.00000	40,000 ft	40	-
LATLON	-	-174.00000	12,192 m		
4800N17300W	-	48.00000	40,000 ft	40	-
LATLON	-	-173.00000	12,192 m		
4800N17200W	-	48.00000	40,000 ft	40	-
LATLON	-	-172.00000	12,192 m		
4800N17100W	-	48.00000	40,000 ft	40	-
LATLON	-	-171.00000	12,192 m		
4800N17000W	-	48.00000	40,000 ft	40	-
LATLON	-	-170.00000	12,192 m		
4800N16900W	-	48.00000	40,000 ft	40	-
LATLON	-	-169.00000	12,192 m		
4800N16800W	-	48.00000	40,000 ft	40	-
LATLON	-	-168.00000	12,192 m		
4800N16700W	-	48.00000	40,000 ft	40	-
LATLON	-	-167.00000	12,192 m		
4800N16600W	-	48.00000	40,000 ft	40	-
LATLON	-	-166.00000	12,192 m		
4800N16500W	-	48.00000	40,000 ft	40	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-165.00000	12,192 m		
4800N16400W	-	48.00000	40,000 ft	40	-
LATLON	-	-164.00000	12,192 m		
4800N16300W	-	48.00000	40,000 ft	40	-
LATLON	-	-163.00000	12,192 m		
4800N16200W	-	48.00000	40,000 ft	40	-
LATLON	-	-162.00000	12,192 m		
4800N16100W	-	48.00000	40,000 ft	40	-
LATLON	-	-161.00000	12,192 m		
4800N16000W	-	48.00000	40,000 ft	40	-
LATLON	-	-160.00000	12,192 m		
4800N15900W	-	48.00000	40,000 ft	40	-
LATLON	-	-159.00000	12,192 m		
4800N15800W	-	48.00000	40,000 ft	40	-
LATLON	-	-158.00000	12,192 m		
4800N15700W	-	48.00000	40,000 ft	40	-
LATLON	-	-157.00000	12,192 m		
4800N15600W	-	48.00000	40,000 ft	40	-
LATLON	-	-156.00000	12,192 m		
4800N15500W	-	48.00000	40,000 ft	40	-
LATLON	-	-155.00000	12,192 m		
4700N15300W	-	47.00000	40,000 ft	100	-
LATLON	-	-153.00000	12,192 m		
4700N15200W	-	47.00000	40,000 ft	40	-
LATLON	-	-152.00000	12,192 m		
4700N15100W	-	47.00000	40,000 ft	40	-
LATLON	-	-151.00000	12,192 m		
4700N15000W	-	47.00000	40,000 ft	40	-
LATLON	-	-150.00000	12,192 m		
4700N14900W	-	47.00000	40,000 ft	40	-
LATLON	-	-149.00000	12,192 m		
4700N14800W	-	47.00000	40,000 ft	40	-
LATLON	-	-148.00000	12,192 m		
4700N14700W	-	47.00000	40,000 ft	40	-
LATLON	-	-147.00000	12,192 m		
4600N14500W	-	46.00000	40,000 ft	102	-
LATLON	-	-145.00000	12,192 m		
4600N14400W	-	46.00000	40,000 ft	41	-
LATLON	-	-144.00000	12,192 m		
4600N14300W	-	46.00000	40,000 ft	41	-
LATLON	-	-143.00000	12,192 m		
4600N14200W	-	46.00000	40,000 ft	41	-
LATLON	-	-142.00000	12,192 m		
4500N14000W	-	45.00000	40,000 ft	103	-
LATLON	-	-140.00000	12,192 m		
4500N13900W	-	45.00000	40,000 ft	42	-
LATLON	-	-139.00000	12,192 m		
4500N13800W	-	45.00000	40,000 ft	42	-
LATLON	-	-138.00000	12,192 m		
4500N13700W	-	45.00000	40,000 ft	42	-
LATLON	-	-137.00000	12,192 m		
4400N13500W	-	44.00000	40,000 ft	104	-
LATLON	-	-135.00000	12,192 m		
4300N13300W	-	43.00000	40,000 ft	105	-
LATLON	-	-133.00000	12,192 m		
4300N13200W	-	43.00000	40,000 ft	43	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-132.00000	12,192 m		
4200N13000W	-	42.00000	40,000 ft	106	-
LATLON	-	-130.00000	12,192 m		
4100N12800W	-	41.00000	40,000 ft	108	-
LATLON	-	-128.00000	12,192 m		
VESPA	-	40.62530	40,000 ft	50	-
FIX	-	-127.00000	12,192 m		
ENI	C1486	39.05320	40,000 ft	196	MENDOCINO (UKIAH)
VOR	AWY-HI	-123.27400	12,192 m		
PYE	J143	38.07980	40,000 ft	61	POINT REYES
VOR	AWY-HI	-122.86800	12,192 m		
SNS	J88	36.66380	40,000 ft	104	SALINAS
VOR	AWY-HI	-121.60300	12,192 m		
GOALI	J126	36.45950	40,000 ft	15	-
FIX	AWY-HI	-121.42400	12,192 m		
ROBIE	J126	35.98150	40,000 ft	35	-
FIX	AWY-HI	-121.00900	12,192 m		
AVE	J6	35.64700	40,000 ft	54	AVENAL
VOR	AWY-HI	-119.97900	12,192 m		
LANDO	J6	35.01240	40,000 ft	76	-
FIX	AWY-HI	-118.61600	12,192 m		
PMD	J6	34.63140	40,000 ft	35	PALMDALE
VOR	AWY-HI	-118.06400	12,192 m		
AERRO	J65	34.32200	40,000 ft	54	-
FIX	AWY-HI	-117.03900	12,192 m		
DECAS	J65	33.82360	37,200 ft	84	-
FIX	AWY-HI	-115.45700	11,339 m		
CURIV	J212	33.77300	27,500 ft	45	-
FIX	AWY-HI	-114.54400	8,382 m		
HRRBR	J212	33.64990	20,000 ft	34	-
FIX	AWY-HI	-113.86500	6,096 m		
KPHX	-	33.43360	0 ft	93	Phoenix Sky Harbor Intl
APT	-	-112.01200	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 121930Z 16016KT 5000 -SHRA BR FEW009 BKN015 20/19 Q1009 TEMPO 3000 SHRA BR FEW005 BKN008

TAF

TAF RJTT 121709Z 1218/1400 17019KT 8000 -SHRA FEW008 BKN015 TEMPO 1218/1222 4000 SHRA BR FEW005 BKN008 TEMPO 1222/

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

KPHX

Region: UNITED STATES
Timezone: AMERICA/PHOENIX
Runways: 3

Elevation: 1,135 ft / 346 m
Location: 33.433600 -112.012000
Magnetic Var: 9.720 E

METAR

KPHX 121851Z VRB04KT 10SM FEW070 31/M01 A2982 RMK AO2 SLP078 T03111011

TAF

TAF KPHX 121737Z 1218/1324 VRB03KT P6SM SKC FM121900 30008KT P6SM SKC FM130300 23005KT P6SM SKC FM130700 11005KT P

Frequencies

REC - 127.57 MHz - ATIS	CLD - 118.10 MHz - CLEARANCE DELIVERY
GND - 119.75 MHz - GROUND NORTH	GND - 132.55 MHz - GROUND SOUTH
TWR - 118.70 MHz - TOWER NORTH	TWR - 120.90 MHz - TOWER SOUTH
APP - 128.65 MHz - PHOENIX APPROACH	APP - 120.70 MHz - PHOENIX APPROACH
DEP - 124.10 MHz - PHOENIX APPROACH	DEP - 126.80 MHz - PHOENIX DEPARTURE
DEP - 124.90 MHz - PHOENIX DEPARTURE	DEP - 123.70 MHz - PHOENIX DEPARTURE
DEP - 119.20 MHz - PHOENIX DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	151 ft	11,500 ft	90.06	CONCRETE	912 ft	0 ft
	46 m	3,505 m	80.34		278 m	0 m
26	151 ft	11,500 ft	270.08	CONCRETE	0 ft	0 ft
	46 m	3,505 m	260.36		0 m	0 m
07L	151 ft	10,308 ft	90.04	CONCRETE	0 ft	0 ft
	46 m	3,142 m	80.32		0 m	0 m
25R	151 ft	10,308 ft	270.06	CONCRETE	0 ft	0 ft
	46 m	3,142 m	260.34		0 m	0 m
07R	151 ft	7,806 ft	90.04	CONCRETE	0 ft	0 ft
	46 m	2,379 m	80.32		0 m	0 m
25L	151 ft	7,806 ft	270.05	CONCRETE	0 ft	0 ft
	46 m	2,379 m	260.33		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IPHX	111.50 MHz	18 nm	-	-	1,142 ft
				33 km	-		1,142 m
07R	DME	IAHA	110.75 MHz	18 nm	-	-	1,135 ft
				33 km	-		1,135 m
08	DME	ISYQ	111.75 MHz	18 nm	-	-	1,149 ft
				33 km	-		1,149 m
25L	DME	IRJG	110.75 MHz	18 nm	-	-	1,135 ft
				33 km	-		1,135 m
26	DME	CWJ	111.75 MHz	18 nm	-	-	1,119 ft
				33 km	-		1,119 m
07L	LOC-ILS	IPHX	111.50 MHz	18 nm	90.05	-	1,135 ft
				33 km	80.33		1,135 m
07R	LOC-ILS	IAHA	110.75 MHz	18 nm	90.04	-	1,135 ft
				33 km	80.32		1,135 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	LOC-ILS	ISYQ	111.75 MHz	18 nm	90.07	-	1,135 ft
				33 km	80.35		1,135 m
25L	LOC-ILS	IRJG	110.75 MHz	18 nm	270.04	-	1,135 ft
				33 km	260.32		1,135 m
26	LOC-ILS	ICWJ	111.75 MHz	18 nm	270.07	-	1,135 ft
				33 km	260.35		1,135 m
07L	GS	IPHX	111.50 MHz	10 nm	90.05	3.01	1,135 ft
				19 km	80.33		1,135 m
07R	GS	IAHA	110.75 MHz	10 nm	90.04	3.01	1,135 ft
				19 km	80.32		1,135 m
08	GS	ISYQ	111.75 MHz	10 nm	90.70	3.01	1,135 ft
				19 km	80.98		1,135 m
25L	GS	IRJG	110.75 MHz	10 nm	270.04	3.00	1,135 ft
				19 km	260.32		1,135 m
26	GS	ICWJ	111.75 MHz	10 nm	270.70	3.00	1,135 ft
				19 km	260.98		1,135 m