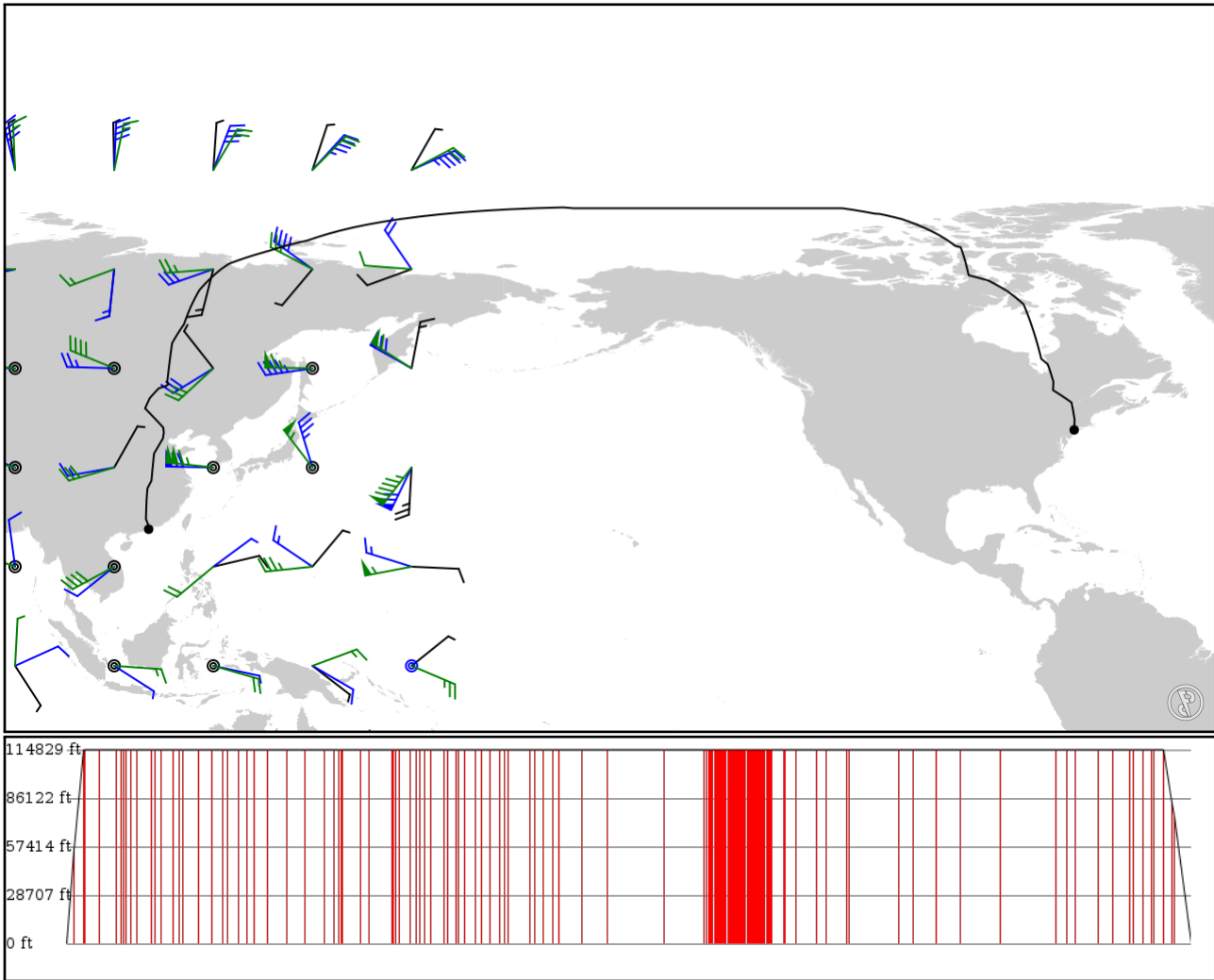


2024/05/17 0146Z

VHHH SHL **A461** YIN YIN **A461** LIG LIG **A461** LKO LKO **A461** ZHO ZHO **A461** VYK VYK **W80** HUR **B339** PIDOX **A575**  
ASILA **B339** POLHO PICAS **H341** SARUL **G338** IKARU **W606** MZL **W539** MANLI **A345** TELOK **G492** IDRAN **G491** GIKSI  
**G493** IDIMA **B802** LETUN 8200N16700W 8200N16600W 8200N16500W 8200N16400W 8200N16300W 8200N16100W  
8200N16000W 8200N15900W 8200N15800W 8200N15700W 8200N15600W 8200N15500W 8200N15400W 8200N15300W  
8200N15200W 8200N15100W 8200N15000W 8200N14900W 8200N14800W 8200N14700W 8200N14600W 8200N14500W  
8200N14400W 8200N14300W 8200N14200W 8200N14100W 8200N14000W 8200N13900W 8200N13800W 8200N13700W  
8200N13600W 8200N13500W 8200N13400W 8200N13300W 8200N13200W 8200N13100W 8200N13000W 8200N12900W  
8200N12800W 8200N12700W 8200N12600W 8200N12500W 8200N12400W 8200N12300W 8200N12200W 8200N12100W  
8200N12000W 8200N11900W 8200N11800W 8200N11700W 8100N11100W TAPSA 8000N10600W 7800N10100W  
7700N09900W 7500N09600W RB **AR33** YZS **NCA32** VIRSO YNC **BR14** NM **J567** YMX **J570** ALB **V123** GROUP KLGA

7290.44 nm / 13501.90 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
VHHH	-	22.30890	0 ft	-	Hong Kong Intl
APT	-	113.91500	0 m		
SHL	-	23.09170	16,800 ft	47	SHILONG
VOR	-	113.85000	5,121 m		
YIN	A461	24.19000	35,000 ft	70	YINGDE
VOR	AWY-HI	113.41500	10,668 m		
YIN	-	24.20670	35,000 ft	1	YINGDE VOR-DME
DME	-	113.41000	10,668 m		
BUBDA	A461	25.86830	35,000 ft	99	-
FIX	AWY-HI	113.46300	10,668 m		
LIG	A461	27.62670	35,000 ft	105	LILING VOR-DME
DME	AWY-HI	113.52700	10,668 m		
LIG	-	27.64830	35,000 ft	1	LILING
VOR	-	113.51700	10,668 m		
PAVTU	A461	28.10500	35,000 ft	27	-
FIX	AWY-HI	113.55700	10,668 m		
LUMKO	A461	28.48170	35,000 ft	22	-
FIX	AWY-HI	113.58200	10,668 m		
AKUBA	A461	28.75500	35,000 ft	16	-
FIX	AWY-HI	113.60000	10,668 m		
DAPRO	A461	29.25830	35,000 ft	30	-
FIX	AWY-HI	113.64000	10,668 m		
LKO	A461	29.90670	35,000 ft	39	LONGKOU
VOR	AWY-HI	113.69200	10,668 m		
LKO	-	29.91670	35,000 ft	0	LONGKOU VOR-DME
DME	-	113.69700	10,668 m		
HOK	A461	31.32500	35,000 ft	92	HEKOU
VOR	AWY-HI	114.43000	10,668 m		
ESDOS	A461	31.72170	35,000 ft	23	-
FIX	AWY-HI	114.46800	10,668 m		
OBLIK	A461	32.33000	35,000 ft	36	-
FIX	AWY-HI	114.52500	10,668 m		
ZHO	A461	33.66170	35,000 ft	80	ZHOUKOU VOR-DME
DME	AWY-HI	114.64200	10,668 m		
ZHO	-	33.66500	35,000 ft	0	ZHOUKOU
VOR	-	114.65500	10,668 m		
IDULA	A461	34.30170	35,000 ft	38	-
FIX	AWY-HI	114.71500	10,668 m		
AKOMA	A461	34.69170	35,000 ft	23	-
FIX	AWY-HI	114.75300	10,668 m		
WXI	A461	36.36330	35,000 ft	100	WEIXIAN
VOR	AWY-HI	114.91700	10,668 m		
HG	A461	37.71670	35,000 ft	89	HENGSHUI
NDB	AWY-HI	115.70500	10,668 m		
IKENU	A461	38.75830	35,000 ft	68	-
FIX	AWY-HI	116.31300	10,668 m		
VYK	A461	39.19170	35,000 ft	28	DAWANGZHUANG VOR-DME
DME	AWY-HI	116.57200	10,668 m		
VYK	-	39.19500	35,000 ft	0	DAWANGZHUANG
VOR	-	116.57200	10,668 m		
HUR	W80	40.33000	35,000 ft	68	HUAIROU
VOR	AWY-HI	116.74800	10,668 m		
PIDOX	B339	41.23500	35,000 ft	54	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	116.62500	10,668 m		
ASILA	A575	41.95830	35,000 ft	52	-
FIX	AWY-HI	115.95200	10,668 m		
ERVEB	B339	43.11170	35,000 ft	84	-
FIX	AWY-HI	114.86300	10,668 m		
POLHO	B339	44.78330	35,000 ft	122	-
FIX	AWY-HI	113.25000	10,668 m		
PICAS	-	46.70170	35,000 ft	120	-
FIX	-	114.12900	10,668 m		
SARUL	H341	48.51420	35,000 ft	127	-
FIX	AWY-HI	115.78700	10,668 m		
IKARU	G338	48.95500	35,000 ft	60	-
FIX	AWY-HI	117.15000	10,668 m		
MZL	W606	49.32830	35,000 ft	29	MANZHOULI
VOR	AWY-HI	117.64500	10,668 m		
MANLI	W539	49.58330	35,000 ft	17	-
FIX	AWY-HI	117.45000	10,668 m		
TELOK	A345	49.63330	35,000 ft	4	-
FIX	AWY-HI	117.36700	10,668 m		
DIBOR	G492	51.60890	35,000 ft	118	-
FIX	AWY-HI	117.59600	10,668 m		
NEDEL	G492	52.57390	35,000 ft	58	-
FIX	AWY-HI	117.70700	10,668 m		
SOKDA	G492	54.99720	35,000 ft	145	-
FIX	AWY-HI	118.01400	10,668 m		
RISUM	G492	55.09560	35,000 ft	5	-
FIX	AWY-HI	118.02700	10,668 m		
ULNAT	G492	55.41890	35,000 ft	19	-
FIX	AWY-HI	118.07100	10,668 m		
ABGEL	G492	55.77060	35,000 ft	21	-
FIX	AWY-HI	118.11900	10,668 m		
IDRAN	G492	56.91720	35,000 ft	69	-
FIX	AWY-HI	118.28400	10,668 m		
UNARU	G491	57.58560	35,000 ft	42	-
FIX	AWY-HI	118.66800	10,668 m		
RIKLI	G491	58.00220	35,000 ft	26	-
FIX	AWY-HI	118.91400	10,668 m		
RELSO	G491	58.45720	35,000 ft	28	-
FIX	AWY-HI	119.19100	10,668 m		
OKUNI	G491	59.11220	35,000 ft	41	-
FIX	AWY-HI	119.60700	10,668 m		
OLDEP	G491	60.38890	35,000 ft	81	-
FIX	AWY-HI	120.47300	10,668 m		
LERMI	G491	60.84390	35,000 ft	27	-
FIX	AWY-HI	120.63000	10,668 m		
PITIL	G491	61.74890	35,000 ft	55	-
FIX	AWY-HI	120.96900	10,668 m		
DEBED	G491	62.01720	35,000 ft	16	-
FIX	AWY-HI	121.07300	10,668 m		
NAROV	G491	62.55720	35,000 ft	32	-
FIX	AWY-HI	121.28600	10,668 m		
ARTUN	G491	63.74390	35,000 ft	72	-
FIX	AWY-HI	121.78400	10,668 m		
DINRU	G491	64.36720	35,000 ft	38	-
FIX	AWY-HI	122.07900	10,668 m		
RUSED	G491	65.33080	35,000 ft	59	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	122.56300	10,668 m		
OSLOT	G491	66.35640	35,000 ft	63	-
FIX	AWY-HI	123.11300	10,668 m		
GANPA	G491	66.78420	35,000 ft	26	-
FIX	AWY-HI	123.36800	10,668 m		
UMGAT	G491	67.22080	35,000 ft	27	-
FIX	AWY-HI	123.73700	10,668 m		
ABDAG	G491	69.45420	35,000 ft	142	-
FIX	AWY-HI	125.95800	10,668 m		
TEMGA	G491	69.88420	35,000 ft	27	-
FIX	AWY-HI	126.44200	10,668 m		
BULUN	G491	70.68420	35,000 ft	51	-
FIX	AWY-HI	127.40200	10,668 m		
GIKSI	G491	71.69580	35,000 ft	67	-
FIX	AWY-HI	128.90200	10,668 m		
OGTIL	G493	72.20500	35,000 ft	39	-
FIX	AWY-HI	130.27800	10,668 m		
IDIMA	G493	74.01250	35,000 ft	147	-
FIX	AWY-HI	136.04500	10,668 m		
LOMRI	B802	76.00810	35,000 ft	166	-
FIX	AWY-HI	143.47100	10,668 m		
OLMAT	B802	80.46830	35,000 ft	366	-
FIX	AWY-HI	164.41300	10,668 m		
LETUN	B802	82.16080	35,000 ft	258	-
FIX	AWY-HI	-168.97300	10,668 m		
8200N16700W	-	82.00000	35,000 ft	18	-
LATLON	-	-167.00000	10,668 m		
8200N16600W	-	82.00000	35,000 ft	8	-
LATLON	-	-166.00000	10,668 m		
8200N16500W	-	82.00000	35,000 ft	8	-
LATLON	-	-165.00000	10,668 m		
8200N16400W	-	82.00000	35,000 ft	8	-
LATLON	-	-164.00000	10,668 m		
8200N16300W	-	82.00000	35,000 ft	8	-
LATLON	-	-163.00000	10,668 m		
8200N16100W	-	82.00000	35,000 ft	16	-
LATLON	-	-161.00000	10,668 m		
8200N16000W	-	82.00000	35,000 ft	8	-
LATLON	-	-160.00000	10,668 m		
8200N15900W	-	82.00000	35,000 ft	8	-
LATLON	-	-159.00000	10,668 m		
8200N15800W	-	82.00000	35,000 ft	8	-
LATLON	-	-158.00000	10,668 m		
8200N15700W	-	82.00000	35,000 ft	8	-
LATLON	-	-157.00000	10,668 m		
8200N15600W	-	82.00000	35,000 ft	8	-
LATLON	-	-156.00000	10,668 m		
8200N15500W	-	82.00000	35,000 ft	8	-
LATLON	-	-155.00000	10,668 m		
8200N15400W	-	82.00000	35,000 ft	8	-
LATLON	-	-154.00000	10,668 m		
8200N15300W	-	82.00000	35,000 ft	8	-
LATLON	-	-153.00000	10,668 m		
8200N15200W	-	82.00000	35,000 ft	8	-
LATLON	-	-152.00000	10,668 m		
8200N15100W	-	82.00000	35,000 ft	8	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-151.00000	10,668 m		
8200N15000W	-	82.00000	35,000 ft	8	-
LATLON	-	-150.00000	10,668 m		
8200N14900W	-	82.00000	35,000 ft	8	-
LATLON	-	-149.00000	10,668 m		
8200N14800W	-	82.00000	35,000 ft	8	-
LATLON	-	-148.00000	10,668 m		
8200N14700W	-	82.00000	35,000 ft	8	-
LATLON	-	-147.00000	10,668 m		
8200N14600W	-	82.00000	35,000 ft	8	-
LATLON	-	-146.00000	10,668 m		
8200N14500W	-	82.00000	35,000 ft	8	-
LATLON	-	-145.00000	10,668 m		
8200N14400W	-	82.00000	35,000 ft	8	-
LATLON	-	-144.00000	10,668 m		
8200N14300W	-	82.00000	35,000 ft	8	-
LATLON	-	-143.00000	10,668 m		
8200N14200W	-	82.00000	35,000 ft	8	-
LATLON	-	-142.00000	10,668 m		
8200N14100W	-	82.00000	35,000 ft	8	-
LATLON	-	-141.00000	10,668 m		
8200N14000W	-	82.00000	35,000 ft	8	-
LATLON	-	-140.00000	10,668 m		
8200N13900W	-	82.00000	35,000 ft	8	-
LATLON	-	-139.00000	10,668 m		
8200N13800W	-	82.00000	35,000 ft	8	-
LATLON	-	-138.00000	10,668 m		
8200N13700W	-	82.00000	35,000 ft	8	-
LATLON	-	-137.00000	10,668 m		
8200N13600W	-	82.00000	35,000 ft	8	-
LATLON	-	-136.00000	10,668 m		
8200N13500W	-	82.00000	35,000 ft	8	-
LATLON	-	-135.00000	10,668 m		
8200N13400W	-	82.00000	35,000 ft	8	-
LATLON	-	-134.00000	10,668 m		
8200N13300W	-	82.00000	35,000 ft	8	-
LATLON	-	-133.00000	10,668 m		
8200N13200W	-	82.00000	35,000 ft	8	-
LATLON	-	-132.00000	10,668 m		
8200N13100W	-	82.00000	35,000 ft	8	-
LATLON	-	-131.00000	10,668 m		
8200N13000W	-	82.00000	35,000 ft	8	-
LATLON	-	-130.00000	10,668 m		
8200N12900W	-	82.00000	35,000 ft	8	-
LATLON	-	-129.00000	10,668 m		
8200N12800W	-	82.00000	35,000 ft	8	-
LATLON	-	-128.00000	10,668 m		
8200N12700W	-	82.00000	35,000 ft	8	-
LATLON	-	-127.00000	10,668 m		
8200N12600W	-	82.00000	35,000 ft	8	-
LATLON	-	-126.00000	10,668 m		
8200N12500W	-	82.00000	35,000 ft	8	-
LATLON	-	-125.00000	10,668 m		
8200N12400W	-	82.00000	35,000 ft	8	-
LATLON	-	-124.00000	10,668 m		
8200N12300W	-	82.00000	35,000 ft	8	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-123.00000	10,668 m		
8200N12200W	-	82.00000	35,000 ft	8	-
LATLON	-	-122.00000	10,668 m		
8200N12100W	-	82.00000	35,000 ft	8	-
LATLON	-	-121.00000	10,668 m		
8200N12000W	-	82.00000	35,000 ft	8	-
LATLON	-	-120.00000	10,668 m		
8200N11900W	-	82.00000	35,000 ft	8	-
LATLON	-	-119.00000	10,668 m		
8200N11800W	-	82.00000	35,000 ft	8	-
LATLON	-	-118.00000	10,668 m		
8200N11700W	-	82.00000	35,000 ft	8	-
LATLON	-	-117.00000	10,668 m		
8100N11100W	-	81.00000	35,000 ft	80	-
LATLON	-	-111.00000	10,668 m		
TAPSA	-	80.93330	35,000 ft	10	-
FIX	-	-110.00000	10,668 m		
8000N10600W	-	80.00000	35,000 ft	68	-
LATLON	-	-106.00000	10,668 m		
7800N10100W	-	78.00000	35,000 ft	132	-
LATLON	-	-101.00000	10,668 m		
7700N09900W	-	77.00000	35,000 ft	65	-
LATLON	-	-99.00000	10,668 m		
7500N09600W	-	75.00000	35,000 ft	127	-
LATLON	-	-96.00000	10,668 m		
RB	-	74.74690	35,000 ft	21	RESOLUTE BAY
NDB	-	-94.99500	10,668 m		
YYH	AR33	69.54150	35,000 ft	313	TALOYOAK
NDB	AWY-LO	-93.52560	10,668 m		
YBB	AR33	68.53410	35,000 ft	100	KUGAARUK
NDB	AWY-LO	-89.78910	10,668 m		
YUT	AR33	66.52830	35,000 ft	145	REPULSE BAY
NDB	AWY-LO	-86.24220	10,668 m		
YZS	AR33	64.14850	35,000 ft	160	CORAL HARBOUR
NDB	AWY-LO	-83.30470	10,668 m		
RADAT	NCA32	60.00000	35,000 ft	253	-
FIX	AWY-HI	-81.73330	10,668 m		
VIRSO	NCA32	54.00000	35,000 ft	364	-
FIX	AWY-HI	-80.00000	10,668 m		
YNC	-	53.00860	35,000 ft	72	WEMINDJI
NDB	-	-78.82420	10,668 m		
ZEM	BR14	52.23080	35,000 ft	48	EASTMAIN (EASTMAIN RIVER)
NDB	AWY-LO	-78.51760	10,668 m		
NM	BR14	49.72390	35,000 ft	153	MATAGAMI
NDB	AWY-LO	-77.74160	10,668 m		
YVO	J567	48.17530	35,000 ft	93	VAL-D'OR
VOR	AWY-HI	-77.82030	10,668 m		
TAGET	J567	46.88380	35,000 ft	112	-
FIX	AWY-HI	-75.82000	10,668 m		
TUFAX	J567	46.60770	35,000 ft	23	-
FIX	AWY-HI	-75.41140	10,668 m		
YMX	J567	45.88820	35,000 ft	60	MIRABEL (MONTREAL)
VOR	AWY-HI	-74.37570	10,668 m		
KELVI	J570	45.04060	35,000 ft	51	-
FIX	AWY-HI	-74.21500	10,668 m		
BUGSY	J570	44.72270	35,000 ft	19	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-74.14140	10,668 m		
NIPPY	J570	43.68970	35,000 ft	62	-
FIX	AWY-HI	-73.96850	10,668 m		
ALB	J570	42.74730	25,300 ft	57	ALBANY
VOR	AWY-HI	-73.80320	7,711 m		
GROUP	V123	42.56390	23,000 ft	11	-
FIX	AWY-LO	-73.80650	7,010 m		
KLGA	-	40.77720	0 ft	107	La Guardia
APT	-	-73.87260	0 m		



## VHHH

Region: HONG KONG  
Timezone: UNKNOWN  
Runways: 2

Elevation: 27 ft / 8 m  
Location: 22.308900 113.915000  
Magnetic Var: 3.239 W

## METAR

VHHH 170130Z 07006KT 040V110 9999 FEW025 27/19 Q1013 NOSIG

## TAF

TAF VHHH 162300Z 1700/1806 09010KT 9999 FEW020 TX30/1706Z TX29/1806Z TN25/1722Z TEMPO 1703/1710 27010KT TEMPO 180

## Frequencies

REC - 128.20 MHz - D-ATIS	REC - 127.05 MHz - D-ATIS
GND - 121.60 MHz - HONG KONG GROUND	GND - 122.55 MHz - HONG KONG GROUND
GND - 121.87 MHz - HONG KONG GROUND	TWR - 118.20 MHz - HONG KONG TOWER
TWR - 118.40 MHz - HONG KONG TOWER	TWR - 118.70 MHz - HONG KONG TOWER
CLD - 124.65 MHz - HONG KONG CLEARANCE DELIVERY	CLD - 129.90 MHz - HONG KONG CLEARANCE DELIVERY
DEP - 122.00 MHz - HONG KONG DEPARTURE	DEP - 123.80 MHz - HONG KONG DEPARTURE
DEP - 124.05 MHz - HONG KONG DEPARTURE	APP - 119.10 MHz - HONG KONG APPROACH
APP - 119.35 MHz - HONG KONG APPROACH	APP - 119.55 MHz - HONG KONG DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	197 ft	12,462 ft	70.77	ASPHALT	554 ft	974 ft
	60 m	3,799 m	74.01		169 m	297 m
25R	197 ft	12,462 ft	250.79	ASPHALT	571 ft	978 ft
	60 m	3,799 m	254.03		174 m	298 m
07R	197 ft	12,463 ft	70.79	ASPHALT	518 ft	886 ft
	60 m	3,799 m	74.03		158 m	270 m
25L	197 ft	12,463 ft	250.80	ASPHALT	0 ft	981 ft
	60 m	3,799 m	254.04		0 m	299 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IZSL	111.10 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
07R	DME	ISR	109.30 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25L	DME	IFL	108.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25R	DME	ITFR	110.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
07L	LOC-ILS	IZSL	111.10 MHz	18 nm	70.78	-	27 ft
				33 km	74.02		27 m
07R	LOC-ILS	ISR	109.30 MHz	18 nm	70.79	-	27 ft
				33 km	74.03		27 m
25L	LOC-ILS	IFL	108.90 MHz	18 nm	250.79	-	27 ft
				33 km	254.03		27 m
25R	LOC-ILS	ITFR	110.90 MHz	18 nm	250.78	-	27 ft
				33 km	254.02		27 m
07L	GS	IZSL	111.10 MHz	10 nm	70.78	3.00	27 ft
				19 km	74.02		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07R	GS	ISR	109.30 MHz	10 nm	70.79	3.00	27 ft
				19 km	74.03		27 m
25L	GS	IFL	108.90 MHz	10 nm	250.79	3.00	27 ft
				19 km	254.03		27 m
25R	GS	ITFR	110.90 MHz	10 nm	250.78	3.00	27 ft
				19 km	254.02		27 m

## KLGA

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 2

Elevation: 21 ft / 6 m  
Location: 40.777200 -73.872600  
Magnetic Var: 12.802 W

## METAR

KLGA 170129Z 01007KT 10SM FEW015 OVC030 18/12 A2986 RMK A02 T01780122

## TAF

KLGA 162339Z 1700/1806 03016KT P6SM -DZ OVC015 FM170700 03009KT P6SM SCT025 BKN030 FM171100 04009KT P6SM BKN035 FM171800 05016KT P6SM BKN040

## Frequencies

REC - 125.95 MHz - ATIS ARRIVAL	REC - 127.05 MHz - ATIS DEPARTURE
TWR - 118.70 MHz - LAGUARDIA TOWER	GND - 121.70 MHz - LAGUARDIA GROUND
GND - 121.85 MHz - LAGUARDIA GROUND	GND - 127.67 MHz - LAGUARDIA GROUND
CLD - 121.87 MHz - LAGUARDIA CLEARANCE	CLD - 135.20 MHz - LAGUARDIA CLEARANCE
COM - 122.95 MHz - LAGUARDIA UNICOM	APP - 132.70 MHz - NEW YORK APPROACH
APP - 120.05 MHz - NEW YORK APPROACH	APP - 120.80 MHz - NEW YORK APPROACH
APP - 124.95 MHz - NEW YORK APPROACH	APP - 127.30 MHz - NEW YORK APPROACH
APP - 128.80 MHz - NEW YORK APPROACH	DEP - 120.40 MHz - NEW YORK DEPARTURE
DEP - 124.45 MHz - NEW YORK DEPARTURE	DEP - 127.05 MHz - NEW YORK DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04	150 ft	7,006 ft	32.03	ASPHALT	0 ft	322 ft
	46 m	2,135 m	44.83		0 m	98 m
22	150 ft	7,006 ft	212.04	ASPHALT	0 ft	98 ft
	46 m	2,135 m	224.84		0 m	30 m
13	150 ft	6,994 ft	122.24	ASPHALT	0 ft	95 ft
	46 m	2,132 m	135.04		0 m	29 m
31	150 ft	6,994 ft	302.25	ASPHALT	0 ft	374 ft
	46 m	2,132 m	315.05		0 m	114 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	DME	IGDI	108.50 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
31	DME	IPZV	108.50 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
04	LOC-ILS	ILGA	110.50 MHz	18 nm	32.04	-	21 ft
				33 km	44.84		21 m
13	LOC-ILS	IGDI	108.50 MHz	18 nm	122.25	-	21 ft
				33 km	135.05		21 m
22	LOC-ILS	IURD	110.50 MHz	18 nm	212.04	-	21 ft
				33 km	224.84		21 m
31	LOC-LOC	IPZV	108.50 MHz	18 nm	302.25	-	21 ft
				33 km	315.05		21 m
04	GS	ILGA	110.50 MHz	10 nm	32.04	3.10	21 ft
				19 km	44.84		21 m
13	GS	IGDI	108.50 MHz	10 nm	122.25	3.10	21 ft
				19 km	135.05		21 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22	GS	IURD	110.50 MHz	10 nm	212.04	3.00	21 ft
				19 km	224.84		21 m