

VABB

Mumbai Chhatrapati Shivaji Intl

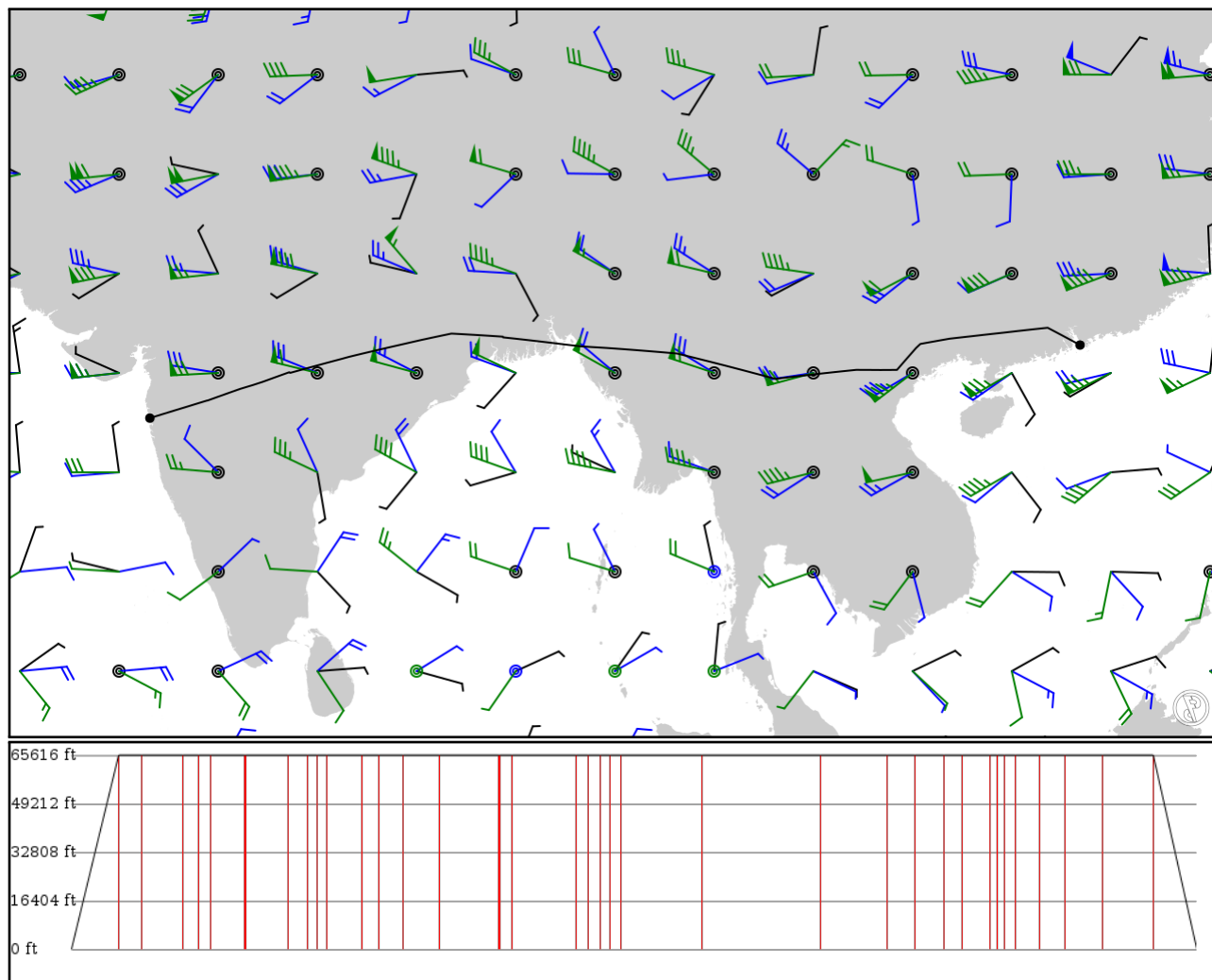
VHHH

Hong Kong Intl

2024/05/21 2014Z

VABB OPAKA **G450** AAU AAU **G450** NNP NNP **G450** JJS **A791** CEA CEA **B465** AKSAG **B214** BQ **W21** NOB **R474** GYA
VHHH

2386.94 nm / 4420.61 km



Notes

Basic altitude profile:

- Ascent Rate: 1500ft/min
- Ascent Speed: 200kts
- Cruise Altitude: 20000ft
- Cruise Speed: 380kts
- Descent Rate: 2000ft/min
- Descent Speed: 220kts

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
VABB	-	19.08910	0 ft	-	Mumbai Chhatrapati Shivaji Intl	
APT	-	72.86560	0 m			
OPAKA	-	19.60580	20,000 ft	100	-	
FIX	-	74.54940	6,096 m			
AAU	G450	19.86470	20,000 ft	50	AURANGABAD VOR-DME	
DME	AWY-HI	75.39410	6,096 m			
AAU	-	19.86110	20,000 ft	0	AURANGABAD	
VOR	-	75.40520	6,096 m			
DUBOX	G450	20.37080	20,000 ft	86	-	
FIX	AWY-HI	76.83220	6,096 m			
NINAT	G450	20.54670	20,000 ft	34	-	
FIX	AWY-HI	77.41560	6,096 m			
TAMID	G450	20.68830	20,000 ft	25	-	
FIX	AWY-HI	77.84890	6,096 m			
NNP	G450	21.11160	20,000 ft	70	NAGPUR VOR-DME	
DME	AWY-HI	79.01990	6,096 m			
NNP	-	21.08130	20,000 ft	2	NAGPUR	
VOR	-	79.05610	6,096 m			
DIVTA	G450	21.50250	20,000 ft	89	-	
FIX	AWY-HI	80.59360	6,096 m			
DOSAT	G450	21.69250	20,000 ft	41	-	
FIX	AWY-HI	81.30670	6,096 m			
OPONI	G450	21.78420	20,000 ft	19	-	
FIX	AWY-HI	81.64000	6,096 m			
NIPAD	G450	21.87170	20,000 ft	20	-	
FIX	AWY-HI	81.99810	6,096 m			
OTABA	G450	22.18420	20,000 ft	76	-	
FIX	AWY-HI	83.32310	6,096 m			
KINKI	G450	22.32170	20,000 ft	34	-	
FIX	AWY-HI	83.92720	6,096 m			
AGROM	G450	22.52920	20,000 ft	51	-	
FIX	AWY-HI	84.83330	6,096 m			
JJS	G450	22.81320	20,000 ft	76	JAMSHEDPUR	
VOR	AWY-HI	86.17390	6,096 m			
CEA	A791	22.67600	20,000 ft	126	KOLKATA	
VOR	AWY-HI	88.44810	6,096 m			
CEA	-	22.64520	20,000 ft	1	KOLKATA VOR-DME	
DME	-	88.45290	6,096 m			
SUMAG	B465	22.59420	20,000 ft	27	-	
FIX	AWY-HI	88.94060	6,096 m			
DAKID	B465	22.30920	20,000 ft	136	-	
FIX	AWY-HI	91.38060	6,096 m			
CTG	B465	22.25770	20,000 ft	25	CHATTOGRAM	
VOR	AWY-HI	91.82750	6,096 m			
AVDAX	B465	22.22580	20,000 ft	24	-	
FIX	AWY-HI	92.27360	6,096 m			
APAGO	B465	22.20310	20,000 ft	20	-	
FIX	AWY-HI	92.64940	6,096 m			
70MDY	B465	22.17860	20,000 ft	22	-	
FIX	AWY-HI	93.04860	6,096 m			
MDY	B465	21.93430	20,000 ft	172	MANDALAY	
VOR	AWY-HI	96.12980	6,096 m			
AKSAG	B465	20.81670	20,000 ft	251	-	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	100.46700	6,096 m		
LADON	B214	21.10360	20,000 ft	141	-
FIX	AWY-HI	102.96700	6,096 m		
BQ	B214	21.21490	20,000 ft	60	NASAN
NDB	AWY-HI	104.03800	6,096 m		
HUVAN	W21	21.20830	20,000 ft	60	-
FIX	AWY-HI	105.11100	6,096 m		
NOB	W21	21.21300	20,000 ft	40	NOI BAI (HANOI)
VOR	AWY-HI	105.83500	6,096 m		
NAKHA	R474	21.96670	20,000 ft	58	-
FIX	AWY-HI	106.49300	6,096 m		
TEBAK	R474	22.17500	20,000 ft	16	-
FIX	AWY-HI	106.67500	6,096 m		
LON	R474	22.35670	20,000 ft	15	LONGZHOU
VOR	AWY-HI	106.86800	6,096 m		
XEREN	R474	22.42670	20,000 ft	21	-
FIX	AWY-HI	107.25500	6,096 m		
WUY	R474	22.58600	20,000 ft	50	NANNING
VOR	AWY-HI	108.15000	6,096 m		
VAPNA	R474	22.69500	20,000 ft	54	-
FIX	AWY-HI	109.12200	6,096 m		
OSIKA	R474	22.85500	20,000 ft	79	-
FIX	AWY-HI	110.55300	6,096 m		
GYA	R474	23.07000	20,000 ft	107	GAOYAO
VOR	AWY-HI	112.48700	6,096 m		
VHHH	-	22.30890	0 ft	91	Hong Kong Intl
APT	-	113.91500	0 m		

VABB

Region: INDIA
Timezone: ASIA/KOLKATA
Runways: 2

Elevation: 39 ft / 12 m
Location: 19.089100 72.865600
Magnetic Var: 0.258 E

METAR

VABB 212000Z 23005KT 3000 BR NSC 31/27 Q1003 NOSIG

TAF

TAF VABB 211700Z 2118/2224 24007KT 4000 BR HZ FEW020 BECMG 2122/2124 17005KT 3000 BR HZ BECMG 2203/2205 23006KT 4000

Frequencies

REC - 126.40 MHz - MUMBAI INFORMATION	GND - 121.75 MHz - MUMBAI GROUND
GND - 121.85 MHz - MUMBAI GROUND	GND - 121.90 MHz - MUMBAI GROUND
TWR - 118.10 MHz - MUMBAI TOWER	TWR - 122.50 MHz - MUMBAI TOWER
APP - 119.30 MHz - MUMBAI APPROACH	APP - 120.35 MHz - MUMBAI APPROACH
APP - 127.90 MHz - MUMBAI APPROACH	APP - 120.50 MHz - MUMBAI RADAR
APP - 125.35 MHz - MUMBAI RADAR	APP - 132.70 MHz - MUMBAI RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	197 ft	11,297 ft	89.15	ASPHALT	466 ft	0 ft
	60 m	3,443 m	88.89		142 m	0 m
27	197 ft	11,297 ft	269.16	ASPHALT	1,585 ft	135 ft
	60 m	3,443 m	268.90		483 m	41 m
14	150 ft	9,434 ft	134.27	ASPHALT	1,339 ft	203 ft
	46 m	2,875 m	134.02		408 m	62 m
32	150 ft	9,434 ft	314.28	ASPHALT	853 ft	203 ft
	46 m	2,875 m	314.02		260 m	62 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	IBOM	109.50 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
14	DME	IBBY	110.10 MHz	18 nm	-	-	37 ft
				33 km	-		37 m
27	DME	ISCZ	110.30 MHz	18 nm	-	-	37 ft
				33 km	-		37 m
09	LOC-ILS	IBOM	109.50 MHz	18 nm	89.16	-	39 ft
				33 km	88.90		39 m
14	LOC-ILS	IBBY	110.10 MHz	18 nm	134.28	-	39 ft
				33 km	134.02		39 m
27	LOC-ILS	ISCZ	110.30 MHz	18 nm	269.16	-	39 ft
				33 km	268.90		39 m
09	GS	IBOM	109.50 MHz	10 nm	89.16	3.00	39 ft
				19 km	88.90		39 m
14	GS	IBBY	110.10 MHz	10 nm	134.28	3.00	39 ft
				19 km	134.02		39 m
27	GS	ISCZ	110.30 MHz	10 nm	269.16	3.30	39 ft
				19 km	268.90		39 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 212000Z 33010KT 9000 FEW006 SCT012 25/24 Q1008 NOSIG

TAF

TAF TAF VHHH 212000Z 2121/2303 34010KT 8000 FEW008 SCT015 TX27/2206Z TN24/2122Z TN25/2222Z TEMPO 2123/2203 4000 S

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