

VABB

Mumbai Chhatrapati Shivaji Intl

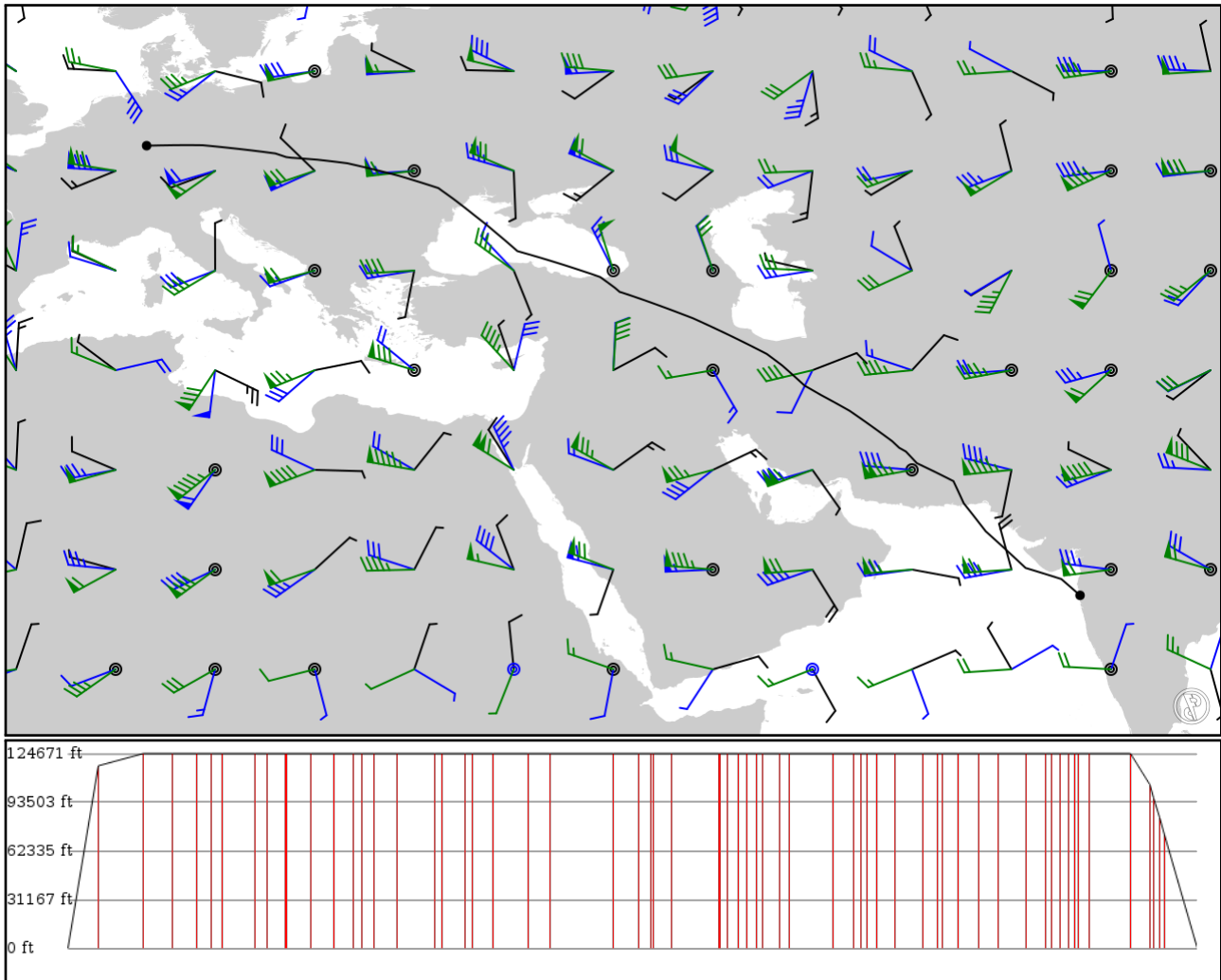
EDDF

Frankfurt

2024/06/12 1245Z

VABB EXOLU **M638** IGANU **P518** PARET **G208** PG PG **G208** KEBUD **L124** SODOK **Q13** DANIX **T216** DAR **G208** RADAL
J7 TRN **UM573** TBZ TBZ **R660** ERZ ERZ **UL851** HOCAM **UW71** BAVTI **UL851** KUGOS **M860** NETED **N190** MALBE **P27**
MAKAL **L624** LABUK **Y444** ELMEK **L726** OKG **UL984** LONLI EDDF

3628.26 nm / 6719.53 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- 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
VABB	-	19.08910	0 ft	-	Mumbai Chhatrapati Shivaji Intl
APT	-	72.86560	0 m	-	
EXOLU	-	20.21390	35,600 ft	99	-
FIX	-	71.56940	10,851 m	-	
KARKU	M638	20.97430	38,000 ft	145	-
FIX	AWY-HI	69.11080	11,582 m	-	
IGANU	M638	22.06940	38,000 ft	92	-
FIX	AWY-HI	67.93470	11,582 m	-	
RITPO	P518	22.95780	38,000 ft	75	-
FIX	AWY-HI	66.96330	11,582 m	-	
KABIM	P518	23.50060	38,000 ft	46	-
FIX	AWY-HI	66.35860	11,582 m	-	
PAXUR	P518	23.99080	38,000 ft	36	-
FIX	AWY-HI	65.97920	11,582 m	-	
PARET	P518	25.42170	38,000 ft	105	-
FIX	AWY-HI	64.85060	11,582 m	-	
BINUR	G208	26.00000	38,000 ft	37	-
FIX	AWY-HI	64.58390	11,582 m	-	
PG	G208	26.95280	38,000 ft	62	PANJGUR
VOR	AWY-HI	64.13700	11,582 m	-	
PG	-	26.95560	38,000 ft	0	PANJGUR VOR-DME
DME	-	64.12530	11,582 m	-	
KEBUD	G208	27.59780	38,000 ft	78	-
FIX	AWY-HI	62.84000	11,582 m	-	
SODOK	L124	28.18690	38,000 ft	74	-
FIX	AWY-HI	61.61440	11,582 m	-	
DANIX	Q13	28.98750	38,000 ft	62	-
FIX	AWY-HI	60.86110	11,582 m	-	
DANOV	T216	29.24560	38,000 ft	28	-
FIX	AWY-HI	60.39920	11,582 m	-	
MIRAD	T216	29.69280	38,000 ft	36	-
FIX	AWY-HI	59.92250	11,582 m	-	
SITAK	T216	30.52110	38,000 ft	77	-
FIX	AWY-HI	58.78940	11,582 m	-	
DAR	T216	31.78320	38,000 ft	119	DARBAND
VOR	AWY-HI	56.99460	11,582 m	-	
NIVRA	G208	31.98470	38,000 ft	21	-
FIX	AWY-HI	56.63610	11,582 m	-	
SOGOT	G208	32.66890	38,000 ft	75	-
FIX	AWY-HI	55.39420	11,582 m	-	
NODLA	G208	32.89170	38,000 ft	24	-
FIX	AWY-HI	54.98060	11,582 m	-	
VAXUG	G208	33.52530	38,000 ft	67	-
FIX	AWY-HI	53.87780	11,582 m	-	
RADAL	G208	34.90640	38,000 ft	112	-
FIX	AWY-HI	52.33970	11,582 m	-	
TRN	J7	35.69700	38,000 ft	70	TEHRAN
VOR	AWY-HI	51.28380	11,582 m	-	
DAMOS	UM573	37.43860	38,000 ft	199	-
FIX	AWY-HI	47.75580	11,582 m	-	
TBZ	UM573	38.13910	38,000 ft	83	TABRIZ VORTAC
DME	AWY-HI	46.23090	11,582 m	-	
TBZ	-	38.14820	38,000 ft	1	TABRIZ

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	-	46.21270	11,582 m		
VUVAG	R660	38.42470	38,000 ft	37	-
FIX	AWY-HI	45.49060	11,582 m		
BORES	R660	38.47470	38,000 ft	6	-
FIX	AWY-HI	45.36030	11,582 m		
DASIS	R660	38.90860	38,000 ft	59	-
FIX	AWY-HI	44.20810	11,582 m		
ERZ	R660	39.95670	38,000 ft	152	ERZURUM
VOR	AWY-HI	41.20710	11,582 m		
ERZ	-	39.95880	38,000 ft	2	ERZURUM TACAN
DME	-	41.15310	11,582 m		
HOCAM	UL851	40.24580	38,000 ft	23	-
FIX	AWY-HI	40.82000	11,582 m		
BAVTI	UW71	40.66280	38,000 ft	35	-
FIX	AWY-HI	40.25460	11,582 m		
TBN	UL851	40.99530	38,000 ft	28	TRABZON
VOR	AWY-HI	39.79560	11,582 m		
ERIDU	UL851	41.21530	38,000 ft	31	-
FIX	AWY-HI	39.16980	11,582 m		
TOLUN	UL851	41.34000	38,000 ft	18	-
FIX	AWY-HI	38.79000	11,582 m		
OLUPO	UL851	41.70860	38,000 ft	55	-
FIX	AWY-HI	37.66190	11,582 m		
KARDE	UL851	41.90390	38,000 ft	29	-
FIX	AWY-HI	37.04530	11,582 m		
KUGOS	UL851	42.78060	38,000 ft	141	-
FIX	AWY-HI	34.08780	11,582 m		
ABRAN	M860	43.61720	38,000 ft	65	-
FIX	AWY-HI	33.12220	11,582 m		
TUNSA	M860	43.92330	38,000 ft	24	-
FIX	AWY-HI	32.75830	11,582 m		
NEVKA	M860	44.15750	38,000 ft	18	-
FIX	AWY-HI	32.47640	11,582 m		
BOMKI	M860	44.53500	38,000 ft	29	-
FIX	AWY-HI	32.03000	11,582 m		
DIGAM	M860	45.25830	38,000 ft	58	-
FIX	AWY-HI	31.11170	11,582 m		
ANEDO	M860	46.36330	38,000 ft	89	-
FIX	AWY-HI	29.69190	11,582 m		
KIV	M860	46.92600	38,000 ft	46	CHISINAU
VOR	AWY-HI	28.90450	11,582 m		
NETED	M860	47.11440	38,000 ft	15	-
FIX	AWY-HI	28.64920	11,582 m		
DOBOK	N190	47.49330	38,000 ft	53	-
FIX	AWY-HI	27.46940	11,582 m		
BUKOV	N190	47.95170	38,000 ft	66	-
FIX	AWY-HI	25.95830	11,582 m		
BANUV	N190	48.32330	38,000 ft	62	-
FIX	AWY-HI	24.50060	11,582 m		
MALBE	N190	48.82390	38,000 ft	89	-
FIX	AWY-HI	22.37500	11,582 m		
UDREL	P27	49.01030	38,000 ft	61	-
FIX	AWY-HI	20.83610	11,582 m		
PPD	P27	49.06470	38,000 ft	19	TATRY
VOR	AWY-LO	20.35010	11,582 m		
LIPMU	P27	49.12310	38,000 ft	28	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	19.62310	11,582 m		
RUTKI	P27	49.17330	38,000 ft	26	-
FIX	AWY-LO	18.94010	11,582 m		
ZLA	P27	49.20290	38,000 ft	16	ZILINA
NDB	AWY-LO	18.51040	11,582 m		
MAKAL	P27	49.24600	38,000 ft	13	-
FIX	AWY-LO	18.16570	11,582 m		
LABUK	L624	49.49850	38,000 ft	33	-
FIX	AWY-HI	17.41080	11,582 m		
ELMEK	Y444	49.90390	38,000 ft	133	-
FIX	AWY-HI	14.02990	11,582 m		
OKG	L726	50.06510	31,900 ft	63	CHEB
VOR	AWY-HI	12.40570	9,723 m		
ABERU	UL984	50.06920	29,300 ft	12	-
FIX	AWY-HI	12.09370	8,931 m		
KULOK	UL984	50.07280	25,500 ft	17	-
FIX	AWY-HI	11.63050	7,772 m		
LONLI	UL984	50.07470	22,100 ft	15	-
FIX	AWY-HI	11.22640	6,736 m		
EDDF	-	50.03260	0 ft	103	Frankfurt
APT	-	8.54067	0 m		

VABB

Region: INDIA
Timezone: ASIA/KOLKATA
Runways: 2

Elevation: 39 ft / 12 m
Location: 19.089100 72.865600
Magnetic Var: 0.262 E

METAR

VABB 121230Z 22009KT 4000 HZ FEW020 SCT025 FEW025TCU 32/27 Q1005 NOSIG

TAF

VABB 121100Z 1212/1318 25008KT 4000 -RA HZ SCT018 FEW025TCU BKN090 TEMPO 1215/1224 1500 -RA SHRA SCT015 FEW030CB T

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	134.01		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

EDDF

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 4

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.185 E

METAR

EDDF 121220Z AUTO VRB06KT CAVOK 19/04 Q1018 NOSIG

TAF

TAF TAF EDDF 121100Z 1212/1318 29008KT CAVOK BECMG 1221/1223 33003KT BECMG 1308/1310 23006KT

Frequencies

REC - 118.02 MHz - ATIS ARRIVAL
GND - 121.80 MHz - GROUND
GND - 121.70 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER
TWR - 124.85 MHz - TOWER
TWR - 136.50 MHz - TOWER
APP - 127.27 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 119.90 MHz - TOWER
TWR - 127.32 MHz - TOWER
CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 118.50 MHz - FRANKFURT DIRECT
APP - 126.55 MHz - LANGEN RADAR
APP - 120.15 MHz - LANGEN RADAR
APP - 119.02 MHz - LANGEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	9,194 ft	69.56	CONCRETE	0 ft	0 ft
	45 m	2,802 m	66.38		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.41		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.39		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.43		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.40		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.44		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.45		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.45		0 m	37 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm	-	-	357 ft
				33 km	-		357 m
25C	DME	IFCW	111.55 MHz	18 nm	-	-	364 ft
				33 km	-		364 m
25R	DME	IFNW	111.35 MHz	18 nm	-	-	357 ft
				33 km	-		357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.41		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.40		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.43		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.41		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.43		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.40		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.41		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.40		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.43		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.41		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.43		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.40		362 m