

EDDM

Muenchen Franz-Josef Strauss

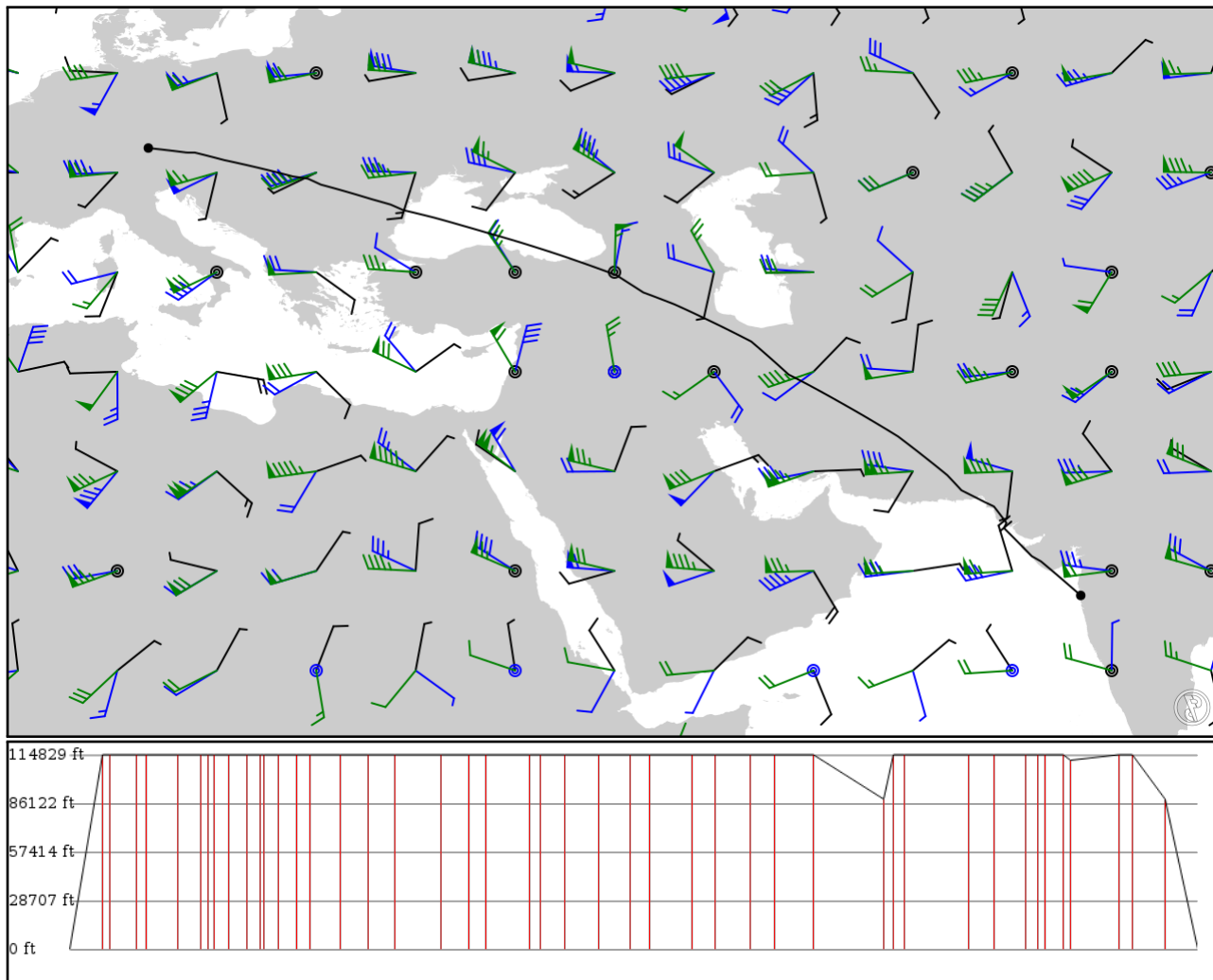
VABB

Bombay Mumbai Chhatrapati Shivaji Intl

2024/05/07 0405Z

EDDM BAGSI **UL856** SITNI **UL851** EVRIK **UL602** NEPOT **UL851** RIVOS **UL620** CND **UL851** TBN **UP146** ARI **UT30**
DASIS **UL333** TBZ **UM573** TRN **G208** PG **G210** KC **M638** SAPNA **B342** EXOLU VABB

3445.75 nm / 6381.52 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
EDDM	-	48.35379	0 ft	-	Muenchen Franz-Josef Strauss
APT	-	11.78612	0 m	-	
BAGSI	-	48.05782	35,000 ft	101	-
FIX	-	14.28972	10,668 m	-	
SITNI	UL856	48.05423	35,000 ft	21	-
FIX	AWY-HI	14.83461	10,668 m	-	
ARSIN	UL851	47.56640	35,000 ft	82	-
FIX	AWY-HI	16.75283	10,668 m	-	
SUBES	UL851	47.42041	35,000 ft	28	-
FIX	AWY-HI	17.42566	10,668 m	-	
BABOX	UL851	46.89574	35,000 ft	97	-
FIX	AWY-HI	19.68304	10,668 m	-	
DEGET	UL851	46.49354	35,000 ft	69	-
FIX	AWY-HI	21.26724	10,668 m	-	
BAXER	UL851	46.42414	35,000 ft	20	-
FIX	AWY-HI	21.75280	10,668 m	-	
EVRIK	UL851	46.35190	35,000 ft	20	-
FIX	AWY-HI	22.24225	10,668 m	-	
NEPOT	UL602	45.96030	35,000 ft	42	-
FIX	AWY-HI	23.08808	10,668 m	-	
GAVRI	UL851	45.62196	35,000 ft	55	-
FIX	AWY-HI	24.32341	10,668 m	-	
OLERU	UL851	45.36262	35,000 ft	41	-
FIX	AWY-HI	25.22936	10,668 m	-	
PELUR	UL851	45.28674	35,000 ft	11	-
FIX	AWY-HI	25.48824	10,668 m	-	
DENAK	UL851	45.00228	35,000 ft	43	-
FIX	AWY-HI	26.43569	10,668 m	-	
RIVOS	UL851	44.65570	35,000 ft	55	-
FIX	AWY-HI	27.65471	10,668 m	-	
CND	UL620	44.29446	35,000 ft	41	CONSTANTA VOR-DME
VOR	AWY-HI	28.47952	10,668 m	-	
ADINA	UL851	43.80300	35,000 ft	92	-
FIX	AWY-HI	30.50343	10,668 m	-	
LAGIR	UL851	43.29302	35,000 ft	84	-
FIX	AWY-HI	32.31346	10,668 m	-	
KUGOS	UL851	42.78056	35,000 ft	83	-
FIX	AWY-HI	34.08778	10,668 m	-	
KARDE	UL851	41.90389	35,000 ft	141	-
FIX	AWY-HI	37.04528	10,668 m	-	
TOLUN	UL851	41.34000	35,000 ft	85	-
FIX	AWY-HI	38.79000	10,668 m	-	
TBN	UL851	40.99528	35,000 ft	49	TRABZON NDB
NDB	AWY-HI	39.79556	10,668 m	-	
YAVUZ	UP146	40.04444	35,000 ft	133	-
FIX	AWY-HI	42.43333	10,668 m	-	
ARI	UP146	39.67167	35,000 ft	35	AGRI VOR-DME
VOR	AWY-HI	43.02056	10,668 m	-	
DASIS	UT30	38.90861	35,000 ft	71	-
FIX	AWY-HI	44.20806	10,668 m	-	
TBZ	UL333	38.13908	35,000 ft	105	TABRIZ VORTAC
VOR	AWY-HI	46.23089	10,668 m	-	
DAMOS	UM573	37.34056	35,000 ft	95	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	47.96222	10,668 m		
ASPOK	UM573	36.84167	35,000 ft	58	-
FIX	AWY-HI	49.00278	10,668 m		
TRN	UM573	35.69697	35,000 ft	130	TEHRAN VOR-DME
VOR	AWY-HI	51.28378	10,668 m		
RADAL	G208	34.85000	35,000 ft	70	-
FIX	AWY-HI	52.26528	10,668 m		
ANK	G208	33.53753	35,000 ft	107	ANARAK VOR-DME
VOR	AWY-HI	53.72967	10,668 m		
NODLA	G208	32.89167	35,000 ft	73	-
FIX	AWY-HI	54.98056	10,668 m		
DAR	G208	31.78317	35,000 ft	121	DARBAND VOR-DME
VOR	AWY-HI	56.99456	10,668 m		
DAPAP	G208	29.77500	27,000 ft	214	-
FIX	AWY-HI	60.43167	8,230 m		
ZDN	G208	29.48675	35,000 ft	30	ZAHEDAN VOR-DME
VOR	AWY-HI	60.90161	10,668 m		
DANIB	G208	29.15861	35,000 ft	30	-
FIX	AWY-HI	61.33444	10,668 m		
PG	G208	26.95561	35,000 ft	198	PANJGUR VOR-DME
VOR	AWY-HI	64.12528	10,668 m		
DOSTI	G210	25.96694	35,000 ft	77	-
FIX	AWY-HI	65.05028	10,668 m		
KAJAL	G210	25.18361	35,000 ft	96	-
FIX	AWY-HI	66.60028	10,668 m		
KC	G210	24.91048	35,000 ft	35	KARACHI VOR-DME
VOR	AWY-HI	67.17665	10,668 m		
NANSI	M638	24.58333	35,000 ft	24	-
FIX	AWY-HI	67.43333	10,668 m		
MINAR	M638	23.83389	35,000 ft	54	-
FIX	AWY-HI	68.00000	10,668 m		
SAPNA	M638	23.50056	34,000 ft	22	-
FIX	AWY-HI	67.83333	10,363 m		
TARAB	B342	21.65453	35,000 ft	150	-
FIX	AWY-HI	69.66092	10,668 m		
TAXUN	B342	21.31778	35,000 ft	39	-
FIX	AWY-HI	70.26194	10,668 m		
EXOLU	B342	20.21383	27,000 ft	98	-
FIX	AWY-HI	71.56956	8,230 m		
VABB	-	19.08898	0 ft	99	Bombay Mumbai Chhatrapati Shivaji Intl
APT	-	72.86591	0 m		

EDDM

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.940 E

METAR

EDDM 070320Z AUTO 24008KT 9999 OVC039 11/10 Q1013 NOSIG

TAF

TAF EDDM 062300Z 0700/0806 25006KT 9999 BKN030 PROB30 TEMPO 0702/0707 BKN010 BECMG 0709/0711 35004KT TEMPO 0722/0

Frequencies

REC - 123.12 MHz - MUENCHEN ATIS	COM - 122.80 MHz - MUENCHEN UNICOM
CLD - 121.72 MHz - MUENCHEN DELIVERY	GND - 121.97 MHz - MUENCHEN GROUND NORTH
GND - 121.82 MHz - MUENCHEN GROUND SOUTH	GND - 121.77 MHz - MUENCHEN APRON 1
GND - 121.70 MHz - MUENCHEN APRON 2	GND - 121.92 MHz - MUENCHEN APRON 3
TWR - 120.50 MHz - MUENCHEN TOWER SOUTH	TWR - 118.70 MHz - MUENCHEN TOWER NORTH
APP - 123.90 MHz - MUENCHEN RADAR NORTH	APP - 127.95 MHz - MUENCHEN RADAR SOUTH
APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH	APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH
APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH	APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	197 ft	13,135 ft	83.39	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.45		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.49		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.43		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.47		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IMNE	109.50 MHz	18 nm	83.41	-	1,484 ft
				33 km	79.47		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.45		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.45		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.47		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.47		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.45		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.45		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.47		1,484 m

VABB

Region: INDIA
Timezone: ASIA/KOLKATA
Runways: 2

Elevation: 39 ft / 12 m
Location: 19.089100 72.865600
Magnetic Var: 0.256 E

METAR

VABB 070330Z 32003KT 4000 HZ SCT020 31/23 Q1009 NOSIG

TAF

TAF VABB 062300Z 0700/0806 32005KT 2500 BR HZ FEW020 BECMG 0703/0705 28008KT 3000 BR HZ SCT020 BECMG 0707/0709 2800

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	88.90		142 m	0 m
27	197 ft	11,297 ft	269.16	ASPHALT	1,585 ft	135 ft
	60 m	3,443 m	268.91		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