

VABB

Bombay Mumbai Chhatrapati Shivaji Intl

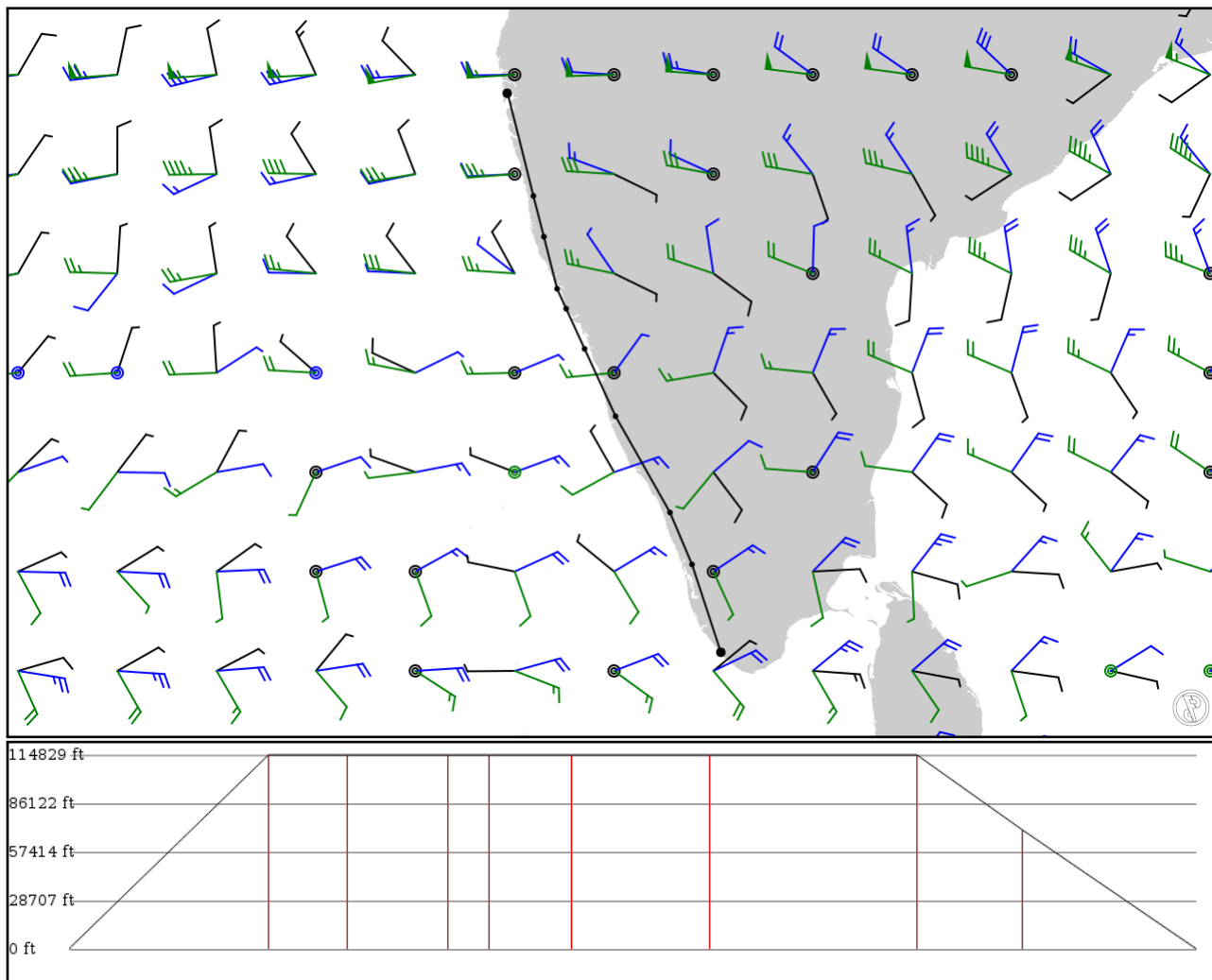
VOTV

THIRUVANANTHAPURAM INTL

2024/05/05 0351Z

VABB BBB **R461** MABTA **W15N** GGO **W15** CLC **W15N** CIA VOTV

683.22 nm / 1265.32 km



Notes

Basic altitude profile:

- Ascent Rate: 3600ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 33500ft
- Cruise Speed: 385kts
- Descent Rate: 2800ft/min
- Descent Speed: 225kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
VABB	-	19.08898	0 ft	-	Bombay Mumbai Chhatrapati Shivaji Intl	
APT	-	72.86591	0 m			
BBB	-	19.08539	200 ft	0	MUMBAI VOR-DME	
VOR	-	72.87536	61 m			
MABTA	R461	17.14133	35,000 ft	120	-	
FIX	AWY-LO	73.36267	10,668 m			
UDULO	W15N	16.36778	35,000 ft	47	-	
FIX	AWY-HI	73.56181	10,668 m			
GGO	W15N	15.37981	35,000 ft	61	GOA VOR-DME	
VOR	AWY-HI	73.81261	10,668 m			
GUPOL	W15	15.00123	35,000 ft	24	-	
FIX	AWY-HI	73.98453	10,668 m			
ALDIN	W15	14.23967	35,000 ft	50	-	
FIX	AWY-HI	74.33422	10,668 m			
MML	W15	12.96128	35,000 ft	84	MANGALORE VOR-DME	
VOR	AWY-HI	74.92164	10,668 m			
CLC	W15	11.13515	35,000 ft	125	CALICUT VOR-DME	
VOR	AWY-HI	75.95485	10,668 m			
CIA	W15N	10.15050	21,500 ft	64	COCHIN INTL VOR-DME	
VOR	AWY-HI	76.37258	6,553 m			
VOTV	-	8.48212	0 ft	105	THIRUVANANTHAPURAM INTL	
APT	-	76.92012	0 m			

VABB

Region: INDIA
Timezone: ASIA/KOLKATA
Runways: 2

Elevation: 39 ft / 12 m
Location: 19.089100 72.865600
Magnetic Var: 0.255 E

METAR

VABB 050330Z 27005KT 3000 BR FEW020 SCT025 31/26 Q1008 NOSIG

TAF

TAF VABB 042300Z 0500/0606 08003KT 2500 BR FEW020 BECMG 0502/0504 26007KT 3000 HZ FEW100 BECMG 0507/0509 27012KT 4

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

VOTV

```
Region: INDIA
Timezone: ASIA/KOLKATA
Runways: 1
```

Elevation: 17 ft / 5 m
Location: 8.482240 76.919800
Magnetic Var: 1.474 W

METAR

VOTV 050330Z 35007KT 5000 HZ SCT015 FEW025TCU 32/26 Q1009 NOSIG

TAF

TAF VOTV 042300Z 0500/0606 32005KT 3000 BR FEW015 SCT080 BECMG 0503/0505 30010KT 6000 SCT015 FEW025TCU BECMG 0508

Frequencies

REC - 126.60 MHz -	GND - 121.90 MHz - THIRUVANANTHAPURAM GROUND
THIRUVANANTHAPURAM INFORMATION	APP - 119.60 MHz - THIRUVANANTHAPURAM APPROACH
TWR - 118.10 MHz - THIRUVANANTHAPURAM TOWER	APP - 132.25 MHz - THIRUVANANTHAPURAM RADAR
APP - 125.95 MHz - THIRUVANANTHAPURAM RADAR	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	148 ft	11,100 ft	136.04	ASPHALT	1,342 ft	0 ft
	45 m	3,383 m	137.51		409 m	0 m
32	148 ft	11,100 ft	316.04	ASPHALT	443 ft	0 ft
	45 m	3,383 m	317.51		135 m	0 m

Approach NavAids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32	DME	ITDM	109.90 MHz	18 nm	–	–	15 ft
				33 km	–		15 m
32	LOC-ILS	ITDM	109.90 MHz	18 nm	316.05	–	14 ft
				33 km	317.52		14 m
32	GS	ITDM	109.90 MHz	10 nm	316.05	3.00	14 ft
				19 km	317.52		14 m