

VIDP

Indira Gandhi Intl

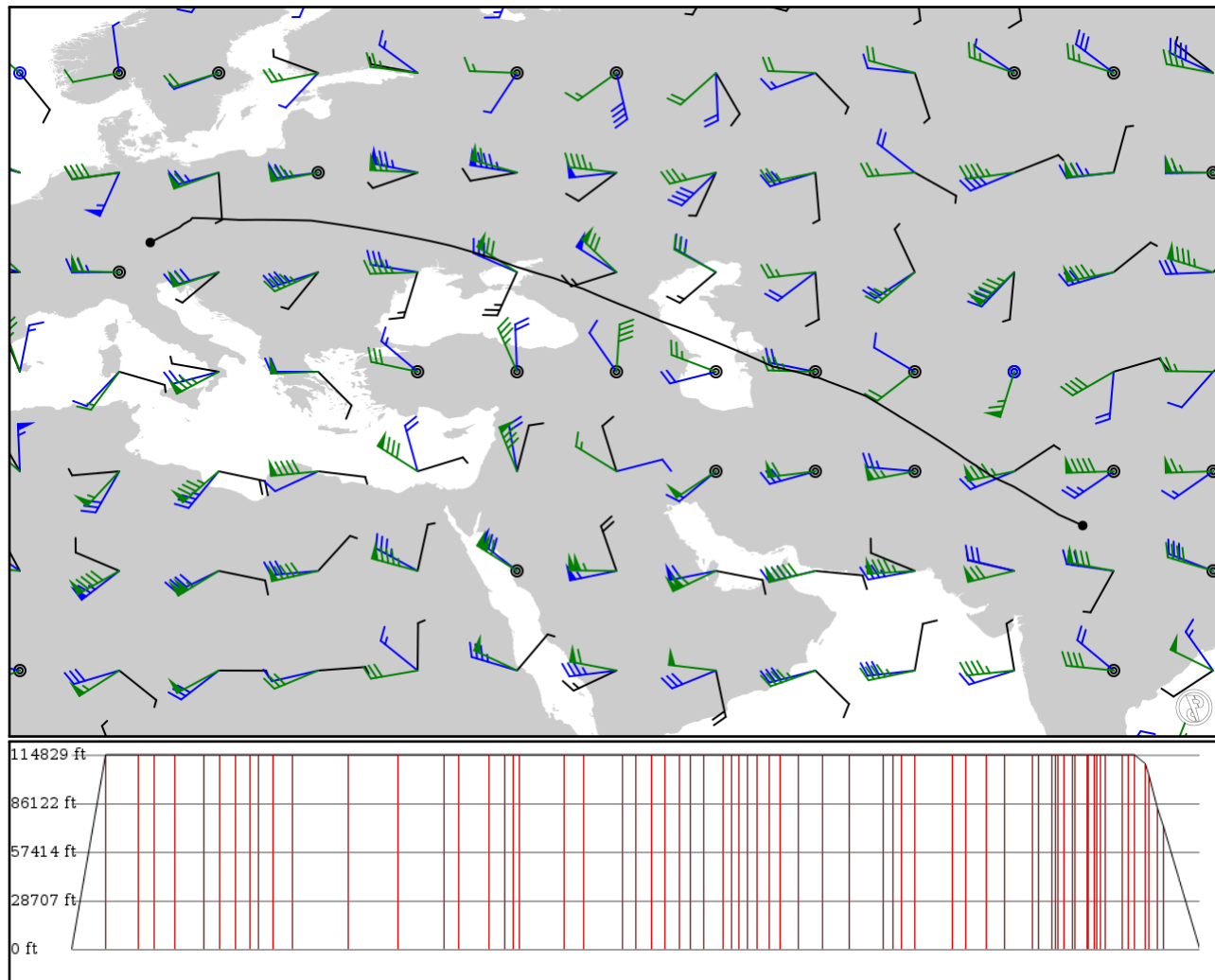
EDDM

Muenchen International Airport Franz-Josef Strauss

2024/05/16 0419Z

VIDP BUTOP **M875** JHANG **A466** DI **J145** REGET **N644** LEMOD **A909** BIBIM **B450** MARAL **M23** BISNA **B491** MKL **B494**
OLGIN **M991** NIROV **L984** BEKVI ELPON NEPOV ROXUL EDDM

3245.03 nm / 6009.80 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: no

- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VIDP	-	28.55850	0 ft	-	Indira Gandhi Intl
APT	-	77.09790	0 m		
BUTOP	-	29.32920	35,000 ft	100	-
FIX	-	75.39890	10,668 m		
GUGAL	M875	30.24170	35,000 ft	92	-
FIX	AWY-HI	73.96580	10,668 m		
NIKET	M875	30.68190	35,000 ft	45	-
FIX	AWY-HI	73.25830	10,668 m		
JHANG	M875	31.26670	35,000 ft	60	-
FIX	AWY-HI	72.29940	10,668 m		
DI	A466	31.91260	35,000 ft	82	DERA ISMAIL KHAN
VOR	AWY-HI	70.88570	10,668 m		
REGET	J145	32.37000	35,000 ft	45	-
FIX	AWY-HI	70.18310	10,668 m		
PAVLO	N644	32.86670	35,000 ft	48	-
FIX	AWY-HI	69.43330	10,668 m		
MESRA	N644	33.27750	35,000 ft	40	-
FIX	AWY-HI	68.79890	10,668 m		
PATOX	N644	33.54830	35,000 ft	25	-
FIX	AWY-HI	68.42000	10,668 m		
NEVIV	N644	33.98000	35,000 ft	41	-
FIX	AWY-HI	67.78330	10,668 m		
VUVEN	N644	34.54170	35,000 ft	54	-
FIX	AWY-HI	66.92500	10,668 m		
LEMOD	N644	36.16670	35,000 ft	161	-
FIX	AWY-HI	64.29170	10,668 m		
UTAM	A909	37.62170	35,000 ft	144	-
FIX	AWY-HI	61.89670	10,668 m		
ABDAN	A909	38.59500	35,000 ft	133	-
FIX	AWY-HI	59.36670	10,668 m		
BODBA	A909	38.88670	35,000 ft	38	-
FIX	AWY-HI	58.62830	10,668 m		
KEKAL	A909	39.36830	35,000 ft	89	-
FIX	AWY-HI	56.80830	10,668 m		
ABEKO	A909	39.57500	35,000 ft	43	-
FIX	AWY-HI	55.89830	10,668 m		
BIBIM	A909	39.69500	35,000 ft	25	-
FIX	AWY-HI	55.35830	10,668 m		
MAHYM	B450	39.83170	35,000 ft	16	-
FIX	AWY-HI	55.04830	10,668 m		
TABAB	B450	40.90330	35,000 ft	128	-
FIX	AWY-HI	52.60830	10,668 m		
MARAL	B450	41.36000	35,000 ft	57	-
FIX	AWY-HI	51.50000	10,668 m		
BISNA	M23	42.23330	35,000 ft	112	-
FIX	AWY-HI	49.28330	10,668 m		
BALIP	B491	42.49360	35,000 ft	35	-
FIX	AWY-HI	48.57000	10,668 m		
MKL	B491	42.82120	35,000 ft	45	MAKHACHKALA
VOR	AWY-HI	47.64540	10,668 m		
UNEDI	B494	43.15140	35,000 ft	39	-
FIX	AWY-HI	46.86280	10,668 m		
GOTIK	B494	43.48970	35,000 ft	41	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	46.04030	10,668 m		
NEGUB	B494	43.73640	35,000 ft	30	-
FIX	AWY-HI	45.42530	10,668 m		
RISKA	B494	44.06640	35,000 ft	41	-
FIX	AWY-HI	44.58190	10,668 m		
BADKO	B494	44.51140	35,000 ft	53	-
FIX	AWY-HI	43.50690	10,668 m		
ALEGI	B494	44.72470	35,000 ft	25	-
FIX	AWY-HI	42.99860	10,668 m		
GIRTI	B494	44.90530	35,000 ft	20	-
FIX	AWY-HI	42.58500	10,668 m		
TESMI	B494	45.10920	35,000 ft	23	-
FIX	AWY-HI	42.11250	10,668 m		
LEGNA	B494	45.32140	35,000 ft	28	-
FIX	AWY-HI	41.50500	10,668 m		
ROTIM	B494	45.61330	35,000 ft	36	-
FIX	AWY-HI	40.73670	10,668 m		
UH	B494	45.85190	35,000 ft	30	TIKHORETSK
NDB	AWY-HI	40.09000	10,668 m		
INSER	B494	46.18140	35,000 ft	51	-
FIX	AWY-HI	38.95830	10,668 m		
OLGIN	B494	46.65830	35,000 ft	69	-
FIX	AWY-HI	37.42170	10,668 m		
TOKMU	M991	47.24670	35,000 ft	75	-
FIX	AWY-HI	35.79000	10,668 m		
DOTEL	M991	47.92060	35,000 ft	98	-
FIX	AWY-HI	33.57860	10,668 m		
REPLI	M991	48.11830	35,000 ft	30	-
FIX	AWY-HI	32.88830	10,668 m		
ETOKA	M991	48.24140	35,000 ft	22	-
FIX	AWY-HI	32.35780	10,668 m		
KOSNA	M991	48.44830	35,000 ft	38	-
FIX	AWY-HI	31.43330	10,668 m		
NIROV	M991	48.96640	35,000 ft	107	-
FIX	AWY-HI	28.84920	10,668 m		
KOROP	L984	49.15000	35,000 ft	41	-
FIX	AWY-HI	27.84500	10,668 m		
NALAD	L984	49.38830	35,000 ft	56	-
FIX	AWY-HI	26.45170	10,668 m		
GORKU	L984	49.60530	35,000 ft	55	-
FIX	AWY-HI	25.07220	10,668 m		
DIBED	L984	49.88830	35,000 ft	79	-
FIX	AWY-HI	23.05830	10,668 m		
VAREN	L984	49.89940	35,000 ft	15	-
FIX	AWY-HI	22.66830	10,668 m		
ATKEK	L984	49.92170	35,000 ft	38	-
FIX	AWY-HI	21.68390	10,668 m		
NATIX	L984	49.92670	35,000 ft	11	-
FIX	AWY-HI	21.38360	10,668 m		
LUXAR	L984	49.93000	35,000 ft	8	-
FIX	AWY-HI	21.17530	10,668 m		
GEVNA	L984	49.93500	35,000 ft	17	-
FIX	AWY-HI	20.72470	10,668 m		
MOKMU	L984	49.93940	35,000 ft	22	-
FIX	AWY-HI	20.14080	10,668 m		
XEVBA	L984	49.93970	35,000 ft	2	-

Ident Type	Via		Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI		20.08140	10,668 m		
SKAVI	L984		49.94030	35,000 ft	7	-
FIX	AWY-HI		19.90000	10,668 m		
USALO	L984		49.94030	35,000 ft	32	-
FIX	AWY-HI		19.06470	10,668 m		
NOMIX	L984		49.93970	35,000 ft	5	-
FIX	AWY-HI		18.92310	10,668 m		
LAVPI	L984		49.93560	35,000 ft	18	-
FIX	AWY-HI		18.45080	10,668 m		
PADKA	L984		49.93390	35,000 ft	6	-
FIX	AWY-HI		18.28330	10,668 m		
SOPAV	L984	49.93090	35,000 ft	8	-	
FIX	AWY-HI	18.05240	10,668 m			
RIBSI	L984	49.95380	35,000 ft	15	-	
FIX	AWY-HI	17.66180	10,668 m			
VAMBO	L984	50.01710	35,000 ft	47	-	
FIX	AWY-HI	16.43000	10,668 m			
DOBIL	L984	50.03870	35,000 ft	19	-	
FIX	AWY-HI	15.93740	10,668 m			
PEMUR	L984	50.05470	35,000 ft	15	-	
FIX	AWY-HI	15.53820	10,668 m			
BEKVI	L984	50.07340	33,400 ft	31	-	
FIX	AWY-HI	14.72240	10,180 m			
ELPON	-	49.92500	31,300 ft	9	-	
FIX	-	14.61730	9,540 m			
NEPOV	-	49.62470	25,400 ft	27	-	
FIX	-	14.08100	7,742 m			
ROXUL	-	49.41800	22,100 ft	15	-	
FIX	-	13.84280	6,736 m			
EDDM	-	48.35380	0 ft	103	Muenchen International Airport Franz-Josef Strauss	
APT	-	11.78610	0 m			

VIDP

Region: INDIA
Timezone: ASIA/KOLKATA
Runways: 3

Elevation: 778 ft / 237 m
Location: 28.558500 77.097900
Magnetic Var: 1.602 E

METAR

VIDP 160400Z 00000KT 3000 HZ NSC 36/12 Q1011 NOSIG

TAF

VIDP 152300Z 1600/1706 12003KT 3000 HZ NSC BECMG 1604/1606 32006KT 3500 HZ FEW100 BECMG 1608/1610 32010G20KT 4000

Frequencies

REC - 126.40 MHz - DELHI ATIS
TWR - 118.10 MHz - DELHI TOWER
APP - 124.20 MHz - DELHI APPROACH

GND - 121.90 MHz - DELHI GROUND
APP - 126.35 MHz - DELHI APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	197 ft	14,509 ft	103.69	ASPHALT	2,106 ft	0 ft
	60 m	4,422 m	102.09		642 m	0 m
29	197 ft	14,509 ft	283.72	ASPHALT	4,780 ft	0 ft
	60 m	4,422 m	282.11		1,457 m	0 m
10	150 ft	12,511 ft	104.69	ASPHALT	0 ft	883 ft
	46 m	3,813 m	103.09		0 m	269 m
28	150 ft	12,511 ft	284.71	ASPHALT	0 ft	476 ft
	46 m	3,813 m	283.10		0 m	145 m
09	150 ft	9,219 ft	91.44	ASPHALT	0 ft	197 ft
	46 m	2,810 m	89.84		0 m	60 m
27	150 ft	9,219 ft	271.46	ASPHALT	499 ft	0 ft
	46 m	2,810 m	269.85		152 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	DME	DEL	109.50 MHz	18 nm	-	-	777 ft
				33 km	-		777 m
27	DME	IDLH	110.50 MHz	18 nm	-	-	777 ft
				33 km	-		777 m
28	DME	IPLM	110.30 MHz	18 nm	-	-	777 ft
				33 km	-		777 m
09	LOC-ILS	IDIA	108.50 MHz	18 nm	91.45	-	778 ft
				33 km	89.85		778 m
10	LOC-ILS	IDEL	109.50 MHz	18 nm	104.70	-	778 ft
				33 km	103.10		778 m
27	LOC-ILS	IDLH	110.50 MHz	18 nm	271.45	-	778 ft
				33 km	269.85		778 m
28	LOC-ILS	IPLM	110.30 MHz	18 nm	284.70	-	778 ft
				33 km	283.10		778 m
11	LOC-ILS	IDMR	111.30 MHz	18 nm	103.71	-	778 ft
				33 km	102.11		778 m
29	LOC-ILS	IDGM	110.90 MHz	18 nm	283.71	-	778 ft
				33 km	282.11		778 m
09	GS	IDIA	108.50 MHz	10 nm	91.45	3.00	778 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				19 km	89.85		778 m
10	GS	IDEL	109.50 MHz	10 nm	104.70	3.00	778 ft
				19 km	103.10		778 m
27	GS	IDLH	110.50 MHz	10 nm	271.45	3.00	778 ft
				19 km	269.85		778 m
28	GS	IPLM	110.30 MHz	10 nm	284.70	3.00	778 ft
				19 km	283.10		778 m
11	GS	IDMR	111.30 MHz	10 nm	103.71	3.00	778 ft
				19 km	102.11		778 m
29	GS	IDGM	110.90 MHz	10 nm	283.71	3.00	778 ft
				19 km	282.11		778 m

EDDM

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

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.942 E

METAR

EDDM 160350Z AUTO VRB02KT CAVOK 13/10 Q1007 NOSIG

TAF

TAF AMD EDDM 160144Z 1601/1706 25005KT CAVOK PROB30 TEMPO 1605/1607 4000 -RA BKN012 BECMG 1605/1608 07006KT TEMPO

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