

OPKC

Karachi Jinnah Intl

PIA688

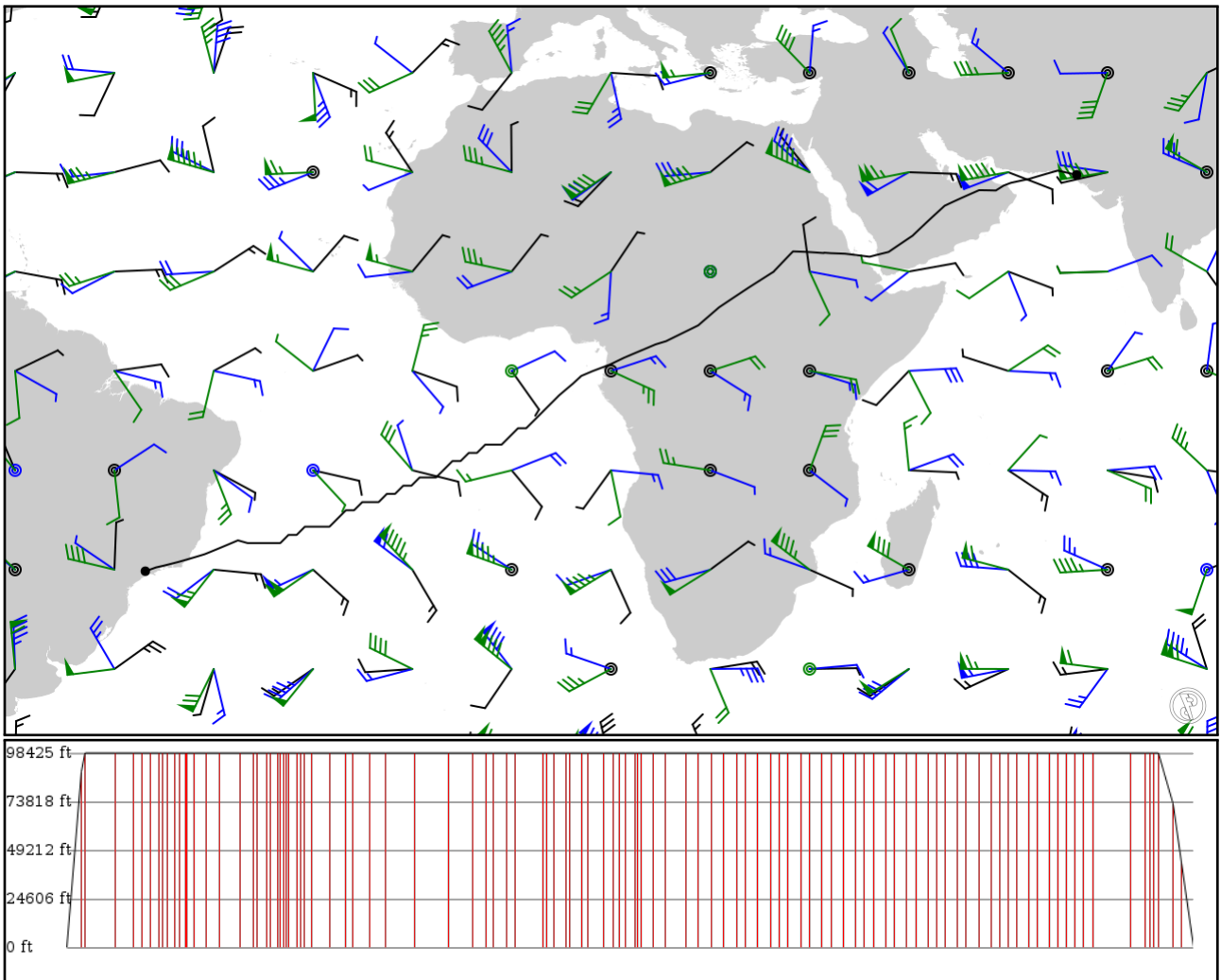
2024/05/20 0746Z

SBGR

Guarulhos-Andre Franco Montoro Intl

OPKC PUNEL **A454** VUSET **T500** MCT **T506** TULBU **M628** LUDID **UM628** RIGIL **G783** TANSU **UG783** PURDA **M318**
MUTAB RAKID **M318** SAA **M301** PURAD **B526** ASM ASM **B526** KSL KSL **B526** DENDI **UB526** KTM **UQ584** OBD OBD
UA410 IPANI **UQ583** STM **UB737** NAKUT 200S0400E 300S0300E 400S0200E 500S0100E 600S0000E 600S0100W
700S0200W 800S0300W 800S0400W 800S0500W 900S0600W 900S0700W 1000S0800W 1000S0900W 1100S0100W
1200S01100W 1200S01200W 1200S01300W 1300S01400W 1300S01500W 1400S01600W 1400S01700W 1500S01800W
1500S01900W 1500S02000W 1600S02100W 1600S02200W 1700S02300W 1800S02400W 1800S02500W 1800S02600W
1800S02700W 1900S02800W 1900S02900W 2000S03000W 2000S03100W 2000S03200W 2000S03300W 2000S03400W
OBKOL **UZ48** TOSIV **UZ50** SIDUR **UZ10** ILMIG SBGR

7581.70 nm / 14041.30 km



Notes

Basic altitude profile:

- Ascent Rate: 2400ft/min
- Ascent Speed: 253kts
- Cruise Altitude: 30000ft
- Cruise Speed: 530kts
- Descent Rate: 1500ft/min
- Descent Speed: 253kts

Boeing 777-200LR (PIA)

Options:

- Use NATs: yes
- Use PACOTS: no
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
OPKC	-	24.90660	0 ft	-	Karachi Jinnah Intl
APT	-	67.16080	0 m	-	
PUNEL	-	25.30970	27,100 ft	99	-
FIX	-	65.37920	8,260 m	-	-
PARET	A454	25.42170	30,000 ft	29	-
FIX	AWY-HI	64.85060	9,144 m	-	-
TAPDO	A454	24.40000	30,000 ft	201	-
FIX	AWY-HI	61.33330	9,144 m	-	-
VUSET	A454	23.92780	30,000 ft	123	-
FIX	AWY-HI	59.13670	9,144 m	-	-
MCT	T500	23.59110	30,000 ft	52	MUSCAT
VOR	AWY-HI	58.26010	9,144 m	-	
TULBU	T506	23.00140	30,000 ft	63	-
FIX	AWY-HI	57.30750	9,144 m	-	-
EGVAN	M628	23.02420	30,000 ft	54	-
FIX	AWY-HI	56.31860	9,144 m	-	-
LABSA	M628	23.03140	30,000 ft	22	-
FIX	AWY-HI	55.91810	9,144 m	-	-
LUDID	M628	23.04080	30,000 ft	34	-
FIX	AWY-HI	55.30000	9,144 m	-	-
RIGIL	UM628	23.02940	30,000 ft	3	-
FIX	AWY-HI	55.24170	9,144 m	-	-
TANSU	G783	22.69330	30,000 ft	47	-
FIX	AWY-HI	54.47440	9,144 m	-	-
OVAXI	UG783	22.49810	30,000 ft	27	-
FIX	AWY-HI	54.03280	9,144 m	-	-
BOSED	UG783	22.15890	30,000 ft	46	-
FIX	AWY-HI	53.27580	9,144 m	-	-
EMEGU	UG783	22.09810	30,000 ft	8	-
FIX	AWY-HI	53.14110	9,144 m	-	-
SILBU	UG783	21.75330	30,000 ft	46	-
FIX	AWY-HI	52.38440	9,144 m	-	-
PURDA	UG783	21.13470	30,000 ft	82	-
FIX	AWY-HI	51.05810	9,144 m	-	-
ASTIN	M318	20.06940	30,000 ft	91	-
FIX	AWY-HI	49.88890	9,144 m	-	-
KUTMA	M318	18.49080	30,000 ft	134	-
FIX	AWY-HI	48.20060	9,144 m	-	-
SHA	M318	17.47020	30,000 ft	86	SHARURAH
VOR	AWY-HI	47.13390	9,144 m	-	
NADKI	M318	17.23830	30,000 ft	24	-
FIX	AWY-HI	46.78500	9,144 m	-	-
RAGNI	M318	16.58170	30,000 ft	68	-
FIX	AWY-HI	45.80420	9,144 m	-	-
IMDEN	M318	16.35030	30,000 ft	24	-
FIX	AWY-HI	45.46220	9,144 m	-	-
MUTAB	M318	15.88720	30,000 ft	48	-
FIX	AWY-HI	44.78330	9,144 m	-	-
RAKID	-	15.69280	30,000 ft	20	-
FIX	-	44.49970	9,144 m	-	-
SAA	M318	15.49990	30,000 ft	19	SANAA
VOR	AWY-HI	44.21960	9,144 m	-	
MUTEX	M301	15.42330	30,000 ft	18	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	43.91250	9,144 m		
LUDOX	M301	15.34280	30,000 ft	19	-
FIX	AWY-HI	43.59000	9,144 m		
MIPIN	M301	15.10220	30,000 ft	57	-
FIX	AWY-HI	42.62640	9,144 m		
KIPAM	M301	15.00830	30,000 ft	22	-
FIX	AWY-HI	42.25720	9,144 m		
PURAD	M301	14.91670	30,000 ft	21	-
FIX	AWY-HI	41.89830	9,144 m		
ZULAC	B526	15.02670	30,000 ft	51	-
FIX	AWY-HI	41.01830	9,144 m		
ASM	B526	15.28500	30,000 ft	123	ASMARA VOR-DME
DME	AWY-HI	38.90170	9,144 m		
ASM	-	15.28440	30,000 ft	0	ASMARA
VOR	-	38.90080	9,144 m		
TESON	B526	15.34830	30,000 ft	99	-
FIX	AWY-HI	37.17830	9,144 m		
KSL	B526	15.40760	30,000 ft	48	KASSALA
VOR	AWY-HI	36.33720	9,144 m		
KSL	-	15.36350	30,000 ft	2	KASSALA VOR-DME
DME	-	36.31680	9,144 m		
DENDI	B526	15.50190	30,000 ft	118	-
FIX	AWY-HI	34.27830	9,144 m		
KTM	UB526	15.56610	30,000 ft	99	KHARTOUM
VOR	AWY-HI	32.55340	9,144 m		
OBD	UQ584	13.14770	30,000 ft	198	EL OBEID VOR-DME
DME	AWY-HI	30.23340	9,144 m		
OBD	-	13.11130	30,000 ft	2	EL OBEID
VOR	-	30.22650	9,144 m		
RADAG	UA410	11.06110	30,000 ft	225	-
FIX	AWY-HI	27.00560	9,144 m		
ALMAM	UA410	9.56250	30,000 ft	160	-
FIX	AWY-HI	24.74750	9,144 m		
KAFIA	UA410	8.73333	30,000 ft	88	-
FIX	AWY-HI	23.51670	9,144 m		
ONUDA	UA410	8.16139	30,000 ft	52	-
FIX	AWY-HI	22.85250	9,144 m		
IPARA	UA410	7.19444	30,000 ft	88	-
FIX	AWY-HI	21.73690	9,144 m		
IPANI	UA410	6.55222	30,000 ft	58	-
FIX	AWY-HI	21.00000	9,144 m		
SOLVI	UQ583	5.16667	30,000 ft	188	-
FIX	AWY-HI	18.17640	9,144 m		
RIMOB	UQ583	5.01381	30,000 ft	20	-
FIX	AWY-HI	17.86750	9,144 m		
ERNEV	UQ583	4.62000	30,000 ft	53	-
FIX	AWY-HI	17.07330	9,144 m		
BT	UQ583	4.22936	30,000 ft	80	BERBERATI
VOR	AWY-HI	15.78380	9,144 m		
PIMTA	UQ583	4.05322	30,000 ft	27	-
FIX	AWY-HI	15.36630	9,144 m		
NUVIP	UQ583	3.52389	30,000 ft	81	-
FIX	AWY-HI	14.11530	9,144 m		
MITRO	UQ583	3.28639	30,000 ft	36	-
FIX	AWY-HI	13.55580	9,144 m		
TAPEK	UQ583	2.60278	30,000 ft	104	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	11.95140	9,144 m		
UBADO	UQ583	2.13117	30,000 ft	65	-
FIX	AWY-HI	10.96670	9,144 m		
ARASI	UQ583	1.80056	30,000 ft	45	-
FIX	AWY-HI	10.27750	9,144 m		
KINDA	UQ583	1.58333	30,000 ft	36	-
FIX	AWY-HI	9.71167	9,144 m		
BIDZI	UQ583	1.19942	30,000 ft	64	-
FIX	AWY-HI	8.70478	9,144 m		
NKEDE	UQ583	1.08091	30,000 ft	19	-
FIX	AWY-HI	8.39424	9,144 m		
GULEP	UQ583	0.96222	30,000 ft	19	-
FIX	AWY-HI	8.08333	9,144 m		
STM	UQ583	0.37845	30,000 ft	89	SAO TOME
VOR	AWY-HI	6.71706	9,144 m		
NAKUT	UB737	-0.52681	30,000 ft	80	-
FIX	AWY-HI	5.73577	9,144 m		
200S0400E	-	-2.00000	30,000 ft	136	-
LATLON	-	4.00000	9,144 m		
300S0300E	-	-3.00000	30,000 ft	84	-
LATLON	-	3.00000	9,144 m		
400S0200E	-	-4.00000	30,000 ft	84	-
LATLON	-	2.00000	9,144 m		
500S0100E	-	-5.00000	30,000 ft	84	-
LATLON	-	1.00000	9,144 m		
600S0000E	-	-6.00000	30,000 ft	84	-
LATLON	-	0.00000	9,144 m		
600S0100W	-	-6.00000	30,000 ft	59	-
LATLON	-	-1.00000	9,144 m		
700S0200W	-	-7.00000	30,000 ft	84	-
LATLON	-	-2.00000	9,144 m		
800S0300W	-	-8.00000	30,000 ft	84	-
LATLON	-	-3.00000	9,144 m		
800S0400W	-	-8.00000	30,000 ft	59	-
LATLON	-	-4.00000	9,144 m		
800S0500W	-	-8.00000	30,000 ft	59	-
LATLON	-	-5.00000	9,144 m		
900S0600W	-	-9.00000	30,000 ft	84	-
LATLON	-	-6.00000	9,144 m		
900S0700W	-	-9.00000	30,000 ft	59	-
LATLON	-	-7.00000	9,144 m		
1000S0800W	-	-10.00000	30,000 ft	84	-
LATLON	-	-8.00000	9,144 m		
1000S0900W	-	-10.00000	30,000 ft	59	-
LATLON	-	-9.00000	9,144 m		
1100S01000W	-	-11.00000	30,000 ft	84	-
LATLON	-	-10.00000	9,144 m		
1200S01100W	-	-12.00000	30,000 ft	84	-
LATLON	-	-11.00000	9,144 m		
1200S01200W	-	-12.00000	30,000 ft	58	-
LATLON	-	-12.00000	9,144 m		
1200S01300W	-	-12.00000	30,000 ft	58	-
LATLON	-	-13.00000	9,144 m		
1300S01400W	-	-13.00000	30,000 ft	83	-
LATLON	-	-14.00000	9,144 m		
1300S01500W	-	-13.00000	30,000 ft	58	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-15.00000	9,144 m		
1400S01600W	-	-14.00000	30,000 ft	83	-
LATLON	-	-16.00000	9,144 m		
1400S01700W	-	-14.00000	30,000 ft	58	-
LATLON	-	-17.00000	9,144 m		
1500S01800W	-	-15.00000	30,000 ft	83	-
LATLON	-	-18.00000	9,144 m		
1500S01900W	-	-15.00000	30,000 ft	58	-
LATLON	-	-19.00000	9,144 m		
1500S02000W	-	-15.00000	30,000 ft	58	-
LATLON	-	-20.00000	9,144 m		
1600S02100W	-	-16.00000	30,000 ft	83	-
LATLON	-	-21.00000	9,144 m		
1600S02200W	-	-16.00000	30,000 ft	57	-
LATLON	-	-22.00000	9,144 m		
1700S02300W	-	-17.00000	30,000 ft	83	-
LATLON	-	-23.00000	9,144 m		
1800S02400W	-	-18.00000	30,000 ft	82	-
LATLON	-	-24.00000	9,144 m		
1800S02500W	-	-18.00000	30,000 ft	57	-
LATLON	-	-25.00000	9,144 m		
1800S02600W	-	-18.00000	30,000 ft	57	-
LATLON	-	-26.00000	9,144 m		
1800S02700W	-	-18.00000	30,000 ft	57	-
LATLON	-	-27.00000	9,144 m		
1900S02800W	-	-19.00000	30,000 ft	82	-
LATLON	-	-28.00000	9,144 m		
1900S02900W	-	-19.00000	30,000 ft	56	-
LATLON	-	-29.00000	9,144 m		
2000S03000W	-	-20.00000	30,000 ft	82	-
LATLON	-	-30.00000	9,144 m		
2000S03100W	-	-20.00000	30,000 ft	56	-
LATLON	-	-31.00000	9,144 m		
2000S03200W	-	-20.00000	30,000 ft	56	-
LATLON	-	-32.00000	9,144 m		
2000S03300W	-	-20.00000	30,000 ft	56	-
LATLON	-	-33.00000	9,144 m		
2000S03400W	-	-20.00000	30,000 ft	56	-
LATLON	-	-34.00000	9,144 m		
OBKOL	-	-19.66530	30,000 ft	69	-
FIX	-	-35.16880	9,144 m		
TOSIV	UZ48	-21.35180	30,000 ft	249	-
FIX	AWY-HI	-39.22030	9,144 m		
LIVOD	UZ50	-21.86430	30,000 ft	99	-
FIX	AWY-HI	-40.92020	9,144 m		
ILMAB	UZ50	-22.03670	30,000 ft	34	-
FIX	AWY-HI	-41.50800	9,144 m		
GEBIR	UZ50	-22.13500	30,000 ft	19	-
FIX	AWY-HI	-41.84750	9,144 m		
SEGLI	UZ50	-22.29500	30,000 ft	32	-
FIX	AWY-HI	-42.40570	9,144 m		
SIDUR	UZ50	-22.75450	22,200 ft	104	-
FIX	AWY-HI	-44.21810	6,767 m		
ILMIG	UZ10	-22.96750	13,100 ft	53	-
FIX	AWY-HI	-45.16270	3,993 m		
SBGR	-	-23.43230 0 ft	77	Guarulhos-Andre Franco Montoro Intl	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
APT	-	-46.46950 0 m			

OPKC

Region: PAKISTAN
Timezone: ASIA/KARACHI
Runways: 2

Elevation: 100 ft / 30 m
Location: 24.906600 67.160800
Magnetic Var: 1.469 E

METAR

OPKC 200730Z 24017KT 6000 FEW025 36/21 Q1004 NOSIG

TAF

TAF OPKC 200500Z 2006/2112 26012G22KT 6000 NSC BECMG 2018/2020 28008KT 5000 HZ NSC TEMPO 2101/2105 28008KT 4000 HZ

Frequencies

REC - 126.70 MHz - ATIS
TWR - 118.80 MHz - KARACHI TOWER
APP - 125.50 MHz - KARACHI APPROACH
GND - 121.60 MHz - KARACHI GROUND
COM - 119.22 MHz - KARACHI UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	151 ft	11,140 ft	74.39	CONCRETE	0 ft	991 ft
	46 m	3,396 m	72.92		0 m	302 m
25L	151 ft	11,140 ft	254.41	CONCRETE	0 ft	627 ft
	46 m	3,396 m	252.94		0 m	191 m
07L	151 ft	10,494 ft	74.39	CONCRETE	0 ft	1,001 ft
	46 m	3,199 m	72.92		0 m	305 m
25R	151 ft	10,494 ft	254.40	CONCRETE	0 ft	994 ft
	46 m	3,199 m	252.93		0 m	303 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
25R	DME	IKC	109.70 MHz	18 nm	-	-	156 ft
				33 km	-		156 m
25L	LOC-ILS	IQA	109.70 MHz	18 nm	254.40	-	100 ft
				33 km	252.93		100 m
25R	LOC-ILS	IKC	110.10 MHz	18 nm	254.40	-	100 ft
				33 km	252.93		100 m
25L	GS	IQA	109.70 MHz	10 nm	254.40	3.00	100 ft
				19 km	252.93		100 m
25R	GS	IKC	110.10 MHz	10 nm	254.40	3.00	100 ft
				19 km	252.93		100 m

SBGR

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 2,461 ft / 750 m
Location: -23.432300 -46.469500
Magnetic Var: 22.213 W

METAR

SBGR 200700Z 00000KT 6000 OVC023 20/19 Q1020

TAF

TAF SBGR 200430Z 2006/2112 00000KT 6000 BKN010 TN18/2009Z TX26/2015Z BECMG 2013/2015 27005KT 9999 SCT030 PROB30 2

Frequencies

REC - 127.75 MHz - GUARULHOS ATIS	CLD - 121.00 MHz - GUARULHOS CLEARANCE
GND - 121.70 MHz - GUARULHOS GROUND	GND - 126.90 MHz - GUARULHOS GROUND
TWR - 118.40 MHz - GUARULHOS TOWER	TWR - 132.75 MHz - GUARULHOS TOWER
TWR - 135.20 MHz - GUARULHOS TOWER	APP - 129.75 MHz - SAO PAULO APPROACH
APP - 119.15 MHz - SAO PAULO APPROACH	APP - 120.45 MHz - SAO PAULO APPROACH
APP - 120.85 MHz - SAO PAULO APPROACH	APP - 133.85 MHz - SAO PAULO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	148 ft	12,131 ft	73.60	ASPHALT	295 ft	190 ft
	45 m	3,698 m	95.81		90 m	58 m
27R	148 ft	12,131 ft	253.59	ASPHALT	200 ft	194 ft
	45 m	3,698 m	275.80		61 m	59 m
09R	148 ft	9,832 ft	73.60	ASPHALT	0 ft	194 ft
	45 m	2,997 m	95.81		0 m	59 m
27L	148 ft	9,832 ft	253.59	ASPHALT	0 ft	194 ft
	45 m	2,997 m	275.80		0 m	59 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	LOC-ILS	IUC	110.70 MHz	18 nm	73.59	-	2,461 ft
				33 km	95.80		2,461 m
09R	LOC-ILS	IGR	111.50 MHz	18 nm	73.60	-	2,461 ft
				33 km	95.81		2,461 m
27L	LOC-ILS	IBC	111.10 MHz	18 nm	253.60	-	2,459 ft
				33 km	275.81		2,459 m
27R	LOC-ILS	IGS	111.90 MHz	18 nm	253.59	-	2,459 ft
				33 km	275.80		2,459 m
09L	GS	IUC	110.70 MHz	10 nm	73.59	3.00	2,461 ft
				19 km	95.80		2,461 m
09R	GS	IGR	111.50 MHz	10 nm	73.60	2.92	2,461 ft
				19 km	95.81		2,461 m
27L	GS	IBC	111.10 MHz	10 nm	253.60	3.00	2,459 ft
				19 km	275.81		2,459 m
27R	GS	IGS	111.90 MHz	10 nm	253.59	3.00	2,458 ft
				19 km	275.80		2,458 m