

WSSS

Singapore Changi Intl

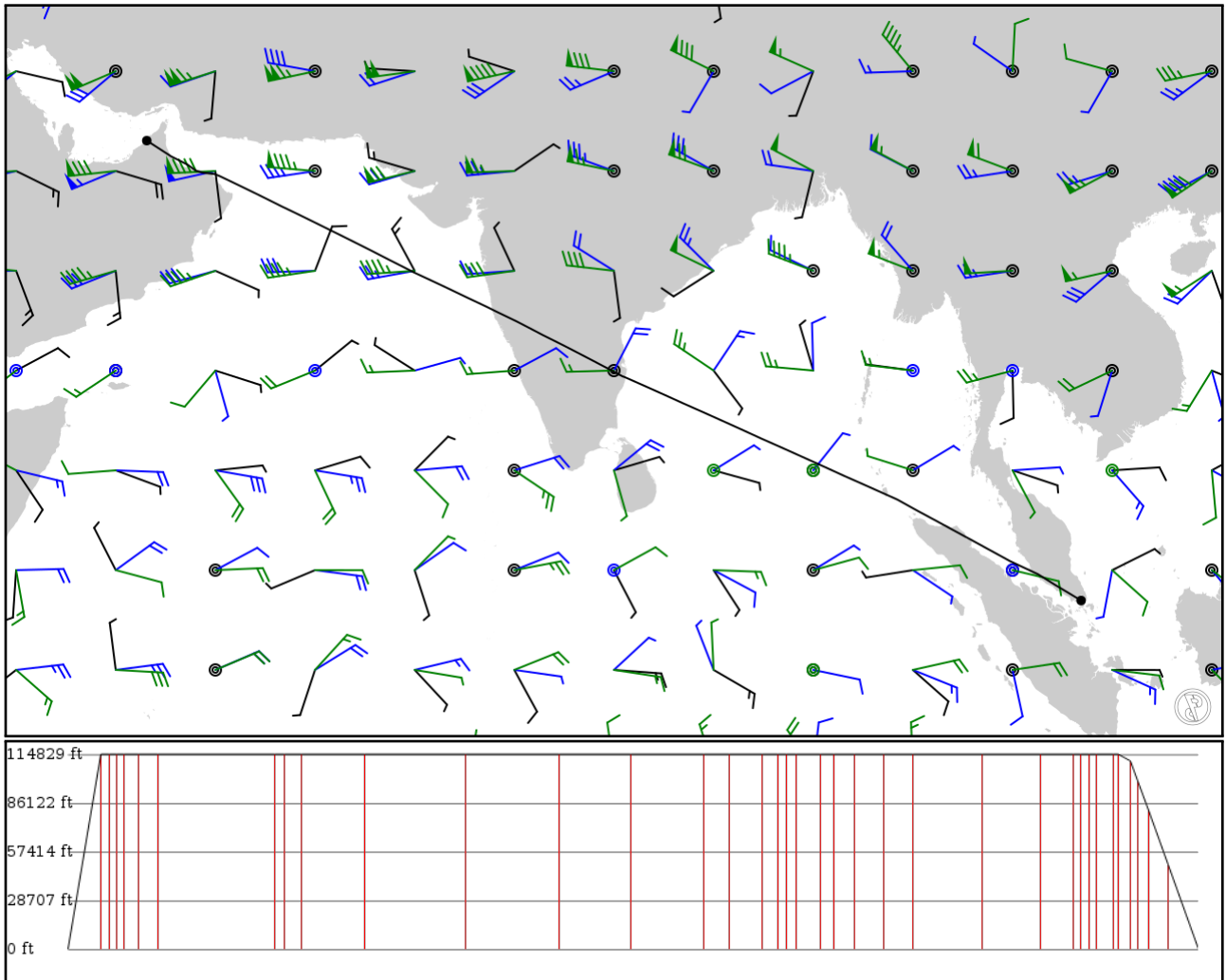
OMDB

Dubai Intl

2024/06/07 1245Z

WSSS GUPTA **A457** VKL **R461** PUGER **P574** MMV MMV **P574** TOTOX **L631** MCT **P513** MIXAM **T508** DAPOK **T507** TAPRA
OMDB

3170.27 nm / 5871.34 km



Notes

Basic altitude profile:

- Ascent Rate: 4000ft/min
- Ascent Speed: 320kts
- Cruise Altitude: 35000ft
- Cruise Speed: 500kts
- Descent Rate: 1500ft/min
- Descent Speed: 400kts

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
WSSS	-	1.35551	0 ft	-	Singapore Changi Intl
APT	-	103.98800	0 m		
GUPTA	-	2.16330	35,000 ft	94	-
FIX	-	102.64200	10,668 m		
ENKOL	A457	2.37288	35,000 ft	23	-
FIX	AWY-HI	102.30400	10,668 m		
SAPAT	A457	2.53611	35,000 ft	18	-
FIX	AWY-HI	102.04200	10,668 m		
VKL	A457	2.72444	35,000 ft	21	KUALA LUMPUR
VOR	AWY-HI	101.73800	10,668 m		
INTOT	R461	3.00690	35,000 ft	39	-
FIX	AWY-HI	101.13500	10,668 m		
PUGER	R461	3.39972	35,000 ft	55	-
FIX	AWY-HI	100.29200	10,668 m		
ANSAX	P574	6.00000	35,000 ft	326	-
FIX	AWY-HI	95.50830	10,668 m		
IGEBO	P574	6.23580	35,000 ft	29	-
FIX	AWY-HI	95.08080	10,668 m		
NOPEK	P574	6.60390	35,000 ft	45	-
FIX	AWY-HI	94.41670	10,668 m		
DUBTA	P574	7.82333	35,000 ft	178	-
FIX	AWY-HI	91.67670	10,668 m		
ELSAR	P574	9.76833	35,000 ft	282	-
FIX	AWY-HI	87.35170	10,668 m		
GIRNA	P574	11.58500	35,000 ft	262	-
FIX	AWY-HI	83.31470	10,668 m		
MMV	P574	12.99340	35,000 ft	202	CHENNAI VOR-DME
DME	AWY-HI	80.17070	10,668 m		
MMV	-	12.98770	35,000 ft	0	CHENNAI
VOR	-	80.15500	10,668 m		
OPAMO	P574	14.59310	35,000 ft	203	-
FIX	AWY-HI	77.09060	10,668 m		
GULAM	P574	15.13860	35,000 ft	71	-
FIX	AWY-HI	75.99890	10,668 m		
BBM	P574	15.85710	35,000 ft	90	BELGAUM
VOR	AWY-HI	74.61930	10,668 m		
MADOG	P574	16.20280	35,000 ft	46	-
FIX	AWY-HI	73.90420	10,668 m		
UDULO	P574	16.36780	35,000 ft	22	-
FIX	AWY-HI	73.56190	10,668 m		
OKILA	P574	16.59280	35,000 ft	29	-
FIX	AWY-HI	73.10780	10,668 m		
ERVIS	P574	17.09110	35,000 ft	67	-
FIX	AWY-HI	72.05390	10,668 m		
GUNDI	P574	17.36030	35,000 ft	35	-
FIX	AWY-HI	71.49330	10,668 m		
DARMI	P574	17.79500	35,000 ft	58	-
FIX	AWY-HI	70.57750	10,668 m		
BISET	P574	18.38920	35,000 ft	81	-
FIX	AWY-HI	69.30190	10,668 m		
ADPOP	P574	19.05080	35,000 ft	84	-
FIX	AWY-HI	68.00000	10,668 m		
BOLIS	P574	20.55920	35,000 ft	192	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	65.00060	10,668 m		
TOTOX	P574	21.84170	35,000 ft	165	-
FIX	AWY-HI	62.37500	10,668 m		
IVOMA	L631	22.56890	35,000 ft	92	-
FIX	AWY-HI	60.90830	10,668 m		
DEBDA	L631	22.72410	35,000 ft	19	-
FIX	AWY-HI	60.59030	10,668 m		
MIBSA	L631	22.90000	35,000 ft	22	-
FIX	AWY-HI	60.22720	10,668 m		
AMBOS	L631	23.05670	35,000 ft	20	-
FIX	AWY-HI	59.90140	10,668 m		
ELIGO	L631	23.41610	35,000 ft	46	-
FIX	AWY-HI	59.14670	10,668 m		
KARAR	L631	23.51170	35,000 ft	14	-
FIX	AWY-HI	58.91060	10,668 m		
MCT	L631	23.59110	33,800 ft	36	MUSCAT
VOR	AWY-HI	58.26010	10,302 m		
MIXAM	P513	23.69420	30,200 ft	19	-
FIX	AWY-HI	57.92310	9,205 m		
DAPOK	T508	23.99890	24,900 ft	29	-
FIX	AWY-HI	57.49970	7,590 m		
TAPRA	T507	24.43530	15,200 ft	54	-
FIX	AWY-HI	56.63420	4,633 m		
OMDB	-	25.25110	0 ft	84	Dubai Intl
APT	-	55.37110	0 m		

WSSS

Region: SINGAPORE

Timezone: ASIA/SINGAPORE

Runways: 2

Elevation: 20 ft / 6 m

Location: 1.355510 103.988000

Magnetic Var: 0.198 E

METAR

WSSS 071230Z 13008KT 9999 FEW018 BKN300 29/25 Q1008 NOSIG

TAF

TAF WSSS 071100Z 0712/0818 19008KT 9999 FEW015 SCT020 TEMPO 0806/0809 3000 TSRA FEW012CB BKN015

Frequencies

DEP - 123.70 MHz - SINGAPORE RADAR	DEP - 127.30 MHz - SINGAPORE RADAR
DEP - 133.80 MHz - SINGAPORE RADAR	DEP - 133.25 MHz - SINGAPORE RADAR
DEP - 135.80 MHz - SINGAPORE RADAR	DEP - 134.20 MHz - SINGAPORE RADAR
DEP - 133.35 MHz - SINGAPORE RADAR	DEP - 134.40 MHz - SINGAPORE RADAR
DEP - 128.10 MHz - SINGAPORE RADAR	DEP - 255.40 MHz - SINGAPORE RADAR
DEP - 124.05 MHz - SINGAPORE RADAR	APP - 120.30 MHz - SINGAPORE APPROACH
APP - 124.60 MHz - SINGAPORE APPROACH	APP - 119.30 MHz - SINGAPORE ARRIVAL
TWR - 118.60 MHz - SINGAPORE TOWER	TWR - 118.25 MHz - SINGAPORE TOWER
GND - 124.30 MHz - SINGAPORE GROUND	GND - 121.72 MHz - SINGAPORE GROUND
GND - 121.85 MHz - SINGAPORE GROUND	GND - 121.00 MHz - SINGAPORE GROUND EMERGENCY
GND - 122.55 MHz - SINGAPORE GROUND	CLD - 121.65 MHz - SINGAPORE DELIVERY
CLD - 119.60 MHz - SINGAPORE DELIVERY	REC - 128.60 MHz -
REC - 128.02 MHz -	CHANGI AIRPORT INFORMATION (D-ATIS)
CHANGI AIRPORT ARRIVAL INFORMATION	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02L	197 ft	13,187 ft	22.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	22.68		0 m	0 m
20R	197 ft	13,187 ft	202.88	ASPHALT	2,428 ft	390 ft
	60 m	4,020 m	202.68		740 m	119 m
02C	197 ft	13,187 ft	22.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	22.68		0 m	0 m
20C	197 ft	13,187 ft	202.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	202.68		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02C	DME	ICE	108.30 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
02L	DME	ICW	110.90 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
20C	DME	ICC	109.70 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
20R	DME	ICH	108.90 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
02C	LOC-ILS	ICE	108.30 MHz	18 nm	22.88	-	20 ft
				33 km	22.68		20 m
02L	LOC-ILS	ICW	110.90 MHz	18 nm	22.88	-	20 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	22.68		20 m
20C	LOC-ILS	ICC	109.70 MHz	18 nm	202.88	-	20 ft
				33 km	202.68		20 m
20R	LOC-ILS	ICH	108.90 MHz	18 nm	202.88	-	20 ft
				33 km	202.68		20 m
02C	GS	ICE	108.30 MHz	10 nm	22.88	3.00	20 ft
				19 km	22.68		20 m
02L	GS	ICW	110.90 MHz	10 nm	22.88	3.00	20 ft
				19 km	22.68		20 m
20C	GS	ICC	109.70 MHz	10 nm	202.88	3.00	20 ft
				19 km	202.68		20 m
20R	GS	ICH	108.90 MHz	10 nm	202.88	3.00	20 ft
				19 km	202.68		20 m

OMDB

Region: UNITED ARAB EMIRATES
Timezone: ASIA/DUBAI
Runways: 2

Elevation: 62 ft / 19 m
Location: 25.251100 55.371100
Magnetic Var: 2.356 E

METAR

OMDB 071200Z 34012KT 320V020 CAVOK 36/21 Q1001 NOSIG

TAF

TAF OMDB 071100Z 0712/0818 33014KT 8000 NSC BECMG 0716/0718 08005KT BECMG 0804/0806 18010KT BECMG 0807/0809 32015

Frequencies

REC - 126.27 MHz - ATIS ARRIVAL	REC - 131.70 MHz - ATIS DEPARTURE
TWR - 126.77 MHz - DUBAI TOWER	TWR - 119.55 MHz - DUBAI TOWER
TWR - 118.75 MHz - DUBAI TOWER	TWR - 119.05 MHz - DUBAI TOWER
GND - 118.35 MHz - DUBAI GROUND	GND - 118.85 MHz - DUBAI GROUND
GND - 121.65 MHz - DUBAI GROUND	CLD - 120.35 MHz - CLEARANCE DELIVERY
APP - 122.50 MHz - MINHAD APPROACH	APP - 126.02 MHz - MINHAD APPROACH
APP - 120.25 MHz - DUBAI ARRIVAL	APP - 124.45 MHz - DUBAI ARRIVAL
APP - 124.90 MHz - DUBAI ARRIVAL	DEP - 126.02 MHz - DUBAI DEPARTURE
DEP - 121.02 MHz - DUBAI DEPARTURE	DEP - 126.20 MHz - DUBAI DEPARTURE
DEP - 120.25 MHz - DUBAI DEPARTURE	APP - 120.40 MHz - DUBAI RADAR
APP - 126.02 MHz - DUBAI RADAR	APP - 127.90 MHz - DUBAI DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	200 ft	14,604 ft	121.53	ASPHALT	2,352 ft	771 ft
	61 m	4,452 m	119.17		717 m	235 m
30L	200 ft	14,604 ft	301.54	ASPHALT	436 ft	0 ft
	61 m	4,452 m	299.19		133 m	0 m
12L	200 ft	14,289 ft	121.48	ASPHALT	1,496 ft	381 ft
	61 m	4,355 m	119.13		456 m	116 m
30R	200 ft	14,289 ft	301.50	ASPHALT	991 ft	377 ft
	61 m	4,355 m	299.14		302 m	115 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	IDBL	110.10 MHz	18 nm	-	-	62 ft
				33 km	-		62 m
30L	DME	IDBW	111.30 MHz	18 nm	-	-	41 ft
				33 km	-		41 m
30R	DME	IDBR	110.90 MHz	18 nm	-	-	44 ft
				33 km	-		44 m
12L	LOC-ILS	IDBL	110.10 MHz	18 nm	121.49	-	62 ft
				33 km	119.13		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.18		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.18		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.13		62 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	GS	IDBL	110.10 MHz	10 nm	121.49	3.00	62 ft
				19 km	119.13		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.18		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.18		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.13		62 m