

# VTBS

Bangkok Suvarnabhumi Intl

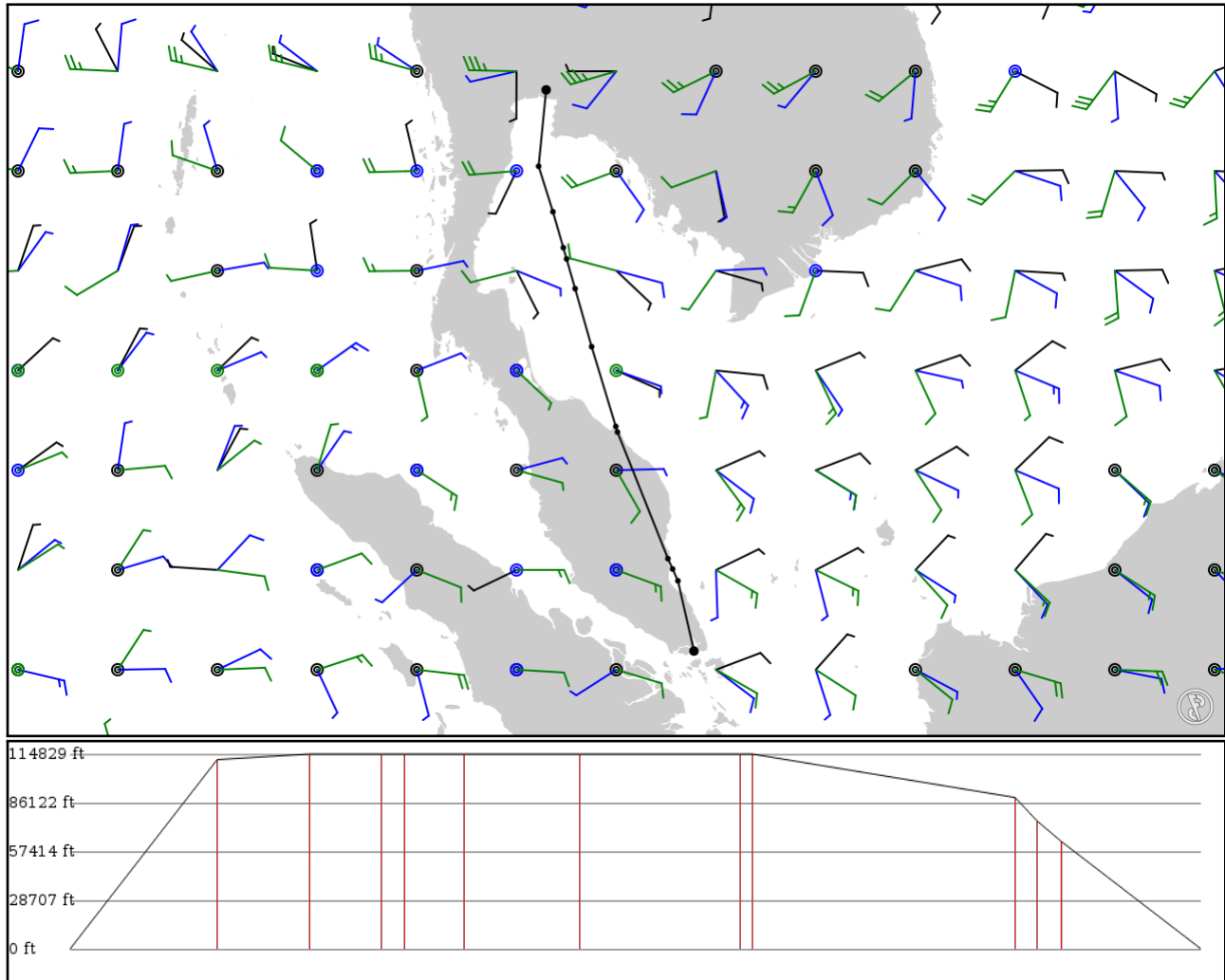
# WSSS

Singapore Changi Intl. Airport

2024/05/15 0135Z

VTBS REGOS **M751** PK **B469** PU090 WSSS

773.55 nm / 1432.62 km



## Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 320kts
- Cruise Altitude: 34000ft
- Cruise Speed: 420kts
- Descent Rate: 2000ft/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
VTBS	-	13.68046	0 ft	-	Bangkok Suvarnabhumi Intl
APT	-	100.74751	0 m	-	
REGOS	-	12.00181	34,000 ft	101	-
FIX	-	100.58175	10,363 m	-	-
IDAGA	M751	11.00189	35,000 ft	62	-
FIX	AWY-HI	100.89669	10,668 m	-	-
EMELA	M751	10.21366	35,000 ft	49	-
FIX	AWY-HI	101.12476	10,668 m	-	-
KUMTO	M751	9.96565	35,000 ft	15	-
FIX	AWY-HI	101.19633	10,668 m	-	-
MUBAN	M751	9.31344	35,000 ft	40	-
FIX	AWY-HI	101.38376	10,668 m	-	-
TIKAL	M751	8.03875	35,000 ft	79	-
FIX	AWY-HI	101.74664	10,668 m	-	-
GOLUD	M751	6.28500	35,000 ft	109	-
FIX	AWY-HI	102.27750	10,668 m	-	-
VKB	M751	6.16342	35,000 ft	7	KOTA BHARU VOR-DME
VOR	AWY-HI	102.31419	10,668 m	-	
PK	M751	3.38306	27,200 ft	179	PEKAN NDB
NDB	AWY-HI	103.42333	8,291 m	-	
PADLI	B469	3.15500	23,000 ft	15	-
FIX	AWY-HI	103.52583	7,010 m	-	-
PU090	B469	2.89472	19,300 ft	17	-
FIX	AWY-HI	103.64333	5,883 m	-	-
WSSS	-	1.35192	0 ft	95	Singapore Changi Intl. Airport
APT	-	103.99560	0 m	-	

## VTBS

Region: THAILAND  
Timezone: ASIA/BANGKOK  
Runways: 2

Elevation: 4 ft / 1 m  
Location: 13.680800 100.748000  
Magnetic Var: 0.534 W

## METAR

VTBS 150100Z VRB02KT 8000 FEW020 32/26 Q1011 NOSIG

## TAF

TAF VTBS 142300Z 1500/1606 31005KT 9000 FEW020 BECMG 1501/1503 16005KT TEMPO 1507/1511 VRB20KT 3000 TSRA FEW018CB

## Frequencies

REC - 133.60 MHz - ATIS	TWR - 119.00 MHz - SUVARNABHUMI TOWER
TWR - 118.20 MHz - SUVARNABHUMI TOWER	GND - 121.95 MHz - SUVARNABHUMI GROUND
GND - 121.65 MHz - SUVARNABHUMI GROUND	GND - 121.75 MHz - SUVARNABHUMI GROUND
CLD - 135.80 MHz - BANGKOK CLEARANCE DELIVERY	CLD - 128.70 MHz - BANGKOK CLEARANCE DELIVERY
CLD - 120.80 MHz - BANGKOK CLEARANCE DELIVERY	CLD - 125.80 MHz - DON MUEANG CLEARANCE DELIVERY
CLD - 133.80 MHz - BANGKOK CLEARANCE DELIVERY	APP - 124.35 MHz - BANGKOK ARRIVAL
APP - 125.20 MHz - BANGKOK ARRIVAL	APP - 122.35 MHz - BANGKOK ARRIVAL
APP - 120.30 MHz - BANGKOK APPROACH	APP - 119.10 MHz - BANGKOK APPROACH
APP - 121.70 MHz - BANGKOK ARRIVAL	APP - 126.30 MHz - SUVARNABHUMI ARRIVAL
APP - 133.60 MHz - SUVARNABHUMI ARRIVAL	APP - 121.10 MHz - SUVARNABHUMI ARRIVAL
APP - 133.40 MHz - SUVARNABHUMI ARRIVAL	DEP - 119.25 MHz - SUVARNABHUMI DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01R	197 ft	13,189 ft	14.33	ASPHALT	0 ft	394 ft
	60 m	4,020 m	14.86		0 m	120 m
19L	197 ft	13,189 ft	194.33	ASPHALT	0 ft	394 ft
	60 m	4,020 m	194.86		0 m	120 m
01L	197 ft	12,201 ft	14.32	ASPHALT	0 ft	394 ft
	60 m	3,719 m	14.86		0 m	120 m
19R	197 ft	12,201 ft	194.32	ASPHALT	0 ft	397 ft
	60 m	3,719 m	194.86		0 m	121 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	ISWS	109.10 MHz	18 nm	-	-	5 ft
				33 km	-		5 m
01R	DME	ISES	110.10 MHz	18 nm	-	-	5 ft
				33 km	-		5 m
19L	DME	ISEN	110.50 MHz	18 nm	-	-	5 ft
				33 km	-		5 m
19R	DME	ISWN	109.50 MHz	18 nm	-	-	5 ft
				33 km	-		5 m
01L	LOC-ILS	ISWS	109.10 MHz	18 nm	14.32	-	4 ft
				33 km	14.85		4 m
01R	LOC-ILS	ISES	110.10 MHz	18 nm	14.33	-	4 ft
				33 km	14.86		4 m
19L	LOC-ILS	ISEN	110.50 MHz	18 nm	194.33	-	4 ft
				33 km	194.86		4 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19R	LOC-ILS	ISWN	109.50 MHz	18 nm 33 km	194.32 194.85	-	4 ft 4 m
01L	GS	ISWS	109.10 MHz	10 nm 19 km	14.32 14.85	3.00	4 ft 4 m
01R	GS	ISES	110.10 MHz	10 nm 19 km	14.33 14.86	3.00	4 ft 4 m
19L	GS	ISEN	110.50 MHz	10 nm 19 km	194.33 194.86	3.00	4 ft 4 m
19R	GS	ISWN	109.50 MHz	10 nm 19 km	194.32 194.85	3.00	4 ft 4 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 150100Z 18007KT 9999 FEW018TCU BKN300 30/26 Q1011 NOSIG

## TAF

TAF AMD WSSS 150130Z 1501/1606 18008KT 9999 FEW015 SCT020 TEMPO 1505/1509 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