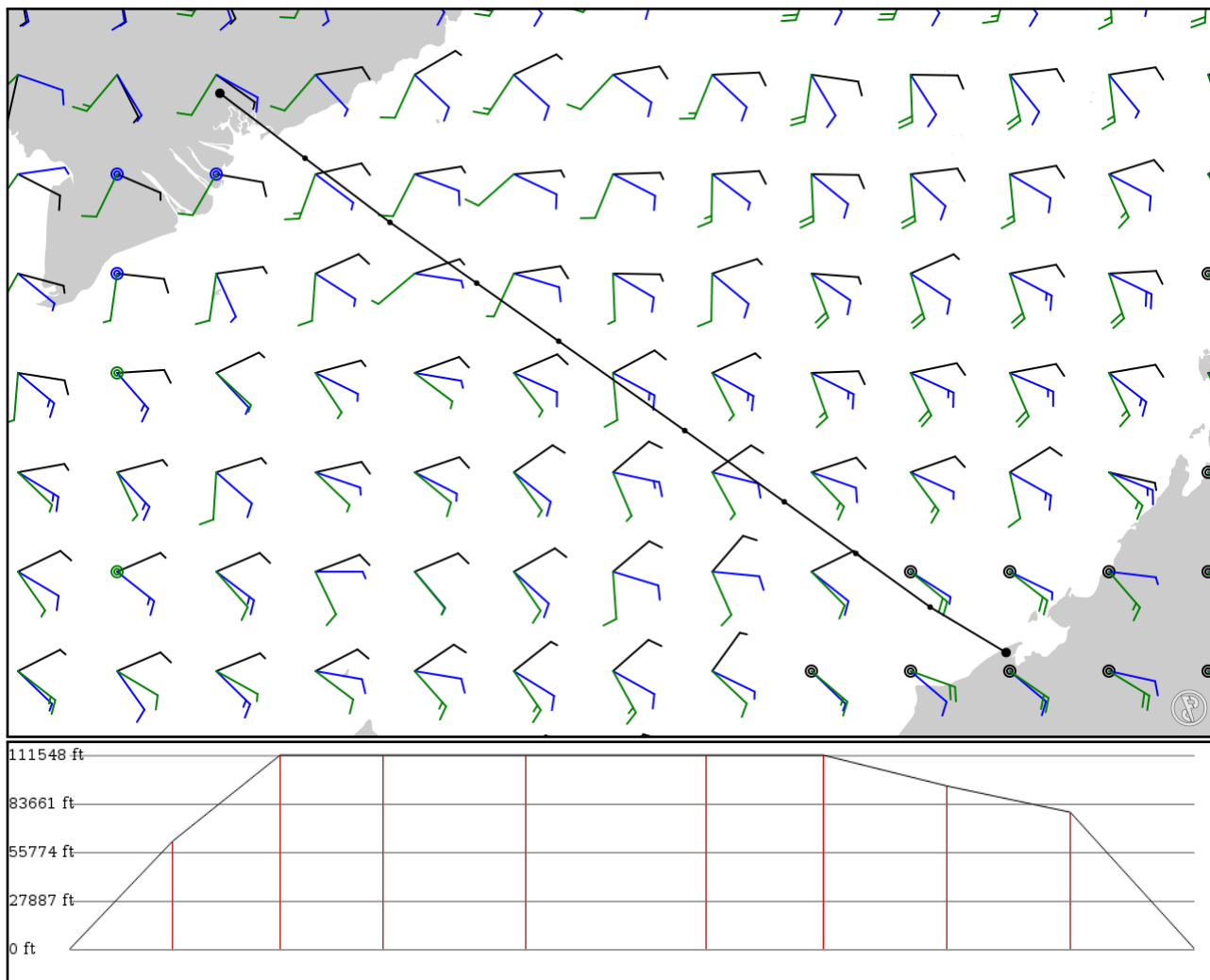


2024/05/05 2210Z

WBSB DOGOG **M768** ELSAS VVTS

605.89 nm / 1122.10 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 447kts
- Descent Rate: 1800ft/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
WBSB	-	4.94417	0 ft	-	Brunei Intl
APT	-	114.92833	0 m	-	
DOGOG	-	5.42167	18,900 ft	55	-
FIX	-	114.12833	5,761 m	-	
ASISU	M768	5.98500	34,000 ft	57	-
FIX	AWY-HI	113.34611	10,363 m	-	
TODAM	M768	6.52722	34,000 ft	55	-
FIX	AWY-HI	112.59306	10,363 m	-	
LAGOT	M768	7.27556	34,000 ft	76	-
FIX	AWY-HI	111.54528	10,363 m	-	
AKMON	M768	8.21500	34,000 ft	97	-
FIX	AWY-HI	110.21833	10,363 m	-	
MOXON	M768	8.82500	34,000 ft	63	-
FIX	AWY-HI	109.35500	10,363 m	-	
DAGAG	M768	9.46333	28,600 ft	66	-
FIX	AWY-HI	108.44167	8,717 m	-	
ELSAS	M768	10.13667	24,000 ft	66	-
FIX	AWY-HI	107.54833	7,315 m	-	
VVTS	-	10.81875	0 ft	66	TAN SON NHAT INTL
APT	-	106.65173	0 m	-	

## WBSB

Region: BRUNEI AND MALAYSIA  
Timezone: ASIA/BRUNEI  
Runways: 1

Elevation: 73 ft / 22 m  
Location: 4.944170 114.928000  
Magnetic Var: 0.708 W

## METAR

WBSB 052200Z 22003KT 9999 FEW004 BKN140 25/25 Q1009 NOSIG

## TAF

TAF WBSB 051700Z 0518/0700 21003KT 9999 FEW005 SCT140 BECMG 0600/0602 FEW015 FEW016CB BECMG 0603/0605 31010KT

## Frequencies

REC - 126.80 MHz - ATIS  
TWR - 118.70 MHz -  
APP - 121.30 MHz - RADAR  
GND - 121.90 MHz -  
APP - 119.20 MHz - RADAR  
APP - 127.10 MHz - RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	151 ft	12,044 ft	30.90	ASPHALT	0 ft	69 ft
	46 m	3,671 m	31.61		0 m	21 m
21	151 ft	12,044 ft	210.90	ASPHALT	0 ft	69 ft
	46 m	3,671 m	211.61		0 m	21 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	DME	BE	108.90 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
21	DME	BI	109.70 MHz	18 nm	-	-	73 ft
				33 km	-		73 m
03	LOC-ILS	BE	108.90 MHz	18 nm	30.92	-	73 ft
				33 km	31.63		73 m
21	LOC-ILS	BI	109.70 MHz	18 nm	210.90	-	20 ft
				33 km	211.60		20 m
03	GS	BE	108.90 MHz	10 nm	31.80	3.00	73 ft
				19 km	32.51		73 m
21	GS	BI	109.70 MHz	10 nm	211.80	3.00	73 ft
				19 km	212.51		73 m

## VVTS

Region: VIETNAM  
Timezone: ASIA/HO\_CHI\_MINH  
Runways: 2

Elevation: 33 ft / 10 m  
Location: 10.818700 106.652000  
Magnetic Var: 0.665 W

## METAR

VVTS 052200Z 06002KT 8000 FEW017 SCT050 27/26 Q1008 NOSIG

## TAF

TAF VVTS 051700Z 0518/0624 VRB03KT 9999 SCT017 SCT050 BECMG 0601/0603 18010KT TEMPO 0607/0611 10015G28KT 3000 TSR

## Frequencies

REC - 128.00 MHz - TAN SON NHAT ATIS	TWR - 118.70 MHz - TAN SON NHAT TOWER
TWR - 130.00 MHz - TAN SON NHAT TOWER	GND - 121.60 MHz - TAN SON NHAT GROUND
GND - 121.75 MHz - TAN SON NHAT GROUND	GND - 121.90 MHz - TAN SON NHAT GROUND
GND - 121.97 MHz - TAN SON NHAT GROUND	CLD - 123.60 MHz -
CLD - 121.80 MHz -	TAN SON NHAT CLEARANCE DELIVERY
TAN SON NHAT CLEARANCE DELIVERY	APP - 126.35 MHz - TAN SON NHAT APPROACH
APP - 125.50 MHz - TAN SON NHAT APPROACH	GND - 125.50 MHz -
GND - 124.07 MHz -	TAN SON NHAT TERMINAL CONTROL AREA
TAN SON NHAT TERMINAL CONTROL AREA	APP - 127.72 MHz - TAN SON NHAT ARRIVAL
APP - 126.35 MHz - TAN SON NHAT ARRIVAL	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	148 ft	12,541 ft	68.98	CONCRETE	2,513 ft	853 ft
	45 m	3,822 m	69.64		766 m	260 m
25L	148 ft	12,541 ft	248.98	CONCRETE	0 ft	1,030 ft
	45 m	3,822 m	249.65		0 m	314 m
07L	148 ft	10,009 ft	68.96	CONCRETE	0 ft	1,030 ft
	45 m	3,051 m	69.63		0 m	314 m
25R	148 ft	10,009 ft	248.97	CONCRETE	0 ft	1,033 ft
	45 m	3,051 m	249.63		0 m	315 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
25L	DME	SGN	108.30 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
25R	DME	HCM	110.50 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
07R	LOC-ILS	ITS	111.70 MHz	18 nm	68.98	-	33 ft
				33 km	69.65		33 m
25L	LOC-ILS	SGN	108.30 MHz	18 nm	248.98	-	33 ft
				33 km	249.65		33 m
25R	LOC-ILS	HCM	110.50 MHz	18 nm	248.97	-	33 ft
				33 km	249.64		33 m
07R	GS	ITS	111.70 MHz	10 nm	68.98	3.00	33 ft
				19 km	69.65		33 m
25L	GS	SGN	108.30 MHz	10 nm	248.98	3.00	33 ft
				19 km	249.65		33 m
25R	GS	HCM	110.50 MHz	10 nm	248.97	3.00	33 ft
				19 km	249.64		33 m