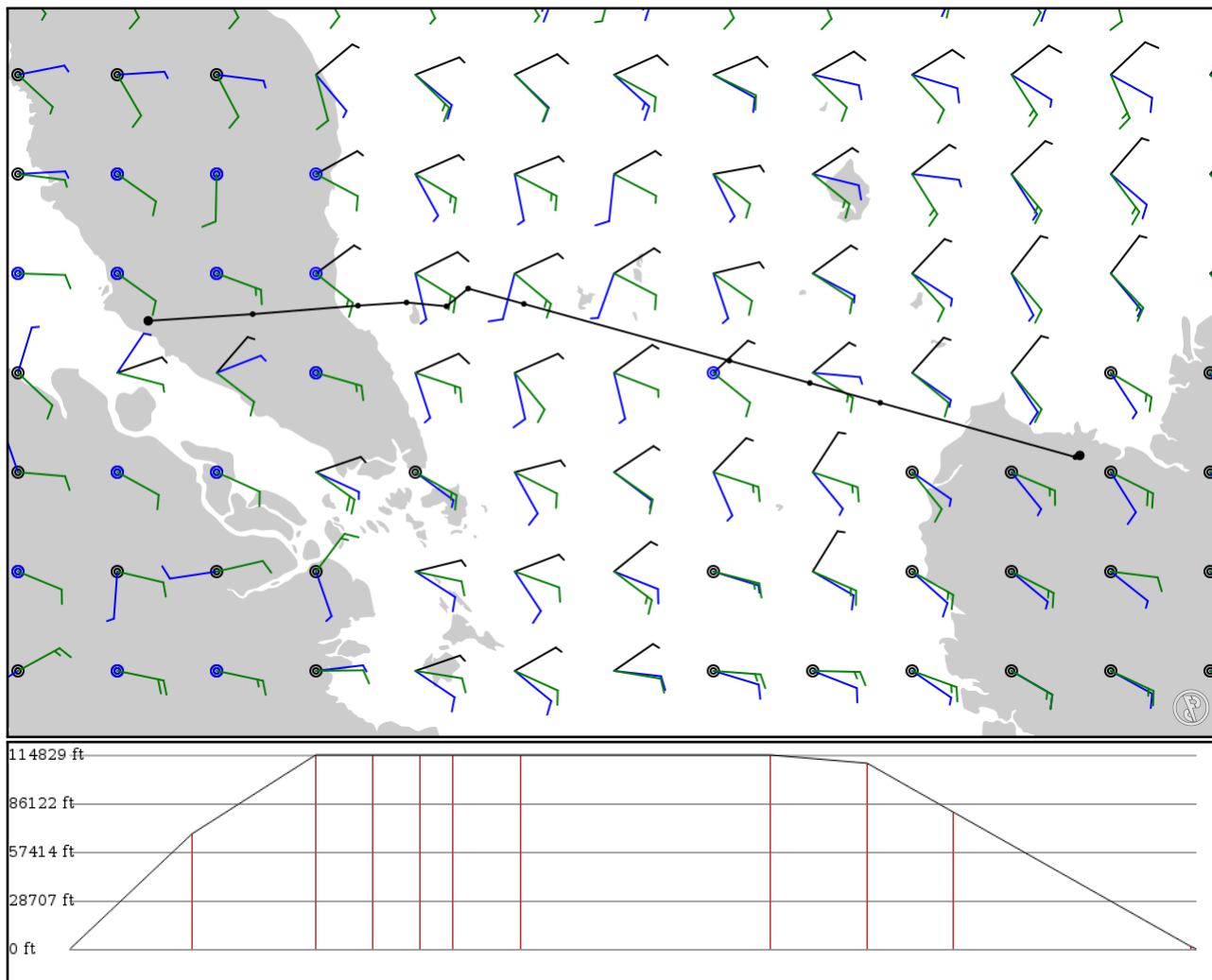


2024/05/14 2233Z

WMKK SAROX **G334** KIBOL KILOT **M761** VKG WBGG

536.10 nm / 992.86 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: yes
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
WMKK APT	-	2.73834 101.70200	0 ft 0 m	-	Kuala Lumpur Intl
SAROX FIX	-	2.80060 102.67200	20,800 ft 6,340 m	58	-
UKASA FIX	G334 AWY-HI	2.87920 103.65000	35,000 ft 10,668 m	58	-
VPT VOR	G334 AWY-HI	2.90863 104.10100	35,000 ft 10,668 m	27	PULAU TIOMAN
KIBOL FIX	G334 AWY-HI	2.87330 104.47200	35,000 ft 10,668 m	22	-
KILOT FIX	-	3.03806 104.67300	35,000 ft 10,668 m	15	-
LIPRO FIX	M761 AWY-HI	2.89500 105.19100	35,000 ft 10,668 m	32	-
BOBOB FIX	M761 AWY-HI	2.36833 107.09900	35,000 ft 10,668 m	118	-
SABIP FIX	M761 AWY-HI	2.16111 107.84600	33,500 ft 10,211 m	46	-
AGOBA FIX	M761 AWY-HI	1.97778 108.50000	24,700 ft 7,529 m	40	-
VKG VOR	M761 AWY-HI	1.47322 110.31200	500 ft 152 m	112	KUCHING
WBGG APT	-	1.48839 110.35400	0 ft 0 m	2	Kuching Intl

## WMKK

Region: MALAYSIA (PENINSULAR MALAYSIA)  
Timezone: ASIA/KUALA\_LUMPUR  
Runways: 3

Elevation: 68 ft / 21 m  
Location: 2.738340 101.702000  
Magnetic Var: 0.057 E

## METAR

WMKK 142200Z 00000KT 9000 FEW010 FEW017CB 26/25 Q1009 NOSIG

## TAF

TAF WMKK 141700Z 1418/1600 VRB03KT 7000 FEW010 FEW017CB BECMG 1501/1503 14005KT 9000 FEW018 TEMPO 1509/1512 VRB05

## Frequencies

APP - 118.65 MHz - LUMPUR RADAR	APP - 121.25 MHz - LUMPUR RADAR
APP - 124.20 MHz - LUMPUR RADAR	APP - 125.80 MHz - LUMPUR RADAR
APP - 119.45 MHz - LUMPUR RADAR	APP - 120.35 MHz - LUMPUR RADAR
APP - 124.65 MHz - LUMPUR RADAR	APP - 125.10 MHz - LUMPUR RADAR
APP - 135.75 MHz - LUMPUR RADAR	DEP - 135.25 MHz - LUMPUR DEPARTURE
TWR - 118.80 MHz - LUMPUR TOWER	TWR - 118.50 MHz - LUMPUR TOWER
TWR - 119.80 MHz - LUMPUR TOWER	GND - 121.65 MHz - LUMPUR GROUND
GND - 121.80 MHz - LUMPUR GROUND	GND - 122.52 MHz - LUMPUR GROUND
GND - 118.05 MHz - LUMPUR GROUND	GND - 122.15 MHz - LUMPUR GROUND
GND - 122.85 MHz - LUMPUR GROUND	GND - 122.27 MHz - LUMPUR GROUND
GND - 123.25 MHz - LUMPUR GROUND	GND - 121.72 MHz - LUMPUR GROUND
GND - 122.55 MHz - LUMPUR GROUND	GND - 130.75 MHz - LUMPUR GROUND
CLD - 126.00 MHz - LUMPUR DELIVERY	REC - 126.45 MHz - LUMPUR TERMINAL INFORMATION
REC - 128.05 MHz - LUMPUR TERMINAL INFORMATION	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	197 ft	13,034 ft	146.21	ASPHALT	0 ft	390 ft
	60 m	3,973 m	146.16		0 m	119 m
33	197 ft	13,034 ft	326.21	ASPHALT	0 ft	394 ft
	60 m	3,973 m	326.16		0 m	120 m
14L	197 ft	13,248 ft	146.20	ASPHALT	0 ft	384 ft
	60 m	4,038 m	146.14		0 m	117 m
32R	197 ft	13,248 ft	326.20	ASPHALT	0 ft	0 ft
	60 m	4,038 m	326.14		0 m	0 m
14R	197 ft	13,185 ft	146.21	ASPHALT	0 ft	0 ft
	60 m	4,019 m	146.16		0 m	0 m
32L	197 ft	13,185 ft	326.21	ASPHALT	0 ft	390 ft
	60 m	4,019 m	326.16		0 m	119 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	IWK	110.10 MHz	18 nm	-	-	-1 ft
				33 km	-		-1 m
33	DME	IWM	111.50 MHz	18 nm	-	-	-1 ft
				33 km	-		-1 m
14L	DME	IEL	108.50 MHz	18 nm	-	-	59 ft
				33 km	-		59 m
14R	DME	IWR	110.70 MHz	18 nm	-	-	78 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	-		78 m
32L	DME	IWL	111.90 MHz	18 nm	-	-	81 ft
				33 km	-		81 m
32R	DME	IER	109.10 MHz	18 nm	-	-	70 ft
				33 km	-		70 m
14L	LOC-ILS	IEL	108.50 MHz	18 nm	146.20	-	68 ft
				33 km	146.14		68 m
14R	LOC-ILS	IWR	110.70 MHz	18 nm	146.21	-	68 ft
				33 km	146.15		68 m
15	LOC-ILS	IWK	110.10 MHz	18 nm	146.21	-	68 ft
				33 km	146.15		68 m
32L	LOC-ILS	IWL	111.90 MHz	18 nm	326.21	-	68 ft
				33 km	326.15		68 m
32R	LOC-ILS	IER	109.10 MHz	18 nm	326.20	-	68 ft
				33 km	326.14		68 m
33	LOC-ILS	IWM	111.50 MHz	18 nm	326.21	-	68 ft
				33 km	326.15		68 m
14L	GS	IEL	108.50 MHz	10 nm	146.20	3.00	68 ft
				19 km	146.14		68 m
14R	GS	IWR	110.70 MHz	10 nm	146.21	3.00	68 ft
				19 km	146.15		68 m
15	GS	IWK	110.10 MHz	10 nm	146.21	3.00	68 ft
				19 km	146.15		68 m
32L	GS	IWL	111.90 MHz	10 nm	326.21	3.00	68 ft
				19 km	326.15		68 m
32R	GS	IER	109.10 MHz	10 nm	326.20	3.00	68 ft
				19 km	326.14		68 m
33	GS	IWM	111.50 MHz	10 nm	326.21	3.00	68 ft
				19 km	326.15		68 m

## WBGG

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

Elevation: 88 ft / 27 m  
Location: 1.488390 110.354000  
Magnetic Var: 0.041 E

## METAR

WBGG 142200Z VRB02KT 9999 FEW008 25/25 Q1010 NOSIG

## TAF

TAF WBGG 141700Z 1418/1518 VRB03KT 9999 FEW020 TEMPO 1505/1508 5000 TSRA FEW015CB SCT018

## Frequencies

REC - 128.40 MHz - ATIS  
TWR - 118.10 MHz -

GND - 121.90 MHz -  
APP - 120.20 MHz - APP DIRECTOR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	151 ft	12,408 ft	68.30	ASPHALT	0 ft	197 ft
	46 m	3,782 m	68.26		0 m	60 m
25	151 ft	12,408 ft	248.30	ASPHALT	0 ft	0 ft
	46 m	3,782 m	248.26		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
25	DME	IKG	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
25	LOC-ILS	IKG	110.30 MHz	18 nm	248.23	-	89 ft
				33 km	248.18		89 m
25	GS	IKG	110.30 MHz	10 nm	248.52	3.00	89 ft
				19 km	248.48		89 m