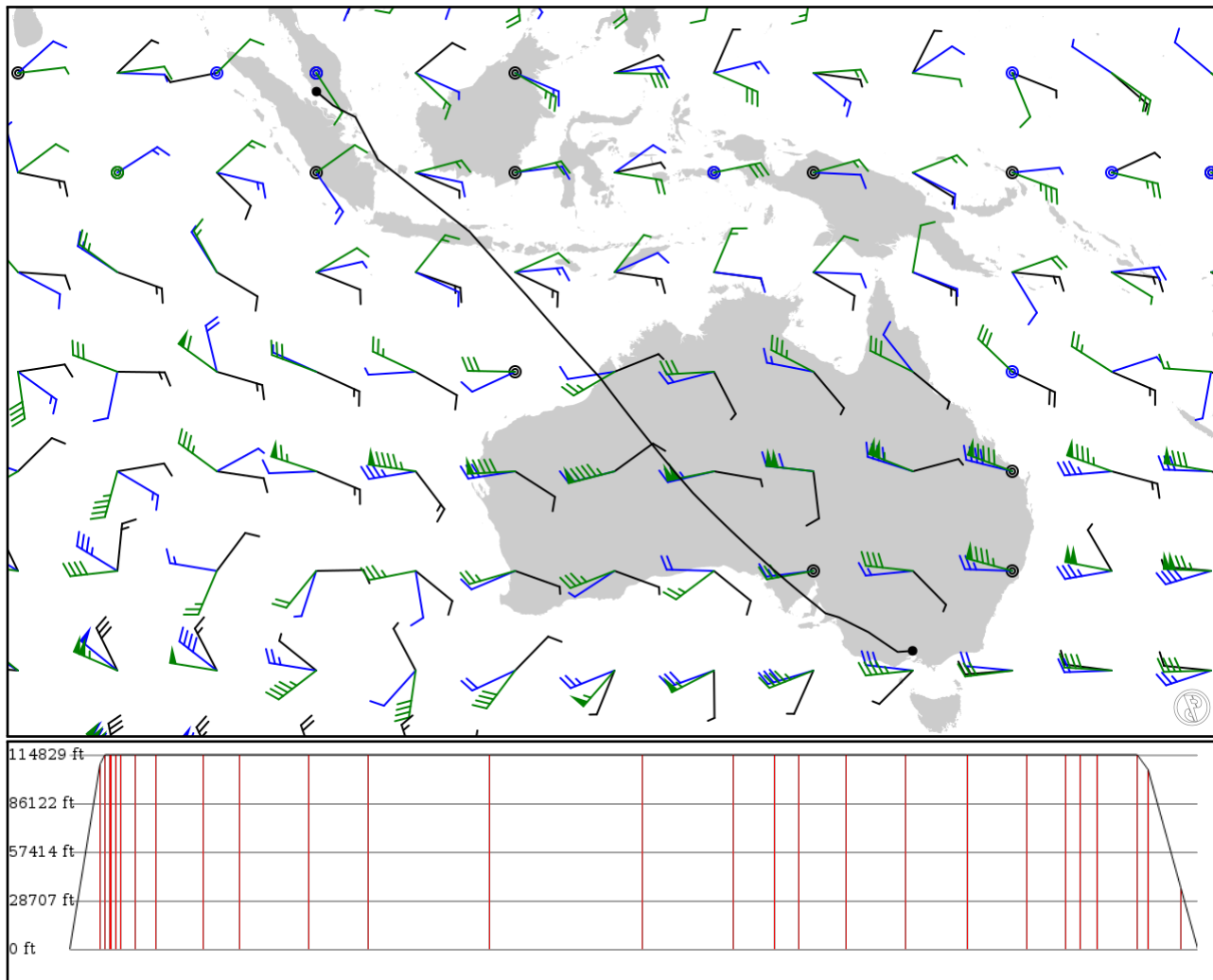


2024/06/06 2229Z

WMKK TOPOR **A464** SJ SJ **A464** TPG TPG **W26** PKP PKP **L511** BRM **T20** AD AD **V255** BENDO **V211** PUBAP **W291**
ESDIG YMML

3459.00 nm / 6406.06 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	-	2.73859	0 ft	-	Kuala Lumpur Intl
APT	-	101.70300	0 m		
TOPOR	-	1.73667	33,300 ft	93	-
FIX	-	102.89200	10,150 m		
ARAMA	A464	1.61500	35,000 ft	15	-
FIX	AWY-HI	103.12000	10,668 m		
SJ35	A464	1.49828	35,000 ft	14	-
FIX	AWY-HI	103.33800	10,668 m		
LELIB	A464	1.45806	35,000 ft	5	-
FIX	AWY-HI	103.41400	10,668 m		
MASNI	A464	1.34361	35,000 ft	14	-
FIX	AWY-HI	103.62900	10,668 m		
SJ	A464	1.22259	35,000 ft	15	SINJON VOR-DME
DME	AWY-HI	103.85400	10,668 m		
SJ	-	1.22202	35,000 ft	0	SINJON (SINGAPORE)
VOR	-	103.85600	10,668 m		
TPG	A464	0.90358	35,000 ft	43	TANJUNG PINANG
VOR	AWY-HI	104.51400	10,668 m		
TPG	-	0.90354	35,000 ft	0	TANJUNG PINANG VOR-DME
DME	-	104.51500	10,668 m		
KIRDA	W26	0.00245	35,000 ft	61	-
FIX	AWY-HI	104.99300	10,668 m		
PKP	W26	-2.15681	35,000 ft	146	PANGKAL PINANG VOR-DME
DME	AWY-HI	106.14000	10,668 m		
PKP	-	-2.16719	35,000 ft	0	PANGKAL PINANG
VOR	-	106.14200	10,668 m		
MIMIX	L511	-3.32220	35,000 ft	112	-
FIX	AWY-HI	107.62100	10,668 m		
RUPKA	L511	-5.47733	35,000 ft	209	-
FIX	AWY-HI	110.36500	10,668 m		
SBR	L511	-7.37394	35,000 ft	183	SURABAYA
VOR	AWY-HI	112.77100	10,668 m		
TARUN	L511	-12.00000	35,000 ft	370	-
FIX	AWY-HI	116.91800	10,668 m		
BRM	L511	-17.94630	35,000 ft	471	BROOME
NDB	AWY-HI	122.23500	10,668 m		
POTIP	T20	-21.69360	35,000 ft	278	-
FIX	AWY-HI	125.13300	10,668 m		
ENPIT	T20	-23.36640	35,000 ft	125	-
FIX	AWY-HI	126.48800	10,668 m		
CELIA	T20	-24.37130	35,000 ft	75	-
FIX	AWY-HI	127.32400	10,668 m		
WENER	T20	-26.26380	35,000 ft	143	-
FIX	AWY-HI	128.94600	10,668 m		
ISMOR	T20	-28.50300	35,000 ft	180	-
FIX	AWY-HI	131.19700	10,668 m		
RUSAD	T20	-30.81940	35,000 ft	189	-
FIX	AWY-HI	133.67300	10,668 m		
AKDAV	T20	-33.02960	35,000 ft	185	-
FIX	AWY-HI	136.20400	10,668 m		
AGROS	T20	-34.41650	35,000 ft	118	-
FIX	AWY-HI	137.89300	10,668 m		
AD	T20	-34.94690	35,000 ft	44	ADELAIDE VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
DME	AWY-HI	138.52400	10,668 m		
AD	-	-34.94700	35,000 ft	0	ADELAIDE
VOR	-	138.52500	10,668 m		
BENDO	V255	-35.24340	35,000 ft	51	-
FIX	AWY-LO	139.51000	10,668 m		
PUBAP	V211	-36.31580	35,000 ft	122	-
FIX	AWY-LO	141.64600	10,668 m		
UBGUT	W291	-36.67200	32,300 ft	33	-
FIX	AWY-LO	142.16800	9,845 m		
ESDIG	W291	-37.74220	11,000 ft	99	-
FIX	AWY-LO	143.75700	3,353 m		
YMML	-	-37.66550	0 ft	51	Melbourne
APT	-	144.83700	0 m		

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 062200Z VRB02KT 8000 FEW008 26/24 Q1009 NOSIG

TAF

TAF WMKK 061700Z 0618/0800 VRB03KT 9000 FEW010 PROB30 TEMPO 0620/0700 5000 TSRA FEW017CB SCT028 TEMPO 0706/0710 4000

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

YMML

Region: AUSTRALIA
Timezone: AUSTRALIA/MELBOURNE
Runways: 2

Elevation: 433 ft / 132 m
Location: -37.665500 144.837000
Magnetic Var: 11.563 E

METAR

YMML 062200Z 25005KT 9999 FEW008 08/08 Q1025

TAF

TAF AMD YMML 062157Z 0621/0800 23006KT 9999 SCT008 SCT030 FM070100 17010KT 9999 BKN035 FM070900 18008KT 9999 SCT0

Frequencies

REC - 132.67 MHz - YMML ATIS
GND - 121.70 MHz - MELBOURNE GND
APP - 132.00 MHz - MELBOURNE APP

CLD - 127.20 MHz - MELBOURNE INTL CLD
TWR - 120.50 MHz - MELBOURNE TWR
DEP - 118.90 MHz - MELBOURNE DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	7,513 ft	94.00	ASPHALT	0 ft	197 ft
	45 m	2,290 m	82.44		0 m	60 m
27	148 ft	7,513 ft	273.98	ASPHALT	0 ft	174 ft
	45 m	2,290 m	262.42		0 m	53 m
16	155 ft	12,012 ft	171.60	ASPHALT	0 ft	200 ft
	47 m	3,661 m	160.04		0 m	61 m
34	155 ft	12,012 ft	351.60	ASPHALT	0 ft	200 ft
	47 m	3,661 m	340.04		0 m	61 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	LOC-ILS	IMS	109.70 MHz	18 nm	171.60	-	433 ft
				33 km	160.04		433 m
27	LOC-ILS	IMW	109.30 MHz	18 nm	273.99	-	433 ft
				33 km	262.43		433 m
16	GS	IMS	109.70 MHz	10 nm	171.60	3.00	433 ft
				19 km	160.04		433 m
27	GS	IMW	109.30 MHz	10 nm	273.99	3.00	433 ft
				19 km	262.43		433 m