



## 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
YMLL	-	-37.66550	0 ft	-	Melbourne Intl
APT	-	144.83700	0 m		
ML	-	-37.66010	100 ft	0	MELBOURNE
VOR	-	144.84200	30 m		
YMEN	-	-37.72910	0 ft	5	Essendon
APT	-	144.90200	0 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 232130Z 01007KT 9999 FEW016 BKN027 07/05 Q1028 RF00.0/000.0

## TAF

TAF YMML 232007Z 2321/2500 33006KT 9999 BKN030 FM240000 22005KT 9999 -DZ SCT012 BKN020 FM240400 18005KT 9999 NSW S

## 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

## YMEN

Region: AUSTRALIA  
Timezone: AUSTRALIA/MELBOURNE  
Runways: 2

Elevation: 280 ft / 85 m  
Location: -37.729100 144.902000  
Magnetic Var: 11.617 E

## METAR

UNKNOWN

## TAF

UNKNOWN

## Frequencies

REC - 119.80 MHz - YMEN ATIS  
GND - 121.90 MHz - ESSENDON GND  
APP - 132.00 MHz - MELBOURNE APP  
DEP - 118.45 MHz - MELBOURNE DEP  
DEP - 129.40 MHz - MELBOURNE DEP

GND - 118.45 MHz - ESSENDON GND  
TWR - 125.10 MHz - ESSENDON TWR  
APP - 118.45 MHz - MELBOURNE APP  
DEP - 118.90 MHz - MELBOURNE DEP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17	148 ft	4,936 ft	177.82	ASPHALT	0 ft	0 ft
	45 m	1,504 m	166.21		0 m	0 m
35	148 ft	4,936 ft	357.82	ASPHALT	0 ft	282 ft
	45 m	1,504 m	346.20		0 m	86 m
08	148 ft	6,308 ft	88.04	ASPHALT	0 ft	0 ft
	45 m	1,923 m	76.42		0 m	0 m
26	148 ft	6,308 ft	268.03	ASPHALT	0 ft	0 ft
	45 m	1,923 m	256.41		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26	DME	IEN	109.90 MHz	18 nm	-	-	282 ft
				33 km	-		282 m
26	LOC-ILS	IEN	109.90 MHz	18 nm	268.04	-	280 ft
				33 km	256.42		280 m
26	GS	IEN	109.90 MHz	10 nm	268.04	3.00	280 ft
				19 km	256.42		280 m