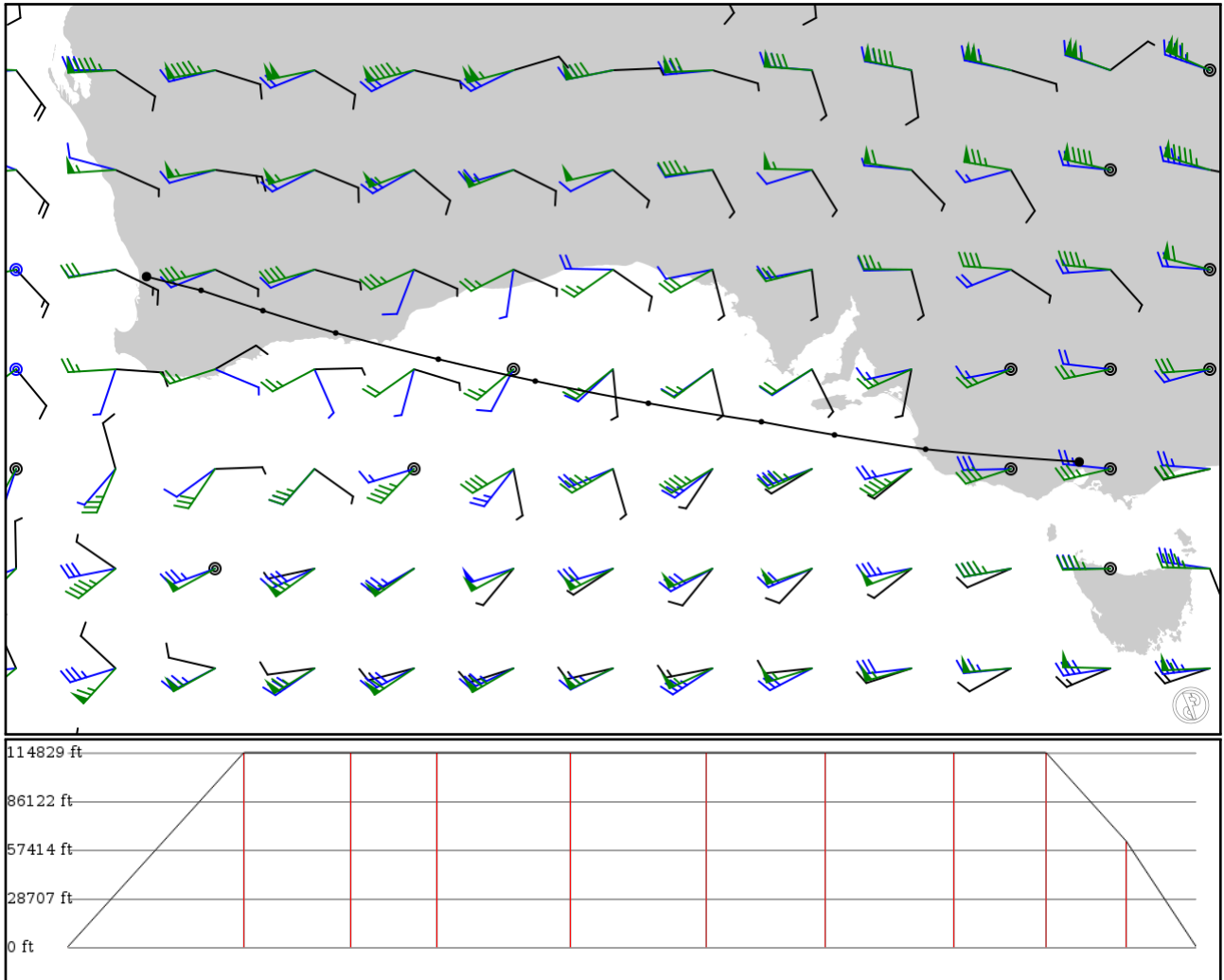


2024/05/03 0640Z

YMML ML **Q158** HAMTN YPPH

1459.58 nm / 2703.15 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
YMLL	-	-37.66550	0 ft	-	Melbourne Intl
APT	-	144.83700	0 m		
ML	-	-37.66010	100 ft	0	MELBOURNE
VOR	-	144.84200	30 m		
CRENA	Q158	-37.27330	35,000 ft	228	-
FIX	AWY-HI	140.08200	10,668 m		
KROWS	Q158	-36.83170	35,000 ft	137	-
FIX	AWY-HI	137.26200	10,668 m		
CANDY	Q158	-36.42500	35,000 ft	111	-
FIX	AWY-HI	135.00000	10,668 m		
CLAMY	Q158	-35.85330	35,000 ft	173	-
FIX	AWY-HI	131.50000	10,668 m		
COBEL	Q158	-35.16830	35,000 ft	175	-
FIX	AWY-HI	128.00000	10,668 m		
CRICK	Q158	-34.49170	35,000 ft	153	-
FIX	AWY-HI	125.00000	10,668 m		
ESP	Q158	-33.68060	35,000 ft	165	ESPERANCE
VOR	AWY-HI	121.82400	10,668 m		
KATHI	Q158	-32.99060	35,000 ft	120	-
FIX	AWY-HI	119.57000	10,668 m		
HAMTN	Q158	-32.36390	19,100 ft	103	-
FIX	AWY-HI	117.65600	5,822 m		
YPPH	-	-31.93980	0 ft	89	Perth International
APT	-	115.96700	0 m		

YMML

Region: AUSTRALIA
Timezone: AUSTRALIA/MELBOURNE
Runways: 2

Elevation: 433 ft / 132 m
Location: -37.665500 144.837000
Magnetic Var: 11.562 E

METAR

YMML 030630Z 16008KT CAVOK 17/08 Q1026

TAF

TAF YMML 030507Z 0306/0412 17006KT CAVOK FM031000 27005KT CAVOK FM031600 32006KT 9999 SCT008 FM040100 19005KT CAVOK

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

YPPH

Region: AUSTRALIA
Timezone: AUSTRALIA/PERTH
Runways: 2

Elevation: 67 ft / 20 m
Location: -31.939800 115.967000
Magnetic Var: 1.732 W

METAR

YPPH 030630Z 22010KT 9999 SCT042 22/13 Q1021

TAF

TAF YPPH 030503Z 0306/0412 23012KT 9999 BKN035 FM031200 17008KT 9999 SCT040 FM031600 13005KT CAVOK FM040400 23010KT

Frequencies

REC - 113.70 MHz - PERTH ATIS	APP - 123.60 MHz - PERTH APPROACH
DEP - 118.70 MHz - PERTH DEPARTURE	TWR - 127.40 MHz - PERTH TOWER
GND - 121.70 MHz - PERTH GROUND WEST	GND - 122.20 MHz - PERTH GROUND EAST
CLD - 118.55 MHz - PERTH CLEARANCE DELIVERY	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	148 ft	7,100 ft	58.88	ASPHALT	0 ft	217 ft
	45 m	2,164 m	60.62		0 m	66 m
24	148 ft	7,100 ft	238.87	ASPHALT	0 ft	220 ft
	45 m	2,164 m	240.61		0 m	67 m
03	148 ft	11,307 ft	13.88	ASPHALT	0 ft	302 ft
	45 m	3,446 m	15.61		0 m	92 m
21	148 ft	11,307 ft	193.88	ASPHALT	0 ft	210 ft
	45 m	3,446 m	195.61		0 m	64 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	DME	IPN	110.10 MHz	18 nm	-	-	75 ft
				33 km	-		75 m
21	DME	IGD	109.50 MHz	18 nm	-	-	67 ft
				33 km	-		67 m
24	DME	IPH	109.90 MHz	18 nm	-	-	67 ft
				33 km	-		67 m
03	LOC-ILS	IPN	110.10 MHz	18 nm	13.88	-	67 ft
				33 km	15.61		67 m
21	LOC-ILS	IGD	109.50 MHz	18 nm	193.87	-	67 ft
				33 km	195.60		67 m
24	LOC-ILS	IPH	109.90 MHz	18 nm	238.88	-	67 ft
				33 km	240.61		67 m
03	GS	IPN	110.10 MHz	10 nm	13.88	3.00	67 ft
				19 km	15.61		67 m
21	GS	IGD	109.50 MHz	10 nm	193.87	3.00	67 ft
				19 km	195.60		67 m
24	GS	IPH	109.90 MHz	10 nm	238.88	3.00	67 ft
				19 km	240.61		67 m