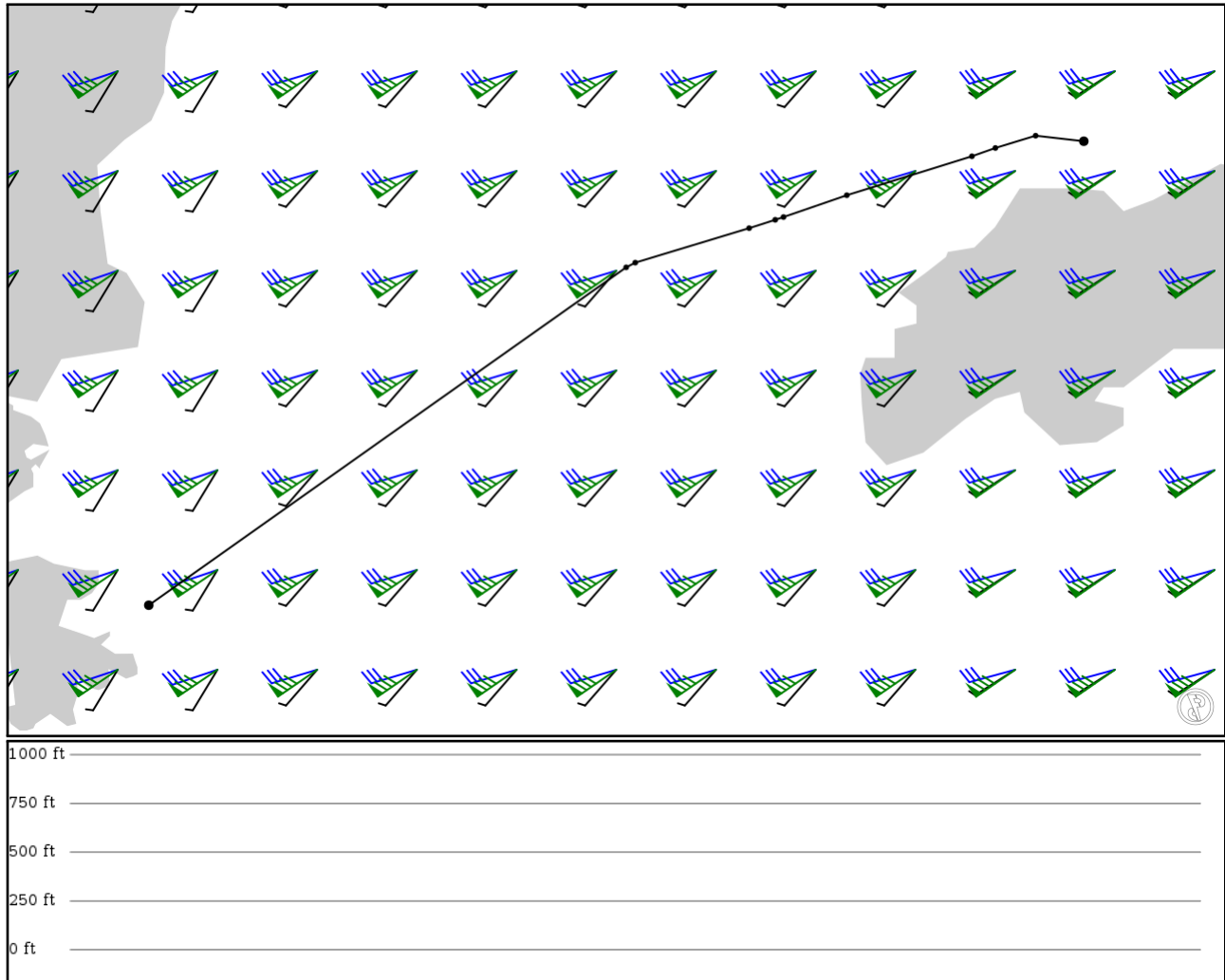


2024/05/10 1254Z

VMMC ZSL58 ZSL83 ZSL06 MALIN ZSL53 ZSL40 TFR03 ZSL01 R1686 VHHH

20.81 nm / 38.54 km



## Notes

Requested: VMMC ZSL58 ZSL83 ZSL06 MALIN ZSL53 ZSL40 TFR03 ZSL01 R1686 VHHH

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VMMC	-	22.14868	0 ft	-	Macau Intl
APT	-	113.59141	0 m		
ZSL58	-	22.26543	0 ft	11	-
FIX	-	113.75643	0 m		
ZSL83	-	22.26706	0 ft	0	-
FIX	-	113.75957	0 m		
ZSL06	-	22.27897	0 ft	2	-
FIX	-	113.79893	0 m		
MALIN	-	22.28186	0 ft	0	-
FIX	-	113.80794	0 m		
ZSL53	-	22.28281	0 ft	0	-
FIX	-	113.81081	0 m		
ZSL40	-	22.29034	0 ft	1	-
FIX	-	113.83268	0 m		
TFR03	-	22.30380	0 ft	2	-
FIX	-	113.87593	0 m		
ZSL01	-	22.30667	0 ft	0	-
FIX	-	113.88404	0 m		
R1686	-	22.31091	0 ft	0	-
FIX	-	113.89795	0 m		
VHHH	-	22.30899	0 ft	0	Hong Kong Intl
APT	-	113.91461	0 m		

## VMMC

Region: MACAU  
Timezone: UNKNOWN  
Runways: 1

Elevation: 20 ft / 6 m  
Location: 22.149400 113.591000  
Magnetic Var: 3.151 W

## METAR

VMMC 101230Z 09011KT 9999 FEW008 SCT015 25/23 Q1013 NOSIG

## TAF

TAF VMMC 101100Z 1012/1118 10012KT 9999 FEW010 SCT020

## Frequencies

REC - 126.40 MHz - ATIS  
TWR - 118.00 MHz -

GND - 121.97 MHz -  
APP - 126.30 MHz - HONG KONG RDR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	148 ft	11,097 ft	161.13	CONCRETE	1,214 ft	180 ft
	45 m	3,382 m	164.28		370 m	55 m
34	148 ft	11,097 ft	341.13	CONCRETE	1,217 ft	151 ft
	45 m	3,382 m	344.28		371 m	46 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	DME	MCS	111.70 MHz	18 nm	-	-	286 ft
				33 km	-		286 m
34	DME	MCN	109.70 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
34	LOC-ILS	MCN	109.70 MHz	18 nm	341.13	-	20 ft
				33 km	344.28		20 m
16	LOC-LOC	MCS	111.70 MHz	18 nm	161.13	-	20 ft
				33 km	164.28		20 m
34	GS	MCN	109.70 MHz	10 nm	341.13	3.00	20 ft
				19 km	344.28		20 m

## VHHH

Region: HONG KONG  
Timezone: UNKNOWN  
Runways: 2

Elevation: 27 ft / 8 m  
Location: 22.308900 113.915000  
Magnetic Var: 3.237 W

## METAR

VHHH 101230Z 10013KT 9999 FEW020 SCT025 26/20 Q1014 NOSIG

## TAF

TAF VHHH 101100Z 1012/1118 09015KT 9999 FEW020 SCT035 TX30/1106Z TN25/1022Z TEMPO 1100/1105 4000 SHRA FEW010CB SC

## Frequencies

REC - 128.20 MHz - D-ATIS	REC - 127.05 MHz - D-ATIS
GND - 121.60 MHz - HONG KONG GROUND	GND - 122.55 MHz - HONG KONG GROUND
GND - 121.87 MHz - HONG KONG GROUND	TWR - 118.20 MHz - HONG KONG TOWER
TWR - 118.40 MHz - HONG KONG TOWER	TWR - 118.70 MHz - HONG KONG TOWER
CLD - 124.65 MHz - HONG KONG CLEARANCE DELIVERY	CLD - 129.90 MHz - HONG KONG CLEARANCE DELIVERY
DEP - 122.00 MHz - HONG KONG DEPARTURE	DEP - 123.80 MHz - HONG KONG DEPARTURE
DEP - 124.05 MHz - HONG KONG DEPARTURE	APP - 119.10 MHz - HONG KONG APPROACH
APP - 119.35 MHz - HONG KONG APPROACH	APP - 119.55 MHz - HONG KONG DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	197 ft	12,462 ft	70.77	ASPHALT	554 ft	974 ft
	60 m	3,799 m	74.01		169 m	297 m
25R	197 ft	12,462 ft	250.79	ASPHALT	571 ft	978 ft
	60 m	3,799 m	254.02		174 m	298 m
07R	197 ft	12,463 ft	70.79	ASPHALT	518 ft	886 ft
	60 m	3,799 m	74.03		158 m	270 m
25L	197 ft	12,463 ft	250.80	ASPHALT	0 ft	981 ft
	60 m	3,799 m	254.04		0 m	299 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IZSL	111.10 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
07R	DME	ISR	109.30 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25L	DME	IFL	108.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25R	DME	ITFR	110.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
07L	LOC-ILS	IZSL	111.10 MHz	18 nm	70.78	-	27 ft
				33 km	74.02		27 m
07R	LOC-ILS	ISR	109.30 MHz	18 nm	70.79	-	27 ft
				33 km	74.03		27 m
25L	LOC-ILS	IFL	108.90 MHz	18 nm	250.79	-	27 ft
				33 km	254.03		27 m
25R	LOC-ILS	ITFR	110.90 MHz	18 nm	250.78	-	27 ft
				33 km	254.02		27 m
07L	GS	IZSL	111.10 MHz	10 nm	70.78	3.00	27 ft
				19 km	74.02		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07R	GS	ISR	109.30 MHz	10 nm	70.79	3.00	27 ft
				19 km	74.03		27 m
25L	GS	IFL	108.90 MHz	10 nm	250.79	3.00	27 ft
				19 km	254.03		27 m
25R	GS	ITFR	110.90 MHz	10 nm	250.78	3.00	27 ft
				19 km	254.02		27 m