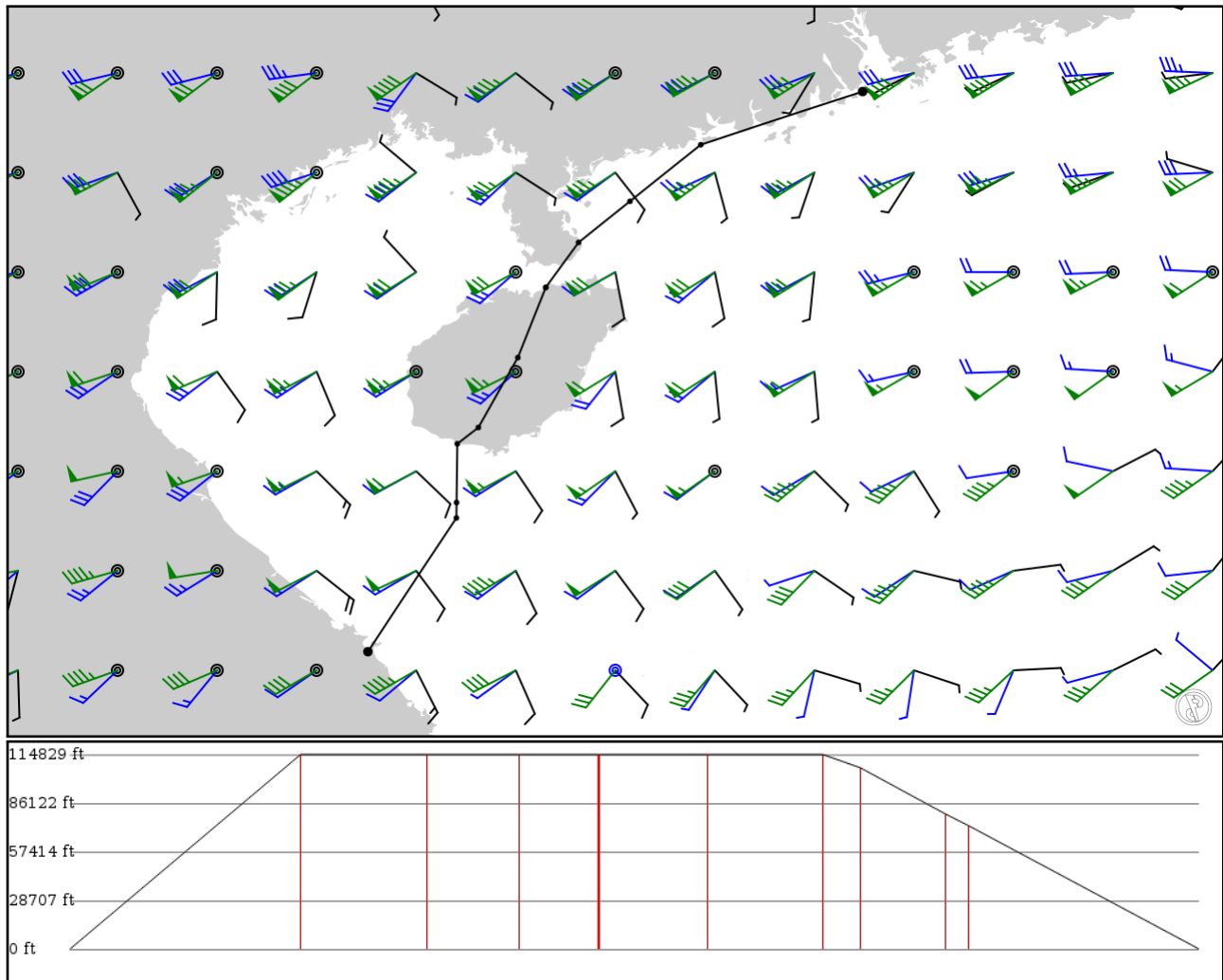


2024/05/04 0145Z

VMMC BIGRO **G221** NYB NYB **G221** SAGSU VVDN

508.30 nm / 941.37 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
VMMC	-	22.14940	0 ft	-	Macau Intl
APT	-	113.59100	0 m		
BIGRO	-	21.57000	35,000 ft	104	-
FIX	-	111.82700	10,668 m		
GIVIV	G221	20.95330	35,000 ft	56	-
FIX	AWY-HI	111.05500	10,668 m		
SAMAS	G221	20.50500	35,000 ft	41	-
FIX	AWY-HI	110.49500	10,668 m		
NYB	G221	20.01500	35,000 ft	35	NANYINGBINDAO
VOR	AWY-HI	110.13700	10,668 m		
NYB	-	20.01330	35,000 ft	0	NANYINGBINDAO VOR-DME
DME	-	110.13700	10,668 m		
GIVIL	G221	19.25000	35,000 ft	48	-
FIX	AWY-HI	109.83300	10,668 m		
WL	G221	18.48830	35,000 ft	51	BAOLONG
NDB	AWY-HI	109.40300	10,668 m		
SYX	G221	18.31000	32,600 ft	16	SANYA
VOR	AWY-HI	109.17300	9,936 m		
KAGUK	G221	17.67000	24,300 ft	38	-
FIX	AWY-HI	109.16500	7,407 m		
SAGSU	G221	17.50170	22,200 ft	10	-
FIX	AWY-HI	109.16300	6,767 m		
VVDN	-	16.04420	0 ft	103	Da Nang Intl
APT	-	108.19900	0 m		

VMMC

Region: MACAU
Timezone: UNKNOWN
Runways: 1

Elevation: 20 ft / 6 m
Location: 22.149400 113.591000
Magnetic Var: 3.150 W

METAR

VMMC 040130Z 11015KT 6000 -SHRA FEW006 SCT020 25/24 Q1009 NOSIG

TAF

TAF VMMC 032300Z 0400/0506 10010KT 9000 FEW010 SCT020 TEMPO 0400/0406 VRB18G28KT 2500 +TSRA FEW008 SCT015CB TEMPO

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

VVDN

Region: VIETNAM
Timezone: ASIA/HO_CHI_MINH
Runways: 2

Elevation: 29 ft / 9 m
Location: 16.044200 108.199000
Magnetic Var: 1.415 W

METAR

VVDN 040130Z VRB02KT 9999 FEW015 29/23 Q1009 NOSIG

TAF

TAF VVDN 032300Z 0400/0424 20006KT 9999 FEW017 BECMG 0403/0404 11011KT TEMPO 0409/0413 24010KT 4000 TSRA SCT013 FB

Frequencies

GND - 121.90 MHz - DA NANG GROUND	GND - 121.60 MHz - DA NANG GROUND
TWR - 118.05 MHz - DA NANG TOWER	TWR - 118.35 MHz - DA NANG TOWER
APP - 120.45 MHz - DA NANG APPROACH	APP - 125.45 MHz - DA NANG APPROACH
DEP - 125.30 MHz - DA NANG CONTROL	DEP - 125.45 MHz - DA NANG CONTROL
APP - 125.45 MHz - DA NANG CONTROL	APP - 125.30 MHz - DA NANG CONTROL

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17L	148 ft	11,541 ft	172.07	CONCRETE	0 ft	20 ft
	45 m	3,518 m	173.49		0 m	6 m
35R	148 ft	11,541 ft	352.07	CONCRETE	0 ft	0 ft
	45 m	3,518 m	353.49		0 m	0 m
17R	148 ft	10,052 ft	172.08	ASPHALT	0 ft	0 ft
	45 m	3,064 m	173.50		0 m	0 m
35L	148 ft	10,052 ft	352.08	ASPHALT	0 ft	0 ft
	45 m	3,064 m	353.50		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35R	DME	DAD	110.50 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
35L	LOC-ILS	DAD	110.50 MHz	18 nm	352.08	-	29 ft
				33 km	353.49		29 m
35R	LOC-ILS	IDR	111.50 MHz	18 nm	352.07	-	29 ft
				33 km	353.48		29 m
35L	GS	DAD	110.50 MHz	10 nm	352.08	3.00	29 ft
				19 km	353.49		29 m
35R	GS	IDR	111.50 MHz	10 nm	352.07	3.00	29 ft
				19 km	353.48		29 m