

WAEF

Sultan Babullah

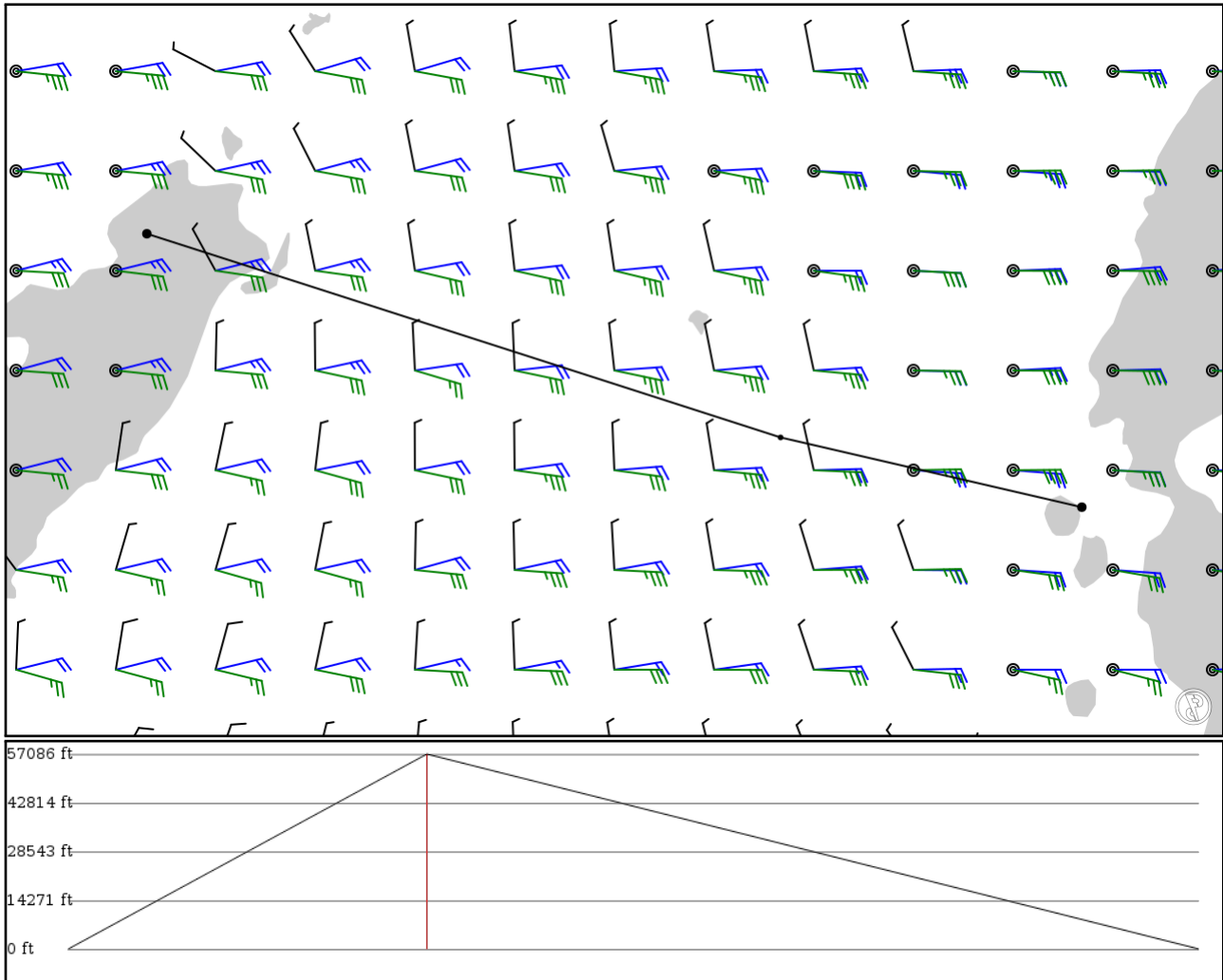
WAMM

Manado Sam Ratulangi

2024/05/17 2244Z

WAEF HALMO WAMM

153.70 nm / 284.65 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
WAEE	-	0.83169	0 ft	-	Sultan Babullah
APT	-	127.38100	0 m		
HALMO	-	1.01471	17,400 ft	48	-
FIX	-	126.59000	5,304 m		
WAMM	-	1.54930	0 ft	104	Manado Sam Ratulangi
APT	-	124.92600	0 m		

WAMM

Region: INDONESIA
Timezone: ASIA/MAKASSAR
Runways: 1

Elevation: 270 ft / 82 m
Location: 1.549300 124.926000
Magnetic Var: 0.542 W

METAR

WAMM 172230Z VRB02KT 9999 FEW021 26/24 Q1009 NOSIG

TAF

TAF WAMM 171700Z 1718/1824 VRB02KT 9999 SCT020 BECMG 1800/1802 11010KT PROB40 TEMPO 1806/1808 5000 TSRA FEW017CB

Frequencies

REC - 126.40 MHz - ATIS
APP - 119.00 MHz - MANADO APP

TWR - 118.10 MHz - RATULANGI TWR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18	148 ft	8,735 ft	181.90	ASPHALT	0 ft	197 ft
	45 m	2,663 m	182.44		0 m	60 m
36	148 ft	8,735 ft	1.90	ASPHALT	0 ft	197 ft
	45 m	2,663 m	2.44		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18	LOC-ILS	IMNO	111.10 MHz	18 nm	181.90	-	264 ft
				33 km	182.44		264 m
36	LOC-ILS	ITDO	110.50 MHz	18 nm	1.92	-	264 ft
				33 km	2.46		264 m
18	GS	IMNO	111.10 MHz	10 nm	182.86	3.25	264 ft
				19 km	183.40		264 m
36	GS	ITDO	110.50 MHz	10 nm	2.86	3.25	264 ft
				19 km	3.40		264 m