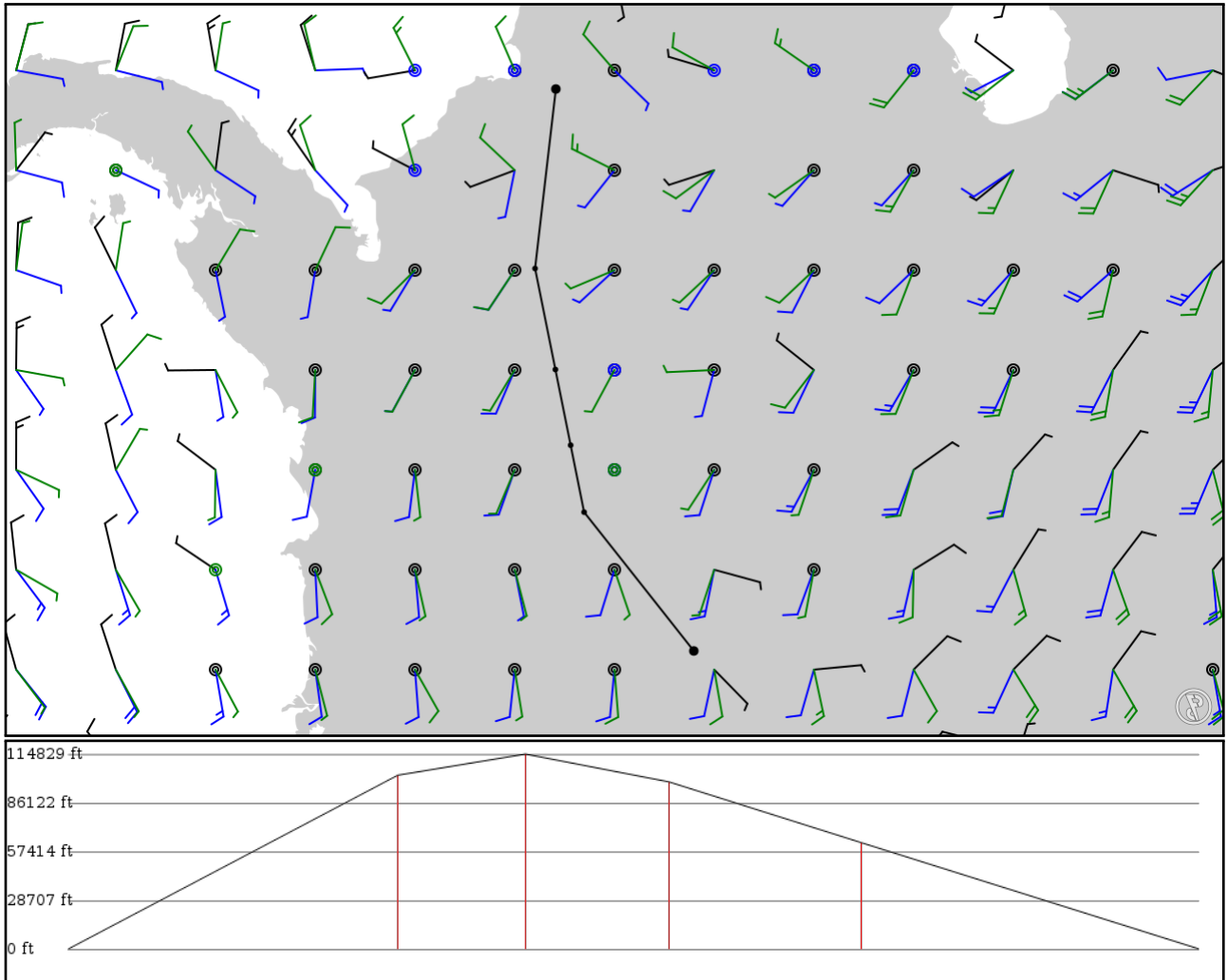


2024/06/01 2216Z

SKBO MUGOP W23 BUTAL SKCZ

299.89 nm / 555.39 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
SKBO APT	-	4.70160 -74.14700	0 ft 0 m	-	El Dorado Intl
MUGOP FIX	-	5.84528 -75.05250	31,200 ft 9,510 m	87	-
AKSER FIX	W23 AWY-LO	6.39722 -75.16360	35,000 ft 10,668 m	33	-
LOLUS FIX	W23 AWY-LO	7.02111 -75.28940	30,000 ft 9,144 m	38	-
BUTAL FIX	W23 AWY-LO	7.85361 -75.45720	19,100 ft 5,822 m	50	-
SKCZ APT	-	9.33274 -75.28560	0 ft 0 m	89	LAS BRUJAS

## SKBO

Region: COLOMBIA  
Timezone: AMERICA/BOGOTA  
Runways: 2

Elevation: 8,358 ft / 2,548 m  
Location: 4.701600 -74.147000  
Magnetic Var: 8.201 W

## METAR

SKBO 012200Z 17012KT 9999 SCT023 20/10 Q1025 NOSIG

## TAF

TAF SKBO 011630Z 0118/0218 15014KT 9999 SCT017 PROB40 TEMPO 0120/0123 DZ BKN017 BECMG 0201/0203 VRB02KT TX22/0118

## Frequencies

REC - 127.80 MHz - ATIS	TWR - 118.10 MHz - EL DORADO TOWER
TWR - 118.25 MHz - EL DORADO TOWER	GND - 121.80 MHz - EL DORADO GROUND
GND - 122.75 MHz - EL DORADO GROUND	APP - 121.30 MHz - BOGOTA APPROACH
APP - 119.50 MHz - BOGOTA APPROACH	APP - 119.65 MHz - BOGOTA APPROACH
APP - 119.95 MHz - BOGOTA APPROACH	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	151 ft	12,479 ft	127.23	ASPHALT	0 ft	203 ft
	46 m	3,804 m	135.44		0 m	62 m
31L	151 ft	12,479 ft	307.24	ASPHALT	0 ft	203 ft
	46 m	3,804 m	315.44		0 m	62 m
13L	151 ft	12,479 ft	127.24	ASPHALT	0 ft	98 ft
	46 m	3,804 m	135.44		0 m	30 m
31R	151 ft	12,479 ft	307.24	ASPHALT	0 ft	98 ft
	46 m	3,804 m	315.44		0 m	30 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	DME	IEDR	111.30 MHz	18 nm	-	-	8,361 ft
				33 km	-		8,361 m
13R	DME	IADO	110.70 MHz	18 nm	-	-	8,361 ft
				33 km	-		8,361 m
13L	LOC-ILS	IEDR	111.30 MHz	18 nm	127.24	-	8,358 ft
				33 km	135.44		8,358 m
13R	LOC-ILS	IADO	110.70 MHz	18 nm	127.24	-	8,358 ft
				33 km	135.44		8,358 m
13L	GS	IEDR	111.30 MHz	10 nm	127.24	3.00	8,358 ft
				19 km	135.44		8,358 m
13R	GS	IADO	110.70 MHz	10 nm	127.24	3.00	8,358 ft
				19 km	135.44		8,358 m