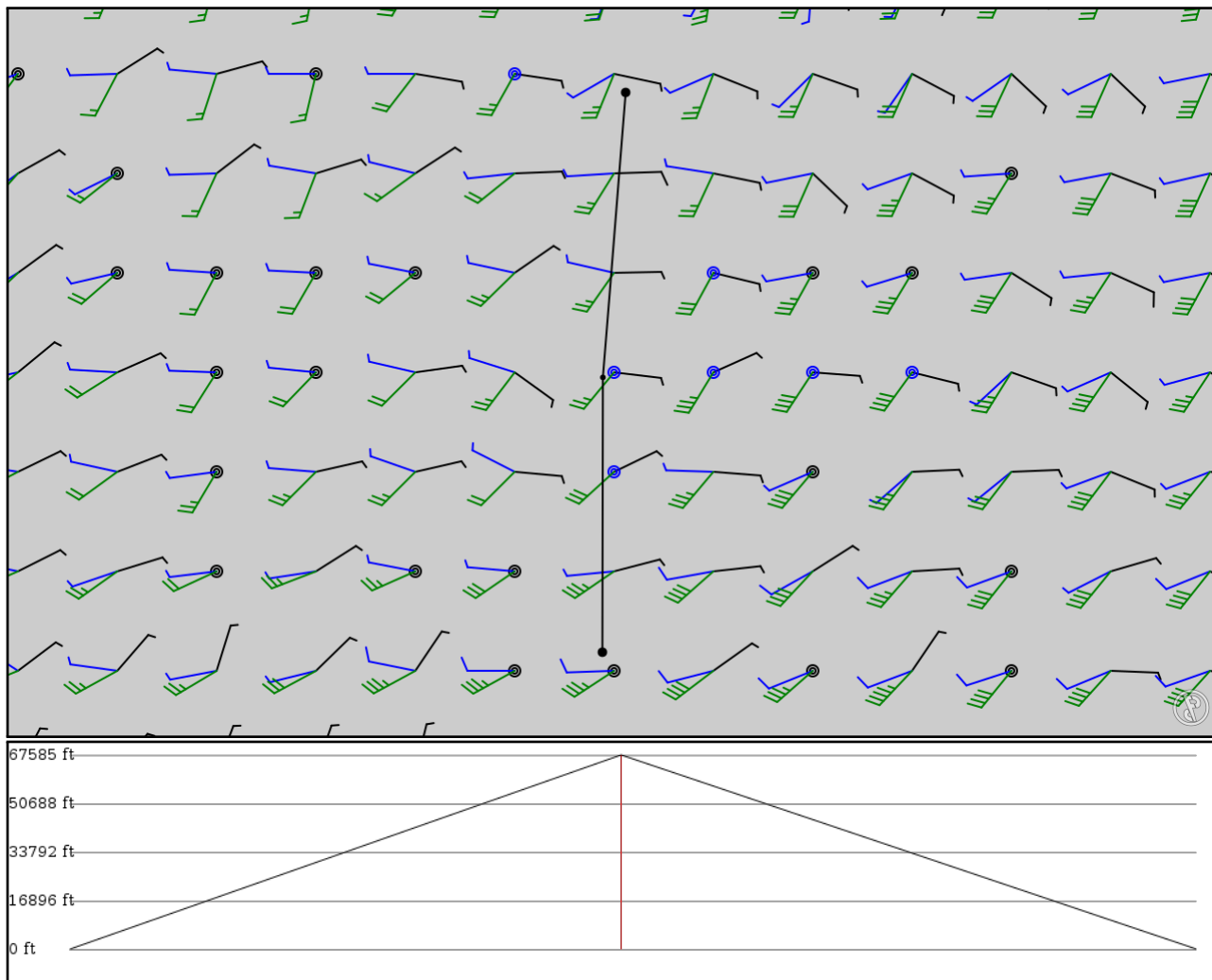


2024/05/21 0246Z

SBBH PUGVA SBMK

189.09 nm / 350.20 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: no

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
SBBH	-	-19.85080	0 ft	-	Pampulha-Belo Horizonte
APT	-	-43.94990	0 m		
PUGVA	-	-18.30730	20,600 ft	92	-
FIX	-	-43.94700	6,279 m		
SBMK	-	-16.70690	0 ft	96	Montes Claros
APT	-	-43.81900	0 m		

SBBH

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 1

Elevation: 2,589 ft / 789 m
Location: -19.850800 -43.949900
Magnetic Var: 23.413 W

METAR

SBBH 210200Z 10005KT CAVOK 21/16 Q1022

TAF

UNKNOWN

Frequencies

REC - 127.45 MHz - BELO HORIZONTE ATIS	CLD - 121.10 MHz -
GND - 121.60 MHz - BELO HORIZONTE GROUND	BELO HORIZONTE CLEARANCE DELIVERY
APP - 119.10 MHz - BELO HORIZONTE APPROACH	TWR - 118.00 MHz - BELO HORIZONTE TOWER
APP - 128.80 MHz - BELO HORIZONTE APPROACH	APP - 119.30 MHz - BELO HORIZONTE APPROACH
DEP - 120.20 MHz - BELO HORIZONTE DEPARTURE	APP - 129.10 MHz - BELO HORIZONTE APPROACH
	COM - 122.80 MHz - BELO HORIZONTE UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	148 ft	7,751 ft	110.89	ASPHALT	0 ft	472 ft
	45 m	2,362 m	134.30		0 m	144 m
31	148 ft	7,751 ft	290.88	ASPHALT	0 ft	482 ft
	45 m	2,362 m	314.29		0 m	147 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	IPM	109.30 MHz	18 nm	110.88	-	2,589 ft
				33 km	134.29		2,589 m
13	GS	IPM	109.30 MHz	10 nm	110.88	3.00	2,589 ft
				19 km	134.29		2,589 m