

Overtone Chart for BB-Flat Tuba (Compensating)

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This chart displays the overtone series for a BB-flat tuba across 12 different fingerings. Each row represents a partial, and each column represents a fingering. The notes are written in bass clef on a five-line staff. The 12th partial is marked as 'Sharp--Lower Slightly', the 11th as 'Very Flat--Unusable', the 10th as 'Flat--Raise Slightly', the 7th as 'Very Flat--Unusable', and the 3rd as 'Sharp--Lower Slightly'. The 8th, 4th, and 2nd partials are marked as 'Normal'. The fundamental is also marked as 'Normal'. Below the chart, the fingering for each column is indicated by a vertical line with a number or combination of numbers.

Partial	0	2	1	1-2 3	2-3	4	2-4 1-2-3	1-4	1-2-4	2-3-4	1-3-4	1-2-3-4
12th Partial (Sharp--Lower Slightly)	B \flat	B	B \flat	B	B \flat	B	B	B \flat	B	B \flat	B	B \sharp
11th Partial (Very Flat--Unusable)	B \flat	B \sharp	B	B \sharp	B	B	B \sharp	B	B \sharp	B	B \sharp	B \sharp
10th Partial (Flat--Raise Slightly)	B	B \sharp	B	B	B \flat	B	B \sharp	B	B \sharp	B	B	B \sharp
9th Partial (Sharp--Lower Slightly)	B \flat	B	B \flat	B	B \flat	B	B \sharp	B	B	B \flat	B	B \sharp
8th Partial (Normal)	B \flat	B	B \flat	B	B \flat	B	B	B \flat	B	B \flat	B	B
7th Partial (Very Flat--Unusable)	B \flat	B	B \flat	B	B \flat	B	B	B \flat	B	B \flat	B \flat	B
6th Partial (Sharp--Lower Slightly)	B	B	B \flat	B	B \flat	B	B	B \flat	B	B \flat	B	B \sharp
5th Partial (Flat--Raise Slightly)	B	B \sharp	B	B	B \flat	B	B \sharp	B	B \sharp	B	B \flat	B \sharp
4th Partial (Normal)	B \flat	B	B \flat	B	B \flat	B	B \flat	B \flat	B	B \flat	B \flat	B
3rd Partial (Sharp--Lower Slightly)	B	B \flat	B \flat	B	B \flat	B \flat	B	B \flat	B \flat	B \flat	B	B \sharp
2nd Partial (Normal)	B \flat	B \flat	B \flat	B	B \flat	B \flat	B	B \flat	B \flat	B \flat	B	B \flat
Fundamental (Normal)	B \flat	B \flat	B \flat	B	B \flat	B \flat	B	B \flat	B \flat	B \flat	B	B \flat