

Overtone Chart for Contrabass Trombone (F/C/D \flat /A configuration)

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Some of the longest positions (marked with an asterisk below) are out-of-reach without a handle attached to the handslide, and might be absent entirely on certain models. They are listed for the sake of thoroughness, but these outer positions are more theoretical than practical.

The chart displays 24 partials (partials 1-16 are in the bass clef, partials 17-24 are in the treble clef) across 14 columns representing different valve and position combinations. The columns are labeled at the bottom as follows:

- 1
- 2
- 3
- 4
- 5 Γ 1
- 6 Γ 2 V1
- 7* Γ 3 V2
- Γ 4 V3
- Γ 5 V4
- Γ 6* V5 Δ 2
- V6* Δ 3
- Γ 4 Δ 4
- Γ 1 Δ 5*

Partial descriptions on the left side of the chart:

- 24th Partial (Sharp--Lower Slightly)
- 23rd Partial (Very Sharp--Lower Much)
- 22nd Partial (Very Flat--Raise Much First Position Unusable)
- 21st Partial (Very Flat--Raise Much First Position Unusable)
- 20th Partial (Flat--Raise Slightly)
- 19th Partial (Flat--Raise Slightly)
- 18th Partial (Sharp--Lower Slightly)
- 17th Partial (Sharp--Lower Slightly)
- 16th Partial (Normal)
- 15th Partial (Flat--Raise Slightly)
- 14th Partial (Very Flat--Raise Much First Position Unusable)
- 13th Partial (Very Sharp--Lower Much)
- 12th Partial (Sharp--Lower Slightly)
- 11th Partial (Very Flat--Raise Much First Position Unusable)
- 10th Partial (Flat--Raise Slightly)
- 9th Partial (Sharp--Lower Slightly)
- 8th Partial (Normal)
- 7th Partial (Very Flat--Raise Much First Position Unusable)
- 6th Partial (Sharp--Lower Slightly)
- 5th Partial (Flat--Raise Slightly)
- 4th Partial (Normal)
- 3rd Partial (Sharp--Lower Slightly)
- 2nd Partial (Normal)
- Fundamental (Normal)

Fingering Guide:
 Number Only -- Open. No valves engaged.
 V(number) -- Position with first valve (C-attachment) engaged.
 Γ (number) -- Position with second valve (D \flat -attachment) engaged.
 Δ (number) -- Position with both valves engaged (fundamental pitch is A0).