



Overtone Chart for F Tuba--"Old" Fifth Valve Tuning

Note: The fifth valve fingerings shown here are for a "major third" fifth valve.

24th Partial (Sharp--Lower Slightly)												
23rd Partial (Very Sharp--Unusable)												
22nd Partial (Very Flat--Unusable)												
21st Partial (Very Flat--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--Unusable)												
13th Partial (Very Sharp--Unusable)												
12th Partial (Sharp--Lower Slightly)												
11th Partial (Very Flat--Unusable)												
10th Partial (Flat--Raise Slightly)												
9th Partial (Sharp--Lower Slightly)												
8th Partial (Normal)												
7th Partial (Very Flat--Unusable)												
6th Partial (Sharp--Lower Slightly)												
5th Partial (Flat--Raise Slightly)												
4th Partial (Normal)												
3rd Partial (Sharp--Lower Slightly)												
2nd Partial (Normal)												
Fundamental (Normal)												
	0	2	1	1-2 3	2-3	4 1-3	2-4 1-2-5 1-2-3	2-3-5 1-2-4 1-4	2-3-4 4-5	1-4-5 1-3-4	3-4-5 1-2-4-5 1-2-3-4	1-3-4-5 2-3-4-5 (Not present on four-valve instruments. False tones only.)