

## F AND E<sup>b</sup> TUBA: 5<sup>TH</sup> VALVE COMBINATIONS

5th valve with 2nd and 3rd valve equivalent = 2 whole steps

### *F Tuba*

1	2	4	1	1	1	0
2	3	5	4	2	3	
5	5		5	4	4	
				5	5	
2			5	2		
4			Sharp	3		
				4		
				5		

5th valve with 1st and 2nd valve equivalent = 1 1/2 steps

2	4	1	1	1	1	0
3	5	4	2	3	2	
5		5	4	4	3	
			5	5	4	
					5	
		5	2			
		Sharp	3			
			4			
			5			

### *E<sup>b</sup> Tuba*

5th valve with 2nd and 3rd valve equivalent = 2 whole steps

1	2	4	1	1	1	0
2	3	5	4	2	3	
5	5		5	4	4	
				5	5	
2			5	2		
4			Sharp	3		
				4		
				5		

5th valve with 1st and 2nd valve equivalent = 1 1/2 steps

2	4	1	1	1	1	0
3	5	4	2	3	2	
5		5	4	4	3	
			5	5	4	
					5	
		5	2			
		Sharp	3			
			4			
			5			

\*All notes must be played down one octave. They have been written an octave higher so one does not have to count the ledger lines.