Overtone Chart for Tenor and Bass Trombones

- **Fundamentals**: 1st-2nd Partial
- **Sharp—Lower Much**: 3rd Partial
- **Sharp—Lower Slightly**: 4th-5th Partial
- **Flat—Raise Slightly**: 6th-7th Partial
- **Flat—Raise Much**: 8th-9th Partial
- **(Very Flat—Raise Much)**: 10th-11th Partial
- **(Very Sharp—Lower Much)**: 12th-13th Partial
- **(Very Sharp—Lower Slightly)**: 14th-16th Partial
- **(Flat—Raise Slightly)**: 17th-24th Partial

**Notes**:
- **F1**: First Position Unusable
- **Gb1**: First Position Unusable
- **D2**: First Position Unusable
- **Gb3**: First Position Unusable
- **F4**: First Position Unusable
- **Gb5**: First Position Unusable
- **D6**: First Position Unusable

**Valve Combinations**:
- **F1**: No valves engaged
- **Gb1**: G only
- **D2**: F only
- **Gb3**: F and G only
- **F4**: G flat
- **Gb5**: F and G flat
- **D6**: G flat with F attachment

**Fingering Guide**:
- **Number Only**: Open. No valves engaged.
- **Number with F attachment**: Engaged. No G.
- **F and G attachment**: Engaged. No G.
- **Combination F and G attachment**: Engaged. No G.