

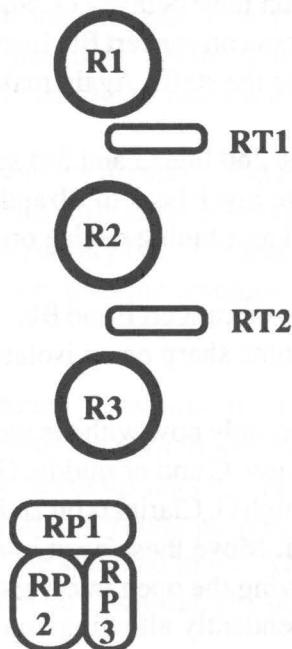
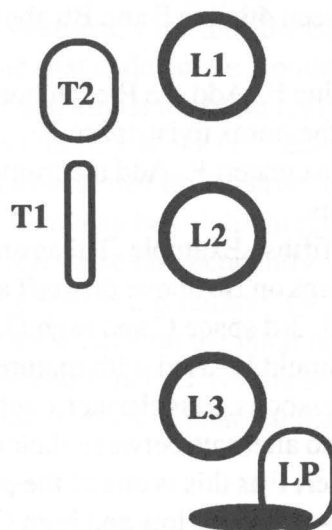
Flute Fingering Chart

Low B foot joint only.

| | | | | | | |
|-------|-------|-------|-------|-------|-------|---|
| B | C | C# Db | D | D# Eb | E | |
| F | F# Gb | G | G# Ab | A | A# Bb | |
| B | C | C# Db | D | D# Eb | E | F |
| F# Gb | G | G# Ab | A | A# Bb | B | C |
| C# Db | D | D# Eb | E | F | F# Gb | G |
| G# Ab | A | A# Bb | B | C | C# Db | D |

(When more than one fingering is shown, the first is the most common.)

Flute



Pitch Tendencies & Adjustments

Flute

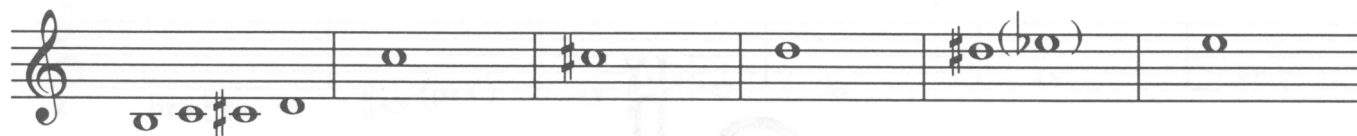
(Notes not addressed are generally acceptable)

S = sharp

F = flat

V = very

1/2H = half-hole



Pitch

Tendency

F

S

VS

F

F

F

Adjustment

Direct air flow upwards

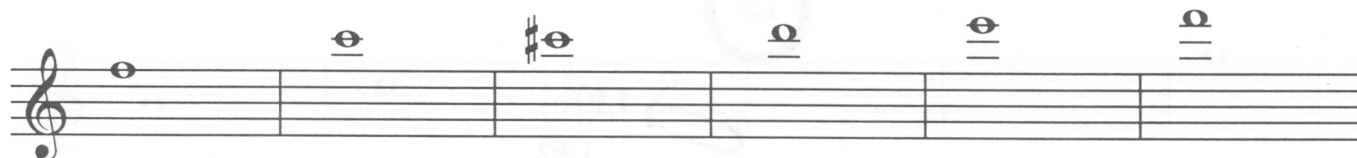
Add 3rd finger of left hand and direct air down

Add all 3 fingers of right hand or use low C# fingering, Direct air down

Add top right hand trill key 1/2 open RT1

1/2H 3rd finger of right hand

Add lower right hand trill key RT2



F

S

VS

F

S

F

1/2H right hand 1st finger

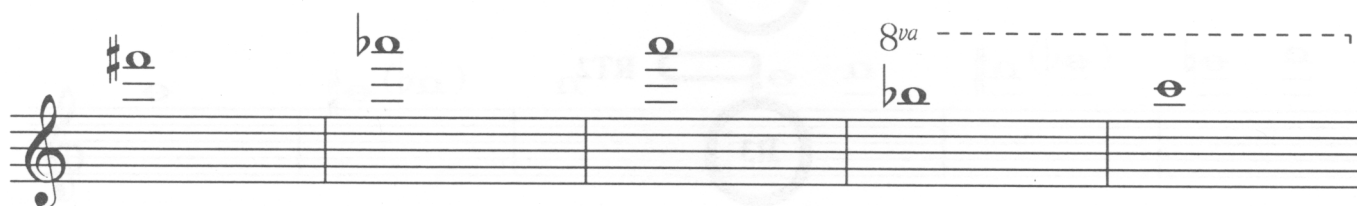
Add 3rd finger of left hand Direct air down

Add all 3 fingers of right hand, Direct air down

1/2H left hand 3rd finger

Do not use Eb key RP1

Use low C# (RP2) in place of Eb (RP1)



Note: Could be high or low depending on instrument

Note: Could be high or low depending on instrument.

S

F

S

F

S

S

F

Use right hand 2nd finger to replace right hand 3rd

Use low C# (RP2) in place of Eb (RP1)

Add 2nd & 3rd finger of right hand

Add right hand 3rd finger and use low C# (RP2) to replace Eb (RP1)

Use thumb, L1 and L3 of left hand, RT1, RT2 and RP1 of right hand. Many alternates exist. Experiment on your instrument.

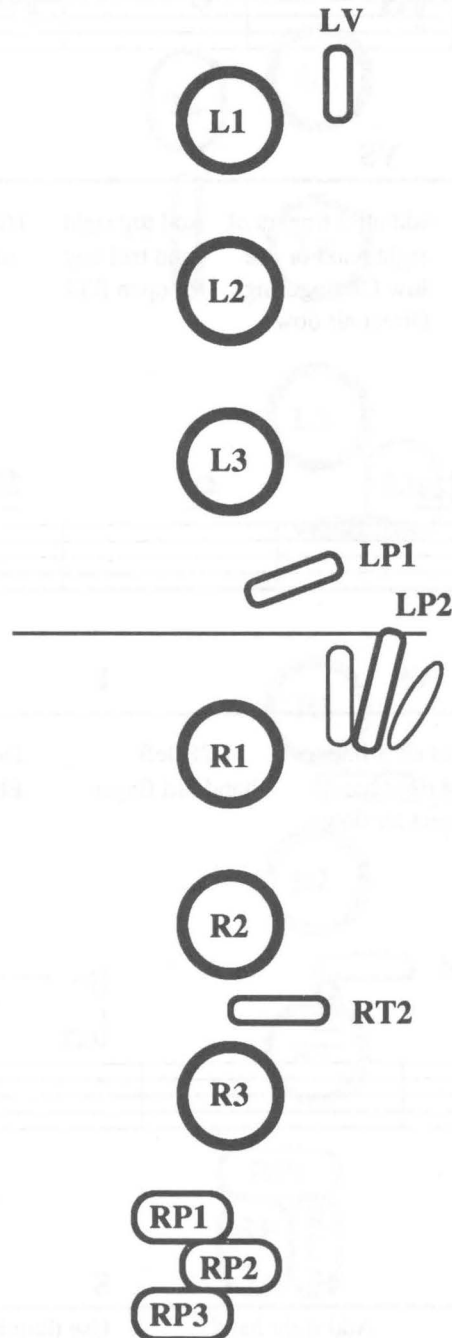
Use all 4 fingers of left hand, 1st & half hole 2nd of right hand (No thumb for either)

Use all 4 of left, 1 3 and C key of right.

Oboe Fingering Chart

| A# | Bb | B | C | C# | Db | D | D# | Eb | E |
|----|----|---|----|----|----|---|----|----|---|
| | | | | | | | | | |
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Oboe



Oboe

V = Very

(Notes not addressed are generally acceptable)

| | | | | | | | |
|----------------|---|----|---|---|---|---|---|
| Pitch Tendency | F | VF | F | S | F | S | S |
|----------------|---|----|---|---|---|---|---|

| | | | | | | | |
|-------------------|----------------------------------|------------------------------------|------------------------------------|-------------------|----------------------|--------------|----------------------------|
| Adjustment | Use RP3 More reed in mouth | More reed & air Firm embouchure | More reed & air Firm embouchure | Add low R3 key | Regular fingering | R1/R3 RP3 | Less reed Add R3 or RP1 |
|-------------------|----------------------------------|------------------------------------|------------------------------------|-------------------|----------------------|--------------|----------------------------|

S VS S S F S S

| | | | | | | |
|--------------|--|-----------|--|---------|------------------------|---------|
| Add R3 & RP1 | Use less reed Add RP1 or R1, R2 & R3 | Less reed | Add LP2 or Low Bb key if available | Add RP3 | Use R1 & R3 only | Add LP2 |
|--------------|--|-----------|--|---------|------------------------|---------|

F F VF VS F S

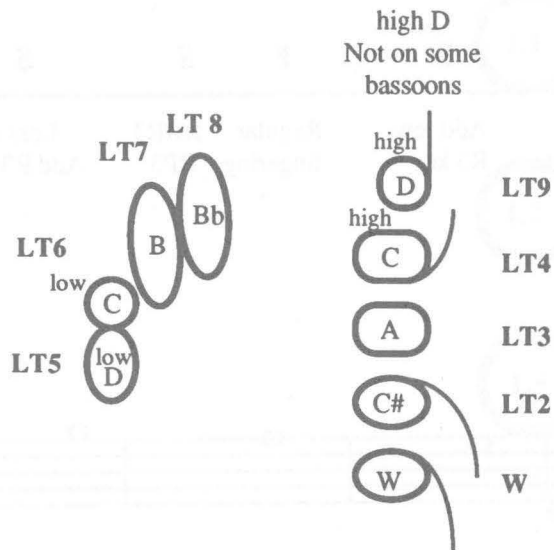
| | | | | |
|-------------------|------------------|------------------|---------|-------------------------------|
| Use more reed | Use more reed | Use more reed | Add LP2 | Multiple fingerings Available |
| Add adjusting key | Add adjusting | Add adjusting | | depending on instrument |
| Such as LP1 | key - experiment | key - experiment | | Experiment |
| Experiment | | | | |

Bassoon Fingering Chart

Bassoon

Back

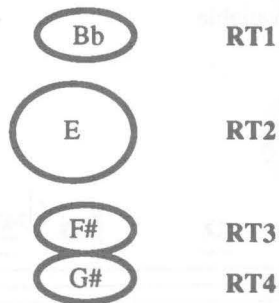
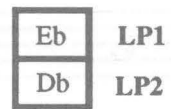
Front



1

2

3

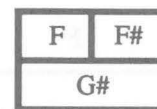


4

5

6 G

RP1



RP2

RP3

(Trill keys not needed for basic fingerings are not included)

Pitch Tendencies & Adjustments

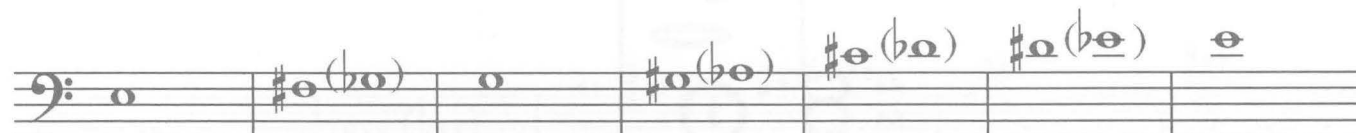
Bassoon

F = Flat
S = Sharp
V = Very
1/2H = Half hole

(Notes not addressed are generally acceptable)



| Pitch Tendency | S | F or S | F or S | F or S | F |
|----------------|---|---|---|---|-----------------------------------|
| Adjustment | No alternate exists Drop jaw, open throat Check on adding tuning ring, if extremely sharp | Could be either Use RT3 RP2 - alternate | Could be either Use RP3 RT4 - alternate | Could be either Stuffy & unstable Use W, LT2, LT5 | Unstable Add 4, RT1 to W, 1, 3 |



| F | VS | S | S | F or S | F | F |
|--|---|-----------------------------------|-----------------------------------|--|-------------------|--|
| Add 6 to W, 1 If still flat or unstable, reed is too soft or closed | Use RT3, W, 1/2H 1, 2, 3, 4, 5, 6, LP1. May need more open 1/2 hole to speak better | Use W, 1/2H 1, 2, 3, 4, 5, 6, LP1 | Use RP3, W, 1/2H 1, 2, 3, 4, 5, 6 | Could be either Unstable Add 5, 6, RP1 to 1, 2, 3, LT2 | Use 1, 2, 4, 5, 6 | Use 1, 3, 4, 5, 6, and either LP1 or LP2 |

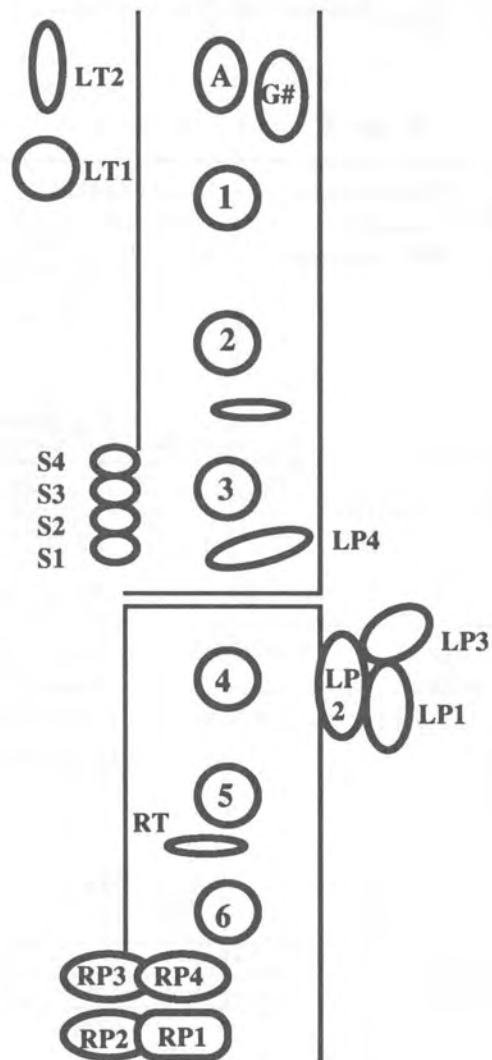


| F | F or S | S | S | F | S |
|--|---|-----------------------------|----------------|--|----------------------------------|
| Use 1, 3, 4, 5, plus either LP1 or LP2 | Best: 2, LP1, 4, 5, RP1 Sharper: 2, 3, 4, 5, RT1, LP1 or LP2 Flatter: 1/2H 1, 2, 3, 4 | Use W, 1/2H 1, 2, 3, 4, RP1 | Use 1, 2, 3, 6 | Add LP1 or LP2 to LT2, LT3, 1, 2, 3, 6 | Use LT2, LT3, 1, 2, 3, 4, 5, RP1 |

B \flat Clarinet Fingering Chart

| | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---|
| E | F | F \sharp G \flat | G | G \sharp A \flat | A | A \sharp B \flat | | |
| B | C | C \sharp D \flat | D | D \sharp E \flat | E | F | F \sharp G \flat | |
| G | G \sharp A \flat | A | A \sharp B \flat | B | C | | | |
| C \sharp D \flat | D | D \sharp E \flat | E | F | F \sharp G \flat | G | G \sharp A \flat | A |
| A \sharp B \flat | B | C | C \sharp D \flat | D | D \sharp E \flat | E | F | |
| F \sharp G \flat | G | G \sharp A \flat | A | A \sharp B \flat | B | C | | |

Clarinet

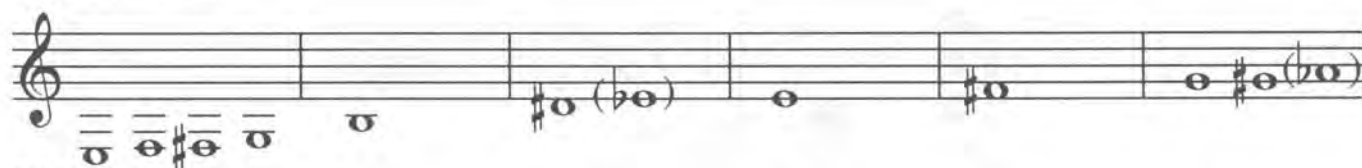


Pitch Tendencies & Adjustments

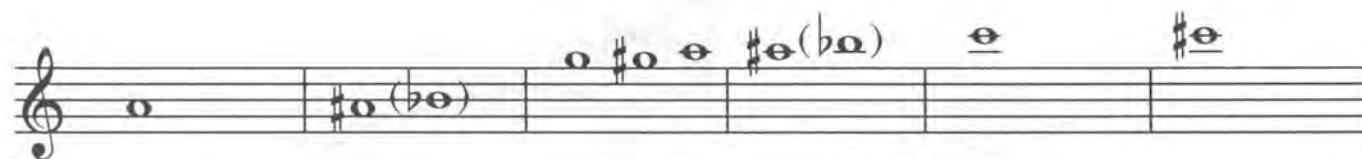
Clarinet

F = Flat
S = Sharp
V = Very
1/2H = Half hole

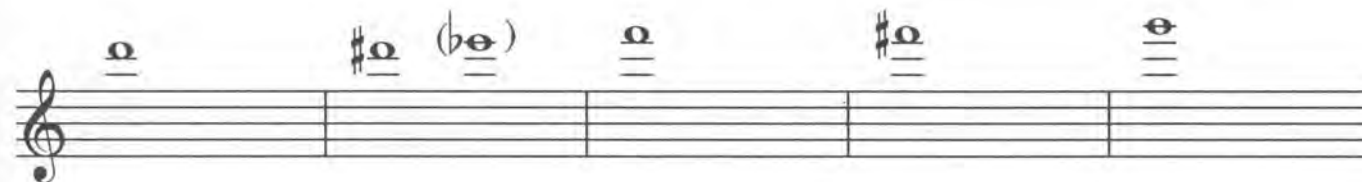
(Notes not addressed are generally acceptable)



| Pitch Tendency | F | F | F | F | F | S |
|----------------------|----|-----------------|-----------|------|----------|-------------|
| Adjustment | No | 1, 2, 3, 4 & RT | Use 1 & 4 | none | LT1 & S1 | Add 4, 5, 6 |
| Fingering Adjustment | | | | | | |



| Pitch Tendency | S | VS | S | S | S | S |
|----------------------|------------------------|----------------------------|------|---------------------|-------------------------------|-------------|
| Adjustment | Use 3, 4, 5, 6 and RP1 | Use A & S4 or 3, 4 and RP1 | None | Use A & S4 or 1 & 4 | None | half hole 1 |
| Fingering Adjustment | | | | | Possible shading of left hand | |



| Pitch Tendency | S | S | VF | VF | F |
|----------------------|-------------|---------------------------|---------------------------|-------------------------|---|
| Adjustment | half hole 1 | LT1, 1/2H 1, 2, 3 and RP4 | LT1, 1, 2, 3, LP4 4, 5, 6 | LT1, 1, 2, 4, 5, 6, RP4 | LT1, 2, 4, 5, RP4 or LT1, 1, 4, RP4 or LT1, RP4 |
| Fingering Adjustment | | | | | |

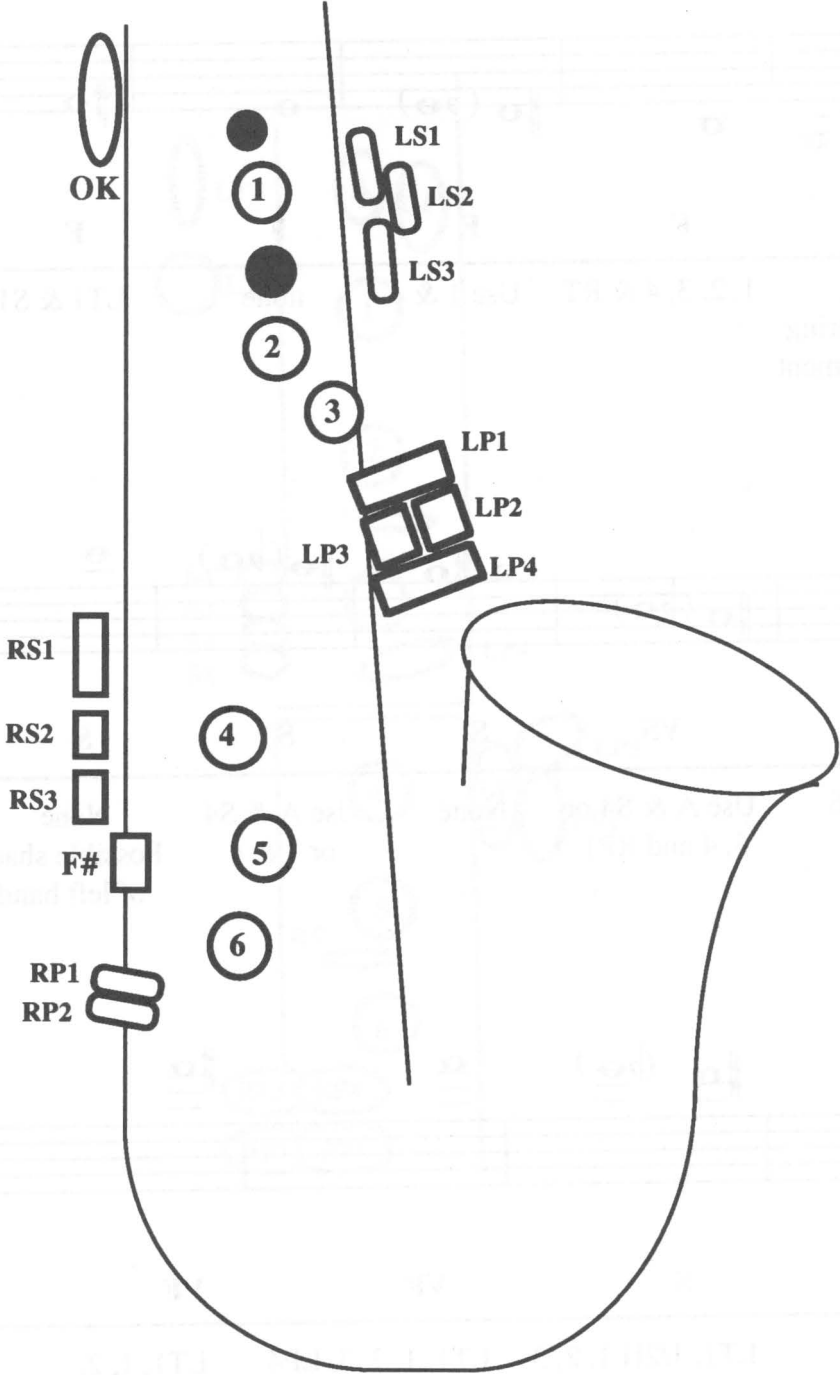
E♭ Alto Saxophone Fingering Chart

| | | | | | | |
|----------|----------|----------|----------|----------|----------|---|
| A# Bb | B | C | C# Db | D | D# Eb | E |
| F | F# Gb | G | G# Ab | A | A# Bb | B |
| B | C | C# Db | D | D# Eb | E | F |
| F# Gb | G | G# Ab | A | A# Bb | B | C |

(Notes on gray background are suggested altissimo fingerings.)

| | | | | | | |
|----------|---|----------|---|----------|---|---|
| F# Gb | G | G# Ab | A | A# Bb | B | C |
|----------|---|----------|---|----------|---|---|

Saxophone



Pitch Tendencies & Adjustments

Alto Saxophone

F = Flat
S = Sharp
V = Very

*Note: Finger Adjustments will
tend to cause timbre changes*

(Notes not addressed are
generally acceptable)



| Pitch Tendency | F | F | VF | F | F | VF |
|----------------|------|---------|---------|----------------|------------|---------------------|
| Adjustment | None | Add LP2 | Add LP2 | Add LP3 or LP4 | Add F# key | Add RS2 or OK and 3 |



| Pitch Tendency | S | S | VS | S | S | S |
|----------------|---------|---------|---------|---------|---------|-------|
| Adjustment | Add LP3 | Add LP3 | Add LP4 | Add RP2 | Add RP2 | Add 6 |



| Pitch Tendency | S | VVS | VS | VS | VVS | VS |
|----------------|-------------|-----------|-------------|-----------|----------------------|-----------|
| Adjustment | Add 4, 5, 6 | Use 4 & 6 | Add 4, 5, 6 | Close LS2 | Close LS2 or Use RP1 | Close LS1 |

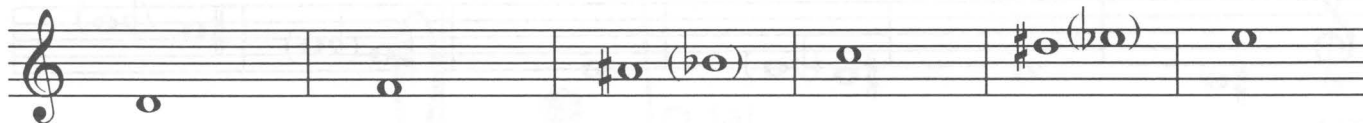
Pitch Tendencies & Adjustments

Tenor Saxophone

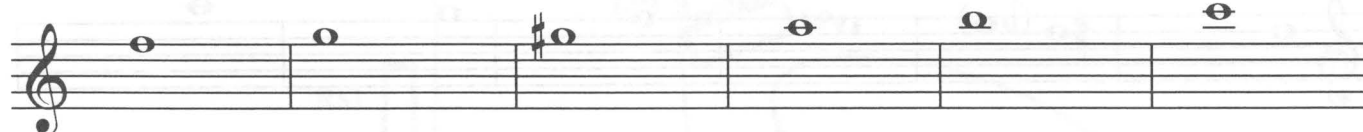
F = Flat
S = Sharp
V = Very

*Note: Finger Adjustments will
tend to cause timbre changes*

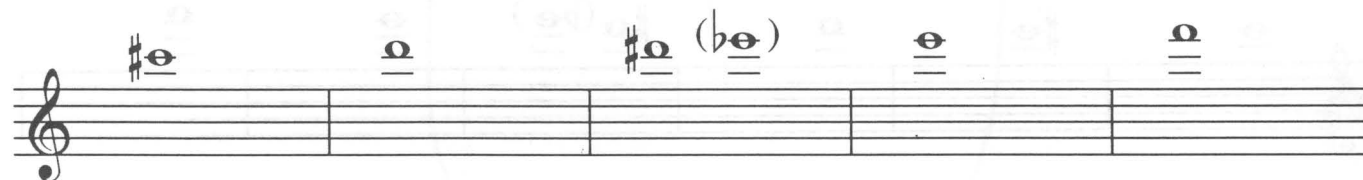
(Notes not addressed are
generally acceptable)



| | | | | | | |
|-------------------|------|---------|---------|-------------|-------------|---------|
| Pitch Tendency | F | F | F | S | S | VS |
| Adjustment | None | Add RP1 | Use LP1 | Use 4, 5, 6 | Use 4, 5, 6 | Use LP4 |



| | | | | | |
|---------|---------|--------------------|-------|------|-------------|
| S | VS | S | S | S | VVS |
| Use RP2 | Use RP2 | Use RP2 and LP4 | Use 6 | None | Use 4, 5, 6 |



| | | | | |
|-----------|-------------|-----------|-------------------------|-----------|
| VVS | VS | VS | VVS | VS |
| Use 4 & 6 | Use 4, 5, 6 | Close LS2 | Close LS2 or Use RP1 | Close LS1 |

B♭ Tenor Saxophone Fingering Chart

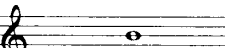
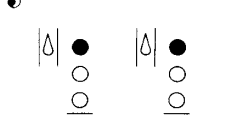
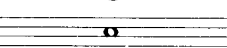
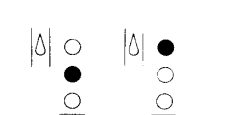
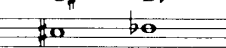
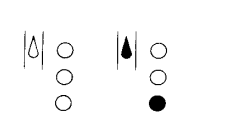
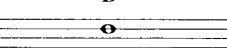
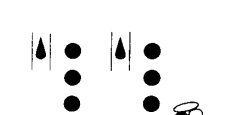
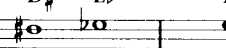
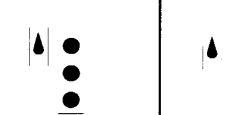
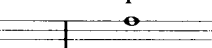
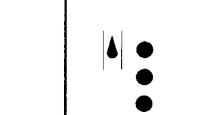


| B | C | C# | Db | D | D# | Eb | E | F |
|--|--|--|--|--|--|--|--|--|
|   (raises pitch) |   (raises pitch) |   (raises pitch) |   (lowers pitch) |   (lowers pitch) |   (lowers pitch) |   (lowers pitch) | (lowers pitch) | (lowers pitch) |

Diagram 1: Musical notation for the first six notes of the scale: F#, Gb, G, G#, Ab, A. Each note is shown with a treble clef, a sharp or flat sign, and a whole note. Below each note is a vertical staff with five lines and five circles, representing a pentatonic scale. The circles are filled or empty to indicate which notes are included in the pentatonic scale for each note.

| C | C# | D \flat | D | D# | E \flat | E | F |
|---|----|-----------|---|----|-----------|---|---|
| | | | | | | | |

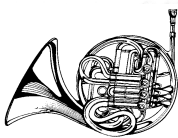
(Notes on gray background are suggested altissimo fingerings.)

(When more than one fingering is shown, the first is the most common.)

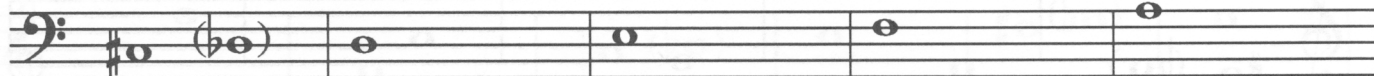
Pitch Tendencies & Adjustments

French Horn

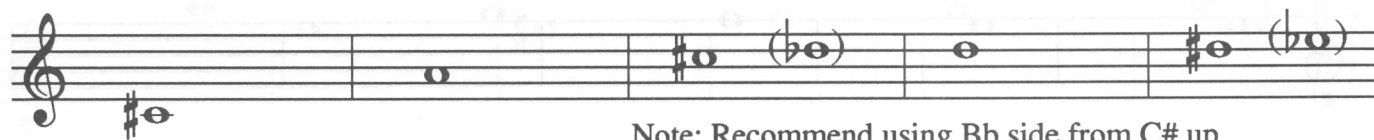
F = Flat
S = Sharp
V = Very



(Notes not addressed are generally acceptable)



| Pitch Tendency | VS | S | S | F | S |
|----------------|--------------------------------|--|--------------------------|--------------------------|-------------------------|
| Adjustment | Use Bb side 2nd & 3rd valve | Use Bb side 1st & 2nd or 3rd valve | Use Bb side 2nd valve | Use Bb side play open | Use F side 3rd valve |



Note: Recommend using Bb side from C# up

| | S | S | S | F | S | F |
|------------|-------------------------|-------------------------|--------------------------|------------------------|-----------------------------|----------------------|
| Adjustment | Use F side 3rd valve | Use F side 3rd valve | Use Bb side 2nd & 3rd | F side play open | Bb side use 3rd valve | Bb side 1st valve |



| | F | F | F | F | F | F | VF | S |
|------------|--------------------------|---------------------|-----------------|---------------------|--------------------|---------------------|-----------------|--------------------|
| Adjustment | Use Bb side 2nd valve | F side 1st & 3rd | Bb side open | F side 2nd & 3rd | Bb side use 2nd | F side 1st & 3rd | Bb side open | Bb side use 3rd |

French Horn Fingering Chart

Many players prefer to use the B \flat Horn (trigger) when they reach second line G \sharp and continue to use it throughout the upper register.

| C | C \sharp D \flat | D | D \sharp E \flat | E | F |
|------|----------------------|-------|----------------------|-----|--------|
| | | | | | |
| Open | T 2 3 | T 1 2 | T 1 | T 2 | T open |

| F \sharp G \flat | G | G \sharp A \flat | A | A \sharp B \flat | B |
|----------------------|-----|----------------------|-----|----------------------|---|
| | | | | | |
| 1 2 3 | 1 3 | 2 3 | 1 2 | 1 | 2 |

| C | C \sharp D \flat | D | D \sharp E \flat | E | F |
|------|----------------------|--------------|----------------------|------------|-------------|
| | | | | | |
| Open | T 2 3 or 1 2 3 | T 1 2 or 1 3 | T 1 or 2 3 | T 2 or 1 2 | T open or 1 |

| F \sharp G \flat | G | G \sharp A \flat | A | A \sharp B \flat | B |
|----------------------|------|----------------------|-----|----------------------|---|
| | | | | | |
| 2 | Open | 2 3 | 1 2 | 1 | 2 |

| C | C \sharp D \flat | D | D \sharp E \flat | E | F | F \sharp G \flat |
|------|----------------------|---|----------------------|------|---|----------------------|
| | | | | | | |
| Open | 1 2 | 1 | 2 | Open | 1 | 2 |

| G | G \sharp A \flat | A | A \sharp B \flat | B | C |
|------|----------------------|--------------|----------------------|----------|----------------|
| | | | | | |
| Open | T 2 3 or 2 3 | T 1 2 or 1 2 | T 1 or 1 | T 2 or 2 | T open or Open |

| C \sharp D \flat | D | D \sharp E \flat | E | F | F \sharp G \flat |
|----------------------|--------------------|----------------------|-------------|-------------|----------------------|
| | | | | | |
| T 2 3 or 1 2 or 2 | T 1 2 or 1 or Open | T 1 or 2 | T 2 or Open | T open or 1 | T 2 or T 1 2 or 2 |

| G | G \sharp A \flat | A | A \sharp B \flat | B | C |
|-----------------------|----------------------|------------------------|----------------------|----------|----------------|
| | | | | | |
| T open or T 1 or Open | T 2 3 or T 2 or 2 3 | T 1 2 or T open or 1 2 | T 1 or 1 | T 2 or 2 | T open or Open |

(When more than one fingering is shown, the first is the most common.)

B♭ Trumpet Fingering Chart

(Notes on gray background are pedal tones -- younger players should use 1 2 3 for all pedal tones.)

| C | C# D♭ | D | D# E♭ | E | F |
|------|-------|-----|-------|-----|---|
| | | | | | |
| Open | 1 2 3 | 1 3 | 2 3 | 1 2 | 1 |

| F# G♭ | G | G# A♭ | A | A# B♭ | B |
|-------|-----|-------|----------|-------|---|
| | | | | | |
| 1 2 3 | 1 3 | 2 3 | 1 2 or 3 | 1 | 2 |

| C | C# D♭ | D | D# E♭ | E | F |
|------|-------|-----|-------|----------|---|
| | | | | | |
| Open | 1 2 3 | 1 3 | 2 3 | 1 2 or 3 | 1 |

| F# G♭ | G | G# A♭ | A | A# B♭ | B |
|------------|-------------|-------|----------|------------|----------|
| | | | | | |
| 2 or 1 2 3 | Open or 1 3 | 2 3 | 1 2 or 3 | 1 or 1 2 3 | 2 or 1 3 |

| C | C# D♭ | D | D# E♭ | E | F |
|-------------|----------|----------|----------|-------------|---|
| | | | | | |
| Open or 2 3 | 1 2 or 3 | 1 or 1 3 | 2 or 2 3 | Open or 1 2 | 1 |

| F# G♭ | G | G# A♭ | A | A# B♭ | B |
|-------|-------------|-------|----------|-------|---|
| | | | | | |
| 2 | Open or 1 3 | 2 3 | 1 2 or 3 | 1 | 2 |

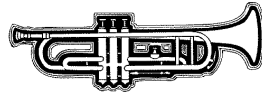
| C | C# D♭ | D | D# E♭ | E | F |
|------|----------|-----------|-------|------|---|
| | | | | | |
| Open | 2 or 1 2 | Open or 1 | 2 | Open | 1 |

(When more than one fingering is shown, the first is the most common.)

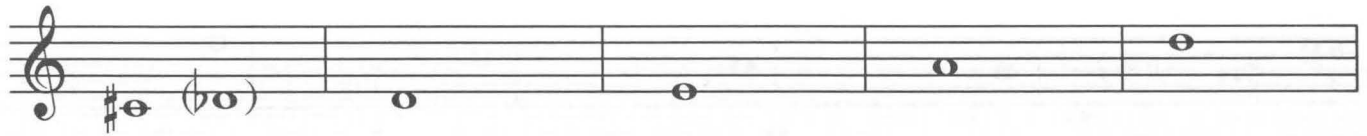
Pitch Tendencies & Adjustments

Trumpet & Baritone

F = Flat
S = Sharp
V = Very

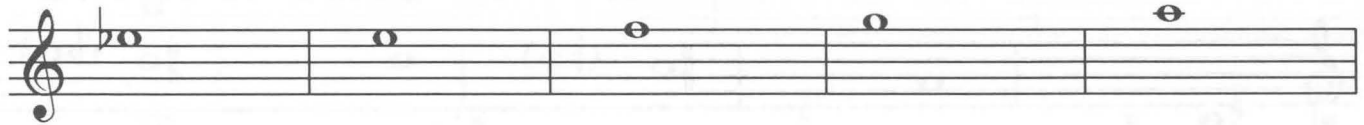


(Notes not addressed are generally acceptable)

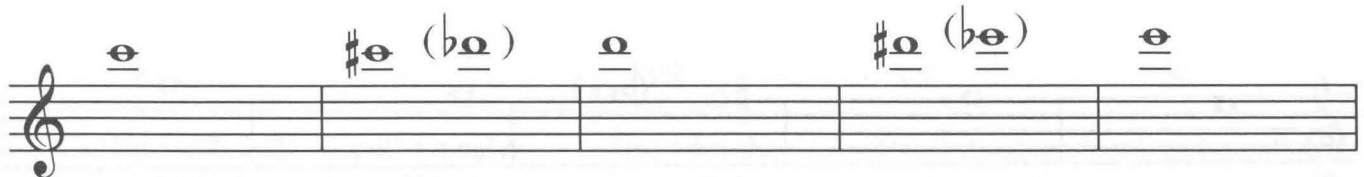


| Pitch Tendency | VVS | VS | S | S | F |
|----------------|-----------------------|-----------------------|---------------------------------|---------------------------------|---------------------------------|
| Adjustment | Pull 1st or 3rd slide | Pull 1st or 3rd slide | Pull 1st slide or use 3rd valve | Pull 1st slide or use 3rd valve | Use 1st & 3rd pull either slide |

Support with air; use 1st & 3rd only to match others if very flat.



| Pitch Tendency | F | F | S | VS | S |
|----------------|---------------------|------------------------------|----------------|---------------------------------|---------------------------------|
| Adjustment | Use 2nd & 3rd valve | Use 1st & 2nd pull 1st slide | Pull 1st slide | Use 1st & 3rd pull either slide | Pull 1st slide or use 3rd valve |



| Pitch Tendency | S | F | F | F | F |
|----------------|---------------|---------------|-----------|---------------|---------------|
| Adjustment | Use 1st valve | Use 2nd valve | Play open | Use 2nd & 3rd | Use 1st & 2nd |

Trombone Position Chart

Notes on gray background are pedal tones.

| F | F# Gb | G | G# Ab | A | A# Bb |
|---|-------|---|-------|---|-------|
| | | | | | |
| 6 | 5 | 4 | 3 | 2 | 1 |

| B | C | C# Db | D | D# Eb | E | F |
|-------------------|-----|-------|-----|-------|----------|----------|
| | | | | | | |
| Tb7 (lip down) | T 7 | T 6 | Tb4 | Tb3 | 7 or T 2 | 6 or T 1 |

| F# Gb | G | G# Ab | A | A# Bb | B | C |
|-------|----------|----------|----------|----------|----------|----------|
| | | | | | | |
| 5 | 4 or Tb6 | 3 or T 6 | 2 or Tb4 | 1 or Tb3 | 7 or Tb2 | 6 or T 1 |

| C# Db | D | D# Eb | E | F | F# Gb | G |
|-------|---|-------|--------|--------|-------|---|
| | | | | | | |
| 5 | 4 | 3 | 2 or 7 | 1 or 6 | 5 | 4 |

| G# Ab | A | A# Bb | B | C | C# Db |
|--------|--------|---------|---------|---------|---------|
| | | | | | |
| 3 or 7 | 2 or 6 | 1 or #5 | 4 or b7 | 3 or b6 | 2 or b5 |

| D | D# Eb | E | F | F# Gb | G |
|---------|---------|---------|--------------|--------------|--------------|
| | | | | | |
| 1 or b4 | 3 or #6 | 2 or #5 | 1 or #4 or 6 | #3 or 5 or 7 | #2 or 4 or 6 |

| G# Ab | A | A# Bb | B | C | D |
|-------------|-------------|-------------|--------|--------------|---------|
| | | | | | |
| 3 or 5 or 7 | 2 or 4 or 6 | 1 or 3 or 5 | 2 or 4 | 3 or b1 or 6 | 1 or b4 |

(When more than one position is shown, the first is the most common.)

Pitch Tendencies & Adjustments

Trombone

F = Flat
S = Sharp
V = Very

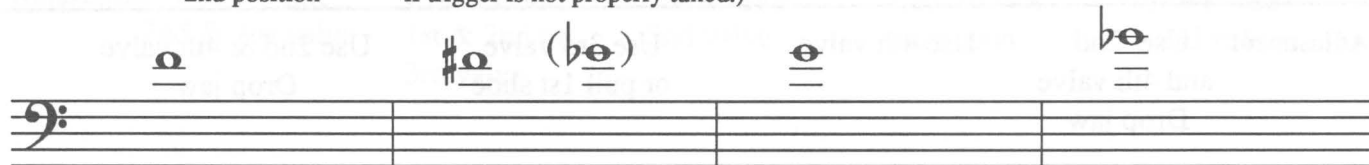


(Notes not addressed are generally acceptable)



| Pitch Tendency | S | S | S | F |
|----------------|---|---|---|---|
|----------------|---|---|---|---|

| Adjustment | Use trigger and lower 2nd position | Use trigger and lower 1st position. (May still be very sharp if trigger is not properly tuned.) | Lower 1st position | Use 4th position |
|------------|------------------------------------|---|--------------------|------------------|
|------------|------------------------------------|---|--------------------|------------------|



| VS | VF | VF | S |
|----|----|----|---|
|----|----|----|---|

| Lower 1st position | Raise 3rd position | Raise 2nd position | Lower 1st position |
|--------------------|--------------------|--------------------|--------------------|
|--------------------|--------------------|--------------------|--------------------|

Euphonium B.C. Fingering Chart

(Automatic Compensating)

Notes on gray background are pedal tones.

| A [#] | B ^b | B | C | C [#] | D ^b | D |
|----------------|----------------|-------|-------|----------------|----------------|---|
| | | | | | | |
| Open | 1 2 3 4 | 1 3 4 | 2 3 4 | 1 2 4 or 3 4 | | |

| D [#] | E ^b | E | F | F [#] | G ^b | G | G [#] | A ^b |
|----------------|----------------|----------|----------------|-------------------|----------------|---|----------------|----------------|
| | | | | | | | | |
| 1 4 | 2 4 | 4 or 1 3 | 2 3 or 1 2 3 4 | 1 2 or 3 or 1 3 4 | 1 | | | |

| A | A [#] | B ^b | B | C | C [#] | D ^b | D |
|---|----------------|----------------|----------|--------------|-------------------|----------------|---|
| | | | | | | | |
| 2 | Open | 2 4 or 1 2 3 | 4 or 1 3 | 2 3 or 2 3 4 | 1 2 or 3 or 1 2 4 | | |

| D [#] | E ^b | E | F | F [#] | G ^b | G | G [#] | A ^b |
|---------------------|-------------------|------------------|-------------------------|-----------------|-------------------|---|----------------|----------------|
| | | | | | | | | |
| 1 or 1 4 or 1 2 3 4 | 2 or 1 2 3 or 2 4 | Open or 1 3 or 4 | 2 3 or 1 2 4 or 1 2 3 4 | 1 2 or 3 or 1 4 | 1 or 1 2 3 or 2 4 | | | |

| A | A [#] | B ^b | B | C | C [#] | D ^b |
|---------------|--------------------|--------------------------|------------------------|--------------------------|----------------|----------------|
| | | | | | | |
| 2 or 1 3 or 4 | Open or 2 3 or 1 4 | 1 2 or 3 or 1 2 3 or 2 4 | 1 or 1 3 or 4 or 1 2 4 | 2 or 2 3 or 1 4 or 2 3 4 | | |

| D | D [#] | E ^b | E | F | F [#] | G ^b |
|---------------------------|----------------------|--------------------------|-------------------------|--------------------------|----------------|----------------|
| | | | | | | |
| Open or 1 2 or 3 or 1 2 3 | 1 or 1 3 or 4 or 1 4 | 2 or 1 2 3 or 2 3 or 2 4 | Open or 1 3 or 1 2 or 3 | 2 3 or 1 or 1 2 3 or 2 4 | | |

| G | G [#] | A ^b | A | A [#] | B ^b | B | C |
|----------------------|----------------------------|----------------------|---------------------------|----------------|----------------|---|---|
| | | | | | | | |
| 1 2 or 3 or 1 3 or 4 | 1 or 2 3 or 1 2 3 or 1 3 4 | 2 or 1 2 or 3 or 1 3 | Open or 2 3 or 1 or 1 2 3 | 1 2 or 2 | 2 or 2 3 | | |

(When more than one fingering is shown, the first is the most common.)

Pitch Tendencies & Adjustments

Euphonium

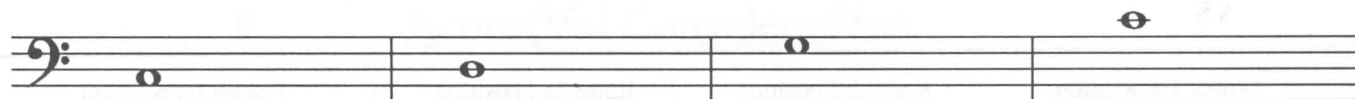
F = Flat
S = Sharp
V = Very



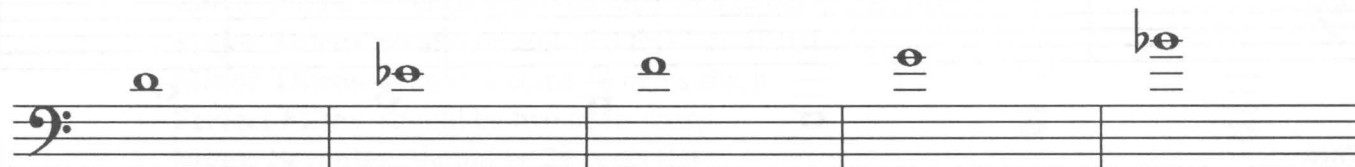
(Notes not addressed are generally acceptable)



| Pitch Tendency | VVS | VS | S | VVS |
|----------------|-----------------------------------|---------------|---------------------------------|---------------------------------|
| Adjustment | Use 2nd and 4th valve Drop jaw | Use 4th valve | Use 3rd valve or pull 1st slide | Use 2nd & 4th valve Drop jaw |



| Pitch Tendency | VS | S | S | F |
|----------------|---------------|---------------------------------|---------------------------------|--|
| Adjustment | Use 4th valve | Use 3rd valve or pull 1st slide | Use 3rd valve or pull 1st slide | Use 1st & 3rd valve pull 1st valve slide or use 4th valve |



| Pitch Tendency | F | S | VS | VS | S |
|----------------|----------------------------|----------------------|---|---------------------------------|---------------|
| Adjustment | Use 1st & 2nd or 3rd valve | pull 1st valve slide | Use 4th valve or 1st & 3rd valve and pull 1st slide | Use 3rd valve or pull 1st slide | Use 1st valve |

Tuba Fingering Chart

Notes on gray background are pedal tones.

| | A \sharp | B \flat | B | C | C \sharp | D \flat | D | D \sharp | E \flat | E | F |
|-----------------|------------|------------------------------|---------|------------------------------|------------|-----------|--------------|------------|-----------|-------|---|
| | | | | | | | | | | | |
| BB \flat Tuba | Open | 1 2 3 4 or 2 3 (lip down) | 1 2 3 4 | 1 3 4 | 2 3 4 | 1 2 4 | 2 4 or 1 2 3 | 4 or 1 3 | | | |
| C Tuba | 1 | 2 | Open | 1 2 3 4 or 2 3 (lip down) | 1 2 3 4 | 1 3 4 | 2 3 4 | 1 2 4 | 2 3 4 | 1 2 4 | |

| | F \sharp | G \flat | G | G \sharp | A \flat | A | A \sharp | B \flat | B | C | C \sharp | D \flat |
|-----------------|------------|-----------|-----|------------|-----------|--------------|------------|-----------|---|---|------------|-----------|
| | | | | | | | | | | | | |
| BB \flat Tuba | 2 3 | 1 2 | 1 | 2 | Open | 2 4 or 1 2 3 | 4 or 1 3 | 2 3 | | | | |
| C Tuba | 2 4 | 4 | 2 3 | 1 2 | 1 | 2 | Open | 2 4 | | | | |

| | D | D \sharp | E \flat | E | F | F \sharp | G \flat | G | G \sharp | A \flat | A |
|-----------------|-----|------------|-----------|------|-----|------------|-----------|-----|------------|-----------|---|
| | | | | | | | | | | | |
| BB \flat Tuba | 1 2 | 1 | 2 | Open | 2 3 | 1 2 | 1 | 2 | | | |
| C Tuba | 4 | 2 3 | 1 2 | 1 | 2 | Open | 2 3 | 1 2 | | | |

| | A \sharp | B \flat | B | C | C \sharp | D \flat | D | D \sharp | E \flat | E | F |
|-----------------|------------|-----------|------|-----|------------|-----------|------|------------|-----------|---|---|
| | | | | | | | | | | | |
| BB \flat Tuba | Open | 1 2 | 1 | 2 | Open | 1 | 2 | Open | | | |
| C Tuba | 1 | 2 | Open | 1 2 | 1 | 2 | Open | 1 | | | |

| | F \sharp | G \flat | G | G \sharp | A \flat | A | A \sharp | B \flat | B | C | C \sharp | D \flat |
|-----------------|------------|-----------|-----|------------|-----------|-----|------------|-----------|------|---|------------|-----------|
| | | | | | | | | | | | | |
| BB \flat Tuba | 2 3 | 1 2 | 1 | 2 | Open | 1 2 | 1 | 2 | Open | | | |
| C Tuba | 2 | Open | 2 3 | 1 2 | 1 | 2 | Open | 1 2 | | | | |

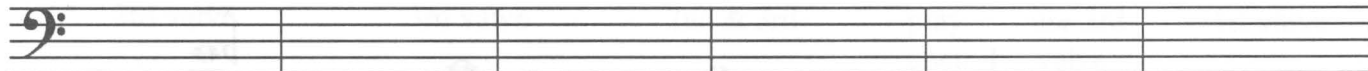
| | D | D \sharp | E \flat | E | F | F \sharp | G \flat | G | G \sharp | A \flat | A | A \sharp | B \flat |
|-----------------|------|------------|-----------|------|-----|------------|-----------|-----|------------|-----------|---|------------|-----------|
| | | | | | | | | | | | | | |
| BB \flat Tuba | Open | 1 | 2 | Open | 2 3 | 1 2 | 1 | 2 | Open | | | | |
| C Tuba | 1 | 2 | Open | 1 | 2 | Open | 2 3 | 1 2 | 1 | | | | |

(When more than one fingering is shown, the first is the most common.)



Pitch Tendencies & Adjustments

Tuba



Pitch

Tendency

VVS

VS

S

VVS

VS

S

Adjustment

Use 2nd
& 4th valve
Drop jaw

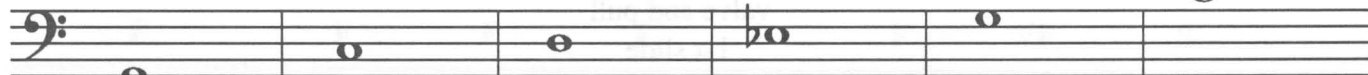
Use 4th valve

Use 3rd valve
or pull 1st valve
slide

Use 2nd & 4th
Drop jaw

Use 4th valve

Use 3rd valve
or pull 1st slide



S

F

F

S

VS

F

Use 3rd valve
or pull 1st slide

Use 1st & 3rd
or 4th valve

Use 1st and 2nd

Pull 1st slide

Use 3rd valve

Play open