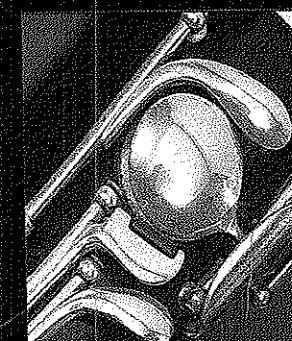
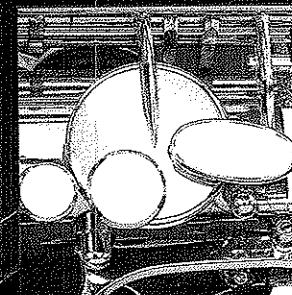
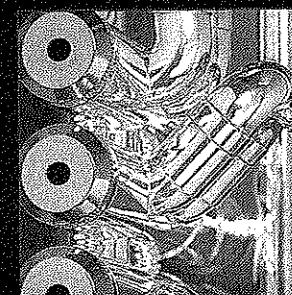
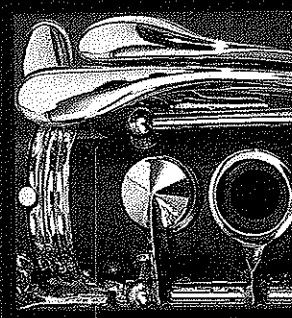
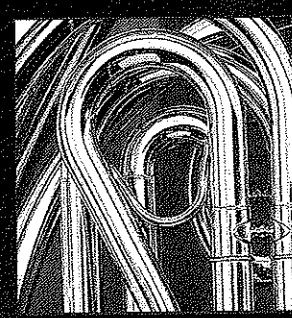
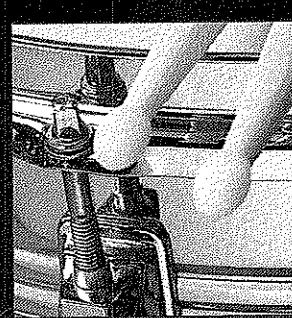
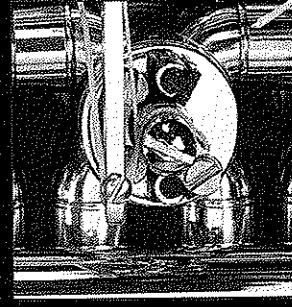
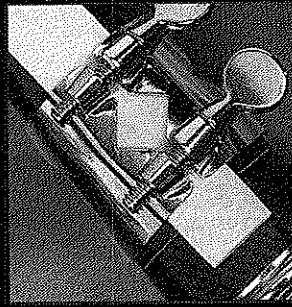


FOUNDATIONS FOR SUPERIOR PERFORMANCE

Warm-Ups & Technique for Band

Richard Williams & Jeff King



NEIL A. KJOS
MUSIC COMPANY
PUBLISHER

E♭ Alto Saxophone Fingering Chart

A♯	B♭	B	C	C♯	D♭	D	D♯	E♭	E
F	F♯	G♭	G	G♯	A♭	A	A♯	B♭	
<p>(Note: Some fingerings are shown on a gray background as suggested altissimo fingerings.)</p> <p>Fingering Options:</p> <ul style="list-style-type: none"> Common Fingerings: Represented by solid black dots. Altissimo Fingerings: Represented by open circles. Alternative Fingerings: Represented by a combination of solid black dots and open circles. Orchestrated Fingerings: Represented by a combination of solid black dots and small black shapes (e.g., triangles). 									
B	C	C♯	D♭	D	D♯	E♭	E	F	
<p>(Note: Some fingerings are shown on a gray background as suggested altissimo fingerings.)</p> <p>Fingering Options:</p> <ul style="list-style-type: none"> Common Fingerings: Represented by solid black dots. Altissimo Fingerings: Represented by open circles. Alternative Fingerings: Represented by a combination of solid black dots and open circles. Orchestrated Fingerings: Represented by a combination of solid black dots and small black shapes (e.g., triangles). 									
F♯	G♭	G	G♯	A♭	A	A♯	B♭	B	
<p>(Note: Some fingerings are shown on a gray background as suggested altissimo fingerings.)</p> <p>Fingering Options:</p> <ul style="list-style-type: none"> Common Fingerings: Represented by solid black dots. Altissimo Fingerings: Represented by open circles. Alternative Fingerings: Represented by a combination of solid black dots and open circles. Orchestrated Fingerings: Represented by a combination of solid black dots and small black shapes (e.g., triangles). 									
C	C♯	D♭	D	D♯	E♭	E	F		
<p>(Note: Some fingerings are shown on a gray background as suggested altissimo fingerings.)</p> <p>Fingering Options:</p> <ul style="list-style-type: none"> Common Fingerings: Represented by solid black dots. Altissimo Fingerings: Represented by open circles. Alternative Fingerings: Represented by a combination of solid black dots and open circles. Orchestrated Fingerings: Represented by a combination of solid black dots and small black shapes (e.g., triangles). 									

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

Name _____

Alto Saxophone

**Foundations for Superior Performance
Warm-Ups and Technique for Band**

by Richard Williams and Jeff King

A comprehensive and sequential book of warm-ups, scales, technical patterns, chord studies, tuning exercises, and chorales for concert band.

Designed to organize the daily rehearsal and advance the performance level of the ensemble.

Practical and efficient exercises in all twelve major keys developed in the classroom.

Table of Contents

Section 1: Warm-Ups

• Concert F Around the Band	2
• Articulation Exercises	3
• Long Tones	4-5
• Warm-Up Sets 1 through 4	6-9

Section 2: Technique

Major and minor scales, mini-scales, scale patterns, scales in thirds, intervals, triads, and chord studies.

• Concert B \flat	10-11
• Concert F	12-13
• Concert C	14-15
• Concert G	16-17
• Concert D	18
• Concert A	19
• Concert E	20
• Concert B	21
• Concert G \flat	22-23
• Concert D \flat	24-25
• Concert A \flat	26-27
• Concert E \flat	28-29

Section 3: Chorales and Tuning Exercises

Interval tuning, chord tuning, and chorales

• Concert B \flat	30-31
• Concert F	32-33
• Concert E \flat	34-35
• Concert C	36
• Concert c minor	37
• Concert G	38
• Concert g minor	39
• Concert A \flat	40

Appendix:

• Circle of Fifths	41
• One Octave Scales and Arpeggios	42
• Full Range Scales	44
• Chromatic Scales	46
• Major Arpeggios and Inversions	48

ISBN 0-8497-7013-0

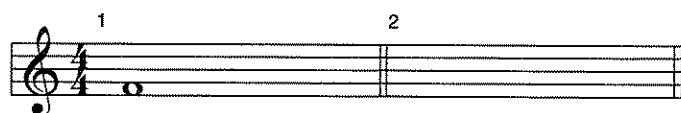
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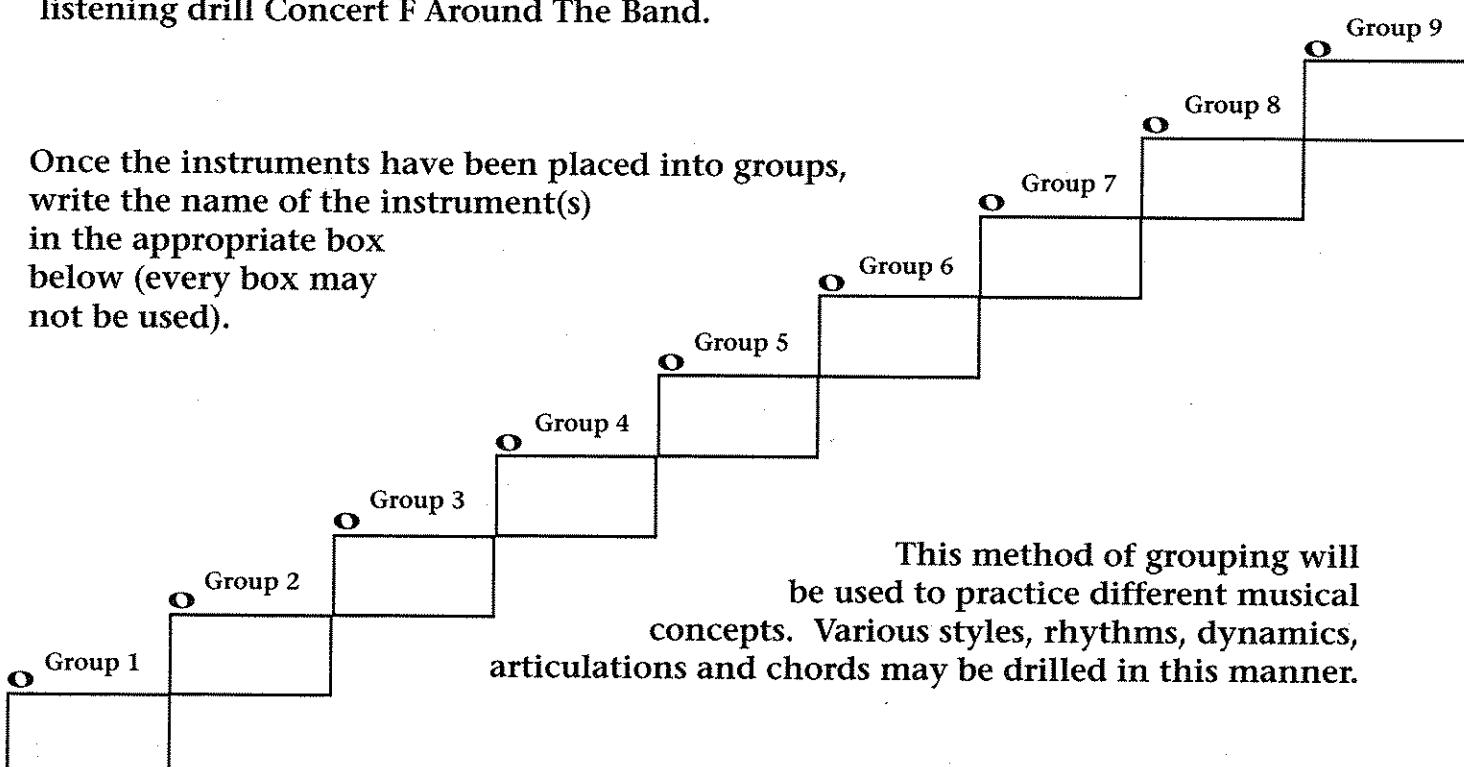
Concert F Around The Band

Each instrument will play concert F in their middle register. As an alto saxophonist, you will need to transpose the concert F in measure one to your instrument's pitch in measure two.

The transposition for alto saxophone is up a major sixth.

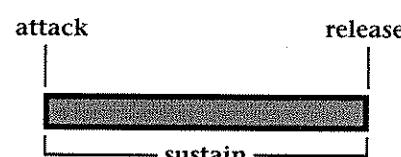


Your director will divide the band into various sections or groups for the listening drill Concert F Around The Band.



As you play the exercise, keep the following concepts in mind:

- match the primary parts of each note (attack-sustain-release)
- work for a smooth shape to each note (no bumps in the sound)
- hand off tenuto notes (full value) without creating "holes" between the attacks
- match intonation, intensity, volume, tone quality, and the "body of sound"
- be aware of the different colors (timbres) of the instrument groups and their location in the room
- listen from the bottom groups and balance low-middle-high



Articulation Exercises

Articulations: A Study in Styles

Four connected quarter-notes (tenuto). The sound of one note "touches" the next note.

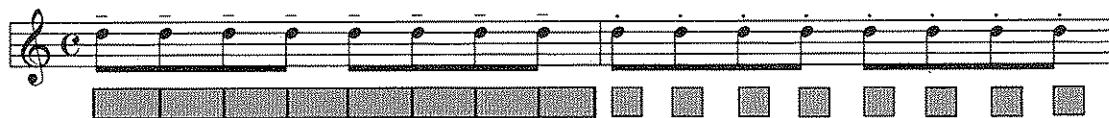


A musical staff in common time (C) with a treble clef. It contains four quarter notes. Below the staff is a corresponding row of eight gray rectangles, where each rectangle's width corresponds to the duration of a quarter note.

Four quarter-notes in "lifted" style. The attack is the same as tenuto, but the end of the note is tapered.

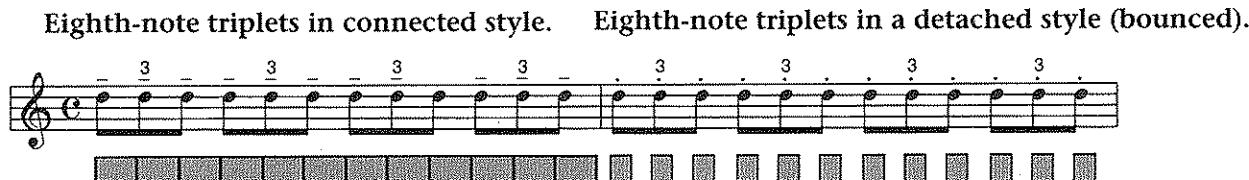
Four quarter-notes "lifted and short" (staccato). Separated and detached (half full value).

Eighth-notes in connected style.



A musical staff in common time (C) with a treble clef. It contains eighth-note triplets. Below the staff is a corresponding row of twenty-four gray rectangles, where each group of three rectangles represents a triplet.

Eighth-notes in lifted and short style.



A musical staff in common time (C) with a treble clef. It contains eighth-note triplets. Below the staff is a corresponding row of twenty-four gray rectangles, where each group of three rectangles represents a triplet, with a noticeable gap or bounce between groups.

Sixteenth-notes in a connected style.



A musical staff in common time (C) with a treble clef. It contains sixteenth-note triplets. Below the staff is a corresponding row of forty-eight gray rectangles, where each group of three rectangles represents a triplet.

Articulation Exercise on Concert F



A five-line musical staff in common time (C) with a treble clef. The staff is divided into measures numbered 1 through 20. The notes are primarily eighth notes and sixteenth notes. Articulations include tenuto, staccato, and slurs. Measure 15 features a triplet. Measures 6, 11, and 15 are marked with an asterisk and the text "opt. ending on whole note". Measures 19 and 20 conclude with a whole note.

Long Tones

Concert F Descending ——————

1

Musical staff in Concert F (C major) with a common time signature. The staff shows notes from 1 to 7. Note 1 is a quarter note, 2 is a half note, 3 is a quarter note, 4 is a half note, 5 is a quarter note, 6 is a half note, and 7 is a quarter note.

2

Musical staff in Concert F (C major) with a common time signature. The staff shows notes from 8 to 14. Note 8 is a half note, 9 is a quarter note, 10 is a half note, 11 is a quarter note, 12 is a half note, 13 is a quarter note, and 14 is a half note.

Long Tone 1 ——————

1a

Musical staff in Concert F (C major) with a common time signature. The staff shows notes from 1 to 7. Note 1 is a quarter note, 2 is a half note, 3 is a quarter note, 4 is a half note, 5 is a quarter note, 6 is a half note, and 7 is a quarter note.

1b

Musical staff in Concert F (C major) with a common time signature. The staff shows notes from 8 to 14. Note 8 is a half note, 9 is a quarter note, 10 is a half note, 11 is a quarter note, 12 is a half note, 13 is a quarter note, and 14 is a half note.

1c

Musical staff in Concert F (C major) with a common time signature. The staff shows notes from 1 to 5. Note 1 is a quarter note, 2 is a half note, 3 is a quarter note, 4 is a half note, and 5 is a quarter note.

1d

Musical staff in Concert F (C major) with a common time signature. The staff shows notes from 6 to 12. Note 6 is a half note, 7 is a quarter note, 8 is a half note, 9 is a quarter note, 10 is a half note, 11 is a quarter note, and 12 is a half note.

Long Tone 2

A musical staff in G clef and common time. It shows a continuous tone pattern from note 1 to note 26. The notes are connected by curved lines above them. The notes are: 1 (open), 2 (filled), 3 (open), 4 (filled), 5 (open), 6 (filled), 7 (open), 8 (filled), 9 (open), 10 (filled), 11 (open), 12 (filled), 13 (open), 14 (filled), 15 (open), 16 (filled), 17 (open), 18 (filled), 19 (open), 20 (filled), 21 (open), 22 (filled), 23 (open), 24 (filled), 25 (open), 26 (filled).

Long Tone 3

3a intervals of a minor 2nd

A musical staff in G clef and common time. It shows intervals of a minor 2nd between notes 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, and 27. The notes are: 1 (open), 2 (filled), 3 (open), 4 (filled), 5 (open), 6 (filled), 7 (open), 8 (filled), 9 (open), 10 (filled), 11 (open), 12 (filled), 13 (open), 14 (filled), 15 (open), 16 (filled), 17 (open), 18 (filled), 19 (open), 20 (filled), 21 (open), 22 (filled), 23 (open), 24 (filled), 25 (open), 26 (filled), 27 (open), 28 (filled).

intervals of a major 2nd

intervals of a minor 3rd

A musical staff in G clef and common time. It shows intervals of a major 2nd between notes 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, and 26. The notes are: 1 (open), 2 (filled), 3 (open), 4 (filled), 5 (open), 6 (filled), 7 (open), 8 (filled), 9 (open), 10 (filled), 11 (open), 12 (filled), 13 (open), 14 (filled), 15 (open), 16 (filled), 17 (open), 18 (filled), 19 (open), 20 (filled), 21 (open), 22 (filled), 23 (open), 24 (filled), 25 (open), 26 (filled), 27 (open), 28 (filled).

intervals of a major 3rd

intervals of a perfect 4th

intervals of an augmented 4th

A musical staff in G clef and common time. It shows intervals of a perfect 4th between notes 3, 7, 11, 15, 19, 23, and 27. The notes are: 1 (open), 2 (filled), 3 (open), 4 (filled), 5 (open), 6 (filled), 7 (open), 8 (filled), 9 (open), 10 (filled), 11 (open), 12 (filled), 13 (open), 14 (filled), 15 (open), 16 (filled), 17 (open), 18 (filled), 19 (open), 20 (filled), 21 (open), 22 (filled), 23 (open), 24 (filled), 25 (open), 26 (filled), 27 (open), 28 (filled).

intervals of a perfect 5th

A musical staff in G clef and common time. It shows intervals of a perfect 5th between notes 4, 9, 14, 19, 24, and 29. The notes are: 1 (open), 2 (filled), 3 (open), 4 (filled), 5 (open), 6 (filled), 7 (open), 8 (filled), 9 (open), 10 (filled), 11 (open), 12 (filled), 13 (open), 14 (filled), 15 (open), 16 (filled), 17 (open), 18 (filled), 19 (open), 20 (filled), 21 (open), 22 (filled), 23 (open), 24 (filled), 25 (open), 26 (filled), 27 (open), 28 (filled), 29 (open).

3b intervals of a minor 2nd

intervals of a major 2nd

intervals of a minor 3rd

A musical staff in G clef and common time. It shows intervals of a minor 2nd between notes 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, and 27. The notes are: 1 (open), 2 (filled), 3 (open), 4 (filled), 5 (open), 6 (filled), 7 (open), 8 (filled), 9 (open), 10 (filled), 11 (open), 12 (filled), 13 (open), 14 (filled), 15 (open), 16 (filled), 17 (open), 18 (filled), 19 (open), 20 (filled), 21 (open), 22 (filled), 23 (open), 24 (filled), 25 (open), 26 (filled), 27 (open), 28 (filled).

intervals of a major 3rd

intervals of a perfect 4th

intervals of an augmented 4th

A musical staff in G clef and common time. It shows intervals of a major 3rd between notes 2, 4, 6, 8, 10, 12, and 14. The notes are: 1 (open), 2 (filled), 3 (open), 4 (filled), 5 (open), 6 (filled), 7 (open), 8 (filled), 9 (open), 10 (filled), 11 (open), 12 (filled), 13 (open), 14 (filled), 15 (open), 16 (filled), 17 (open), 18 (filled), 19 (open), 20 (filled), 21 (open), 22 (filled), 23 (open), 24 (filled), 25 (open), 26 (filled), 27 (open), 28 (filled).

B

G#

Warm-Up Set 1

Option 1 (unison "lip slur" with brass)

Option 2 (octave slur study with brass lip slur)

Options 3, 4, & 5 (technical patterns with brass lip slurs)

Articulation Patterns:

Warm-Up Set 2

Option 1 (unison "lip slur" with brass)

1 2 3 4 5
6 7 8 9 10
11 12 13 14

Option 2 (octave slur study with brass lip slur)

1 2 3 4 5
6 7 8 9 10
11 12 13 14

Options 3, 4, & 5 (technical patterns with brass lip slurs)

Articulation Patterns: 1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8
5 6 7 8
9 10 11 12
13 14

Warm-Up Set 3

Option 1 (unison "lip slur" with brass)

Option 2 (octave slur study with brass lip slur)

Options 3, 4, & 5 (technical patterns with brass lip slurs)

Articulation Patterns: 1 2 3 4 5 6 7 8

Warm-Up Set 4

Option 1 (unison "lip slur" with brass)

1 2 3 4 5
6 7 8 9 10
11 12 13 14

Option 2 (octave slur study with brass lip slur)

1 2 3 4 5
6 7 8 9 10
11 12 13 14

Options 3, 4, & 5 (technical patterns with brass lip slurs)

Articulation Patterns: 1 2 3 4 5 6 7 8

1 2 3 4
5 6 7 8
9 10 11 12
13 14

Technical Exercises in the Key of G (Concert B♭)

Major Scale

Mini-Scale & Tonic Arpeggio

Scale Pattern 1 *articulations:



Saxophones only-extended scale

Scale Pattern 2*

*Scale in Thirds**

A musical score for piano, featuring two staves. The top staff uses a treble clef and has a key signature of one sharp. It consists of two measures of music. The first measure begins with a half note followed by a eighth-note pattern: (E, G, B), (F, A, C), (G, B, D), (A, C, E). The second measure continues this pattern. The bottom staff uses a bass clef and has a key signature of one sharp. It also consists of two measures. The first measure begins with a quarter note followed by a eighth-note pattern: (D, F, A), (E, G, B), (F, A, C), (G, B, D). The second measure continues this pattern. Measures 11 and 12 are separated by vertical bar lines.

Interval Study

A musical score for piano, featuring two staves. The top staff uses a treble clef and the bottom staff uses a bass clef. The key signature is one sharp (F#). Measure 11 starts with a eighth note in the treble clef staff followed by six sixteenth notes. Measures 12 and 13 continue with eighth and sixteenth note patterns, with measure 13 concluding with a half note.

Triads of the G Scale

A musical score in G major (one sharp) and common time. It features a single melodic line on a treble clef staff. Below the staff, Roman numerals indicate the harmonic progression: I, ii, iii, IV, V, vi, and vii^o. The melody consists of eighth-note patterns, primarily eighth-note pairs and sixteenth-note figures.

*Chord Study 1**

The image displays a musical score consisting of two staves. The top staff begins with a treble clef, a key signature of one sharp (F#), and common time. It contains six measures, each starting with a grace note followed by a series of eighth notes. Measure 1 starts with a grace note A, followed by eighth notes B, C, D, E, F, G, A. Measures 2-6 follow a similar pattern with slight variations in the sequence of notes. The bottom staff begins with a treble clef, a key signature of one sharp (F#), and common time. It also contains six measures, each starting with a quarter note followed by a series of eighth notes. Measure 1 starts with a quarter note A, followed by eighth notes B, C, D, E, F, G, A. Measures 2-6 follow a similar pattern with slight variations in the sequence of notes.

Chord Study 2 - articulations: 1 | 2 | 3 | 4 |

The image shows a musical score consisting of two staves. The top staff is in treble clef, common time, and has a key signature of one sharp. It contains a continuous eighth-note pattern with sixteenth-note grace notes, each group marked with a '3'. The bottom staff is in bass clef, common time, and has a key signature of one sharp. It contains quarter notes with stems pointing down, numbered 1 through 5 below the staff.

Technical Exercises in the Key of D (Concert F)

Major Scale

Natural Minor

Harmonic Minor

Melodic Minor

Mini-Scale & Tonic Arpeggio

Scale Pattern 1 *articulations:

*Scale Pattern 2**
*Scale in Thirds**
Interval Study
Triads of the D Scale
*Chord Study 1**
Chord Study 2 - articulations:

Technical Exercises in the Key of A (Concert C)

Major Scale

Major Scale

Natural Minor

Harmonic Minor

Melodic Minor

Mini-Scale & Tonic Arpeggio

Scale Pattern 1 *articulations:

(high F# only)

Saxophones only-extended scale

*Scale Pattern 2**

(high F# only)

*Scale in Thirds**

(high F# only)

Interval Study
Triads of the A Scale
*Chord Study 1**

(high F# only)

Chord Study 2 - articulations:

Technical Exercises in the Key of E (Concert G)

Major Scale

Natural Minor

Harmonic Minor

Melodic Minor

Mini-Scale & Tonic Arpeggio

Scale Pattern 1 *articulations:

*Scale Pattern 2**

*Scale in Thirds**

Interval Study

Triads of the E Scale

*Chord Study 1**

Chord Study 2 - articulations: 1 2 3 4 5 6

Technical Exercises in the Key of B (Concert D)

Major Scale

Natural Minor

Harmonic Minor

Melodic Minor

Mini-Scale & Tonic Arpeggio

Scale in Thirds - articulations: []]

Technical Exercises in the Key of F# (Concert A)

Major Scale

Musical notation for the Major Scale in F#. The key signature has four sharps (F#, C#, G#, D#). The scale consists of eight notes: F#, G#, A#, C#, D#, E#, G#, and A#. The first measure starts with a half note F#, followed by a sixteenth-note pattern (G#, A#, C#, D#) and a half note E#. The second measure starts with a half note G#, followed by a sixteenth-note pattern (A#, C#, D#, E#) and a half note G#.

Natural Minor

Musical notation for the Natural Minor scale in F#. The key signature has one sharp (F#). The scale consists of eight notes: F#, G, A, B, C#, D, E, and G. The first measure starts with a half note F#, followed by a sixteenth-note pattern (G, A, B, C#) and a half note E. The second measure starts with a half note G, followed by a sixteenth-note pattern (A, B, C#, D) and a half note G.

Harmonic Minor

Musical notation for the Harmonic Minor scale in F#. The key signature has two sharps (F#, C#). The scale consists of eight notes: F#, G, A, B, C#, D#, E#, and G. The first measure starts with a half note F#, followed by a sixteenth-note pattern (G, A, B, C#) and a half note E#. The second measure starts with a half note G, followed by a sixteenth-note pattern (A, B, C#, D#) and a half note G.

Melodic Minor

Musical notation for the Melodic Minor scale in F#. The key signature has two sharps (F#, C#). The scale consists of eight notes: F#, G, A, B, C#, D#, E#, and G. The first measure starts with a half note F#, followed by a sixteenth-note pattern (G, A, B, C#) and a half note E#. The second measure starts with a half note G, followed by a sixteenth-note pattern (A, B, C#, D#) and a half note G.

Mini-Scale & Tonic Arpeggio

Musical notation for a Mini-Scale and Tonic Arpeggio in F#. The key signature has four sharps (F#, C#, G#, D#). The first measure shows a descending eighth-note scale from F# down to G. The second measure shows an ascending eighth-note scale from G up to F#. The third measure shows a descending eighth-note scale from F# down to E. The fourth measure shows an ascending eighth-note scale from E up to F#.

Scale in Thirds - articulations:

Musical notation for a Scale in Thirds exercise in F#. The key signature has four sharps (F#, C#, G#, D#). The scale is played in eighth-note triplets. The first measure starts with a quarter note F#, followed by a sixteenth-note pattern (G#, C#, E#, G#) and a quarter note E. The second measure starts with a quarter note G#, followed by a sixteenth-note pattern (A#, D#, F#, A#) and a quarter note A#.

Technical Exercises in the Key of D \flat (Concert E)

Major Scale

Natural Minor

Harmonic Minor

Melodic Minor

Mini-Scale & Tonic Arpeggio

Scale in Thirds - articulations: | ¹ ² ³ ⁴ ⁵ ⁶ ⁷ ⁸ |

Technical Exercises in the Key of Ab (Concert B)

Major Scale

Natural Minor

Harmonic Minor

Melodic Minor

Mini-Scale & Tonic Arpeggio

Scale in Thirds - articulations: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

Saxophones only-extended scale

Technical Exercises in the Key of E \flat (Concert G \flat)

Major Scale

Natural Minor

Harmonic Minor

Melodic Minor

Mini-Scale & Tonic Arpeggio

Scale Pattern 1 *articulations: 

*Scale Pattern 2**
*Scale in Thirds**
Interval Study
Triads of the E-flat Scale
*Chord Study 1**
Chord Study 2 - articulations:

Technical Exercises in the Key of B \flat (Concert D \flat)

Major Scale

Natural Minor

Harmonic Minor

Melodic Minor

Mini-Scale & Tonic Arpeggio

(also practice 8vb)

Scale Pattern 1 *articulations:



*Scale Pattern 2**
*Scale in Thirds**
Interval Study
Triads of the B-flat Scale
*Chord Study 1**
Chord Study 2 - articulations:

Technical Exercises in the Key of F (Concert A♭)

Major Scale

Natural Minor

Harmonic Minor

Melodic Minor

Mini-Scale & Tonic Arpeggio

Scale Pattern 1 *articulations:

Scale Pattern 2*

Sheet music for Scale Pattern 2*. The top staff is in G major (G-C-D-E-F-G-A) and the bottom staff is in A major (A-C#-D-E-F#-G-A).

Scale in Thirds*

Sheet music for Scale in Thirds*. The top staff is in G major (G-B-D-E-G-B-D-E) and the bottom staff is in A major (A-C#-E-G-A-C#-E-G).

Interval Study

Sheet music for Interval Study. The top staff shows eighth-note intervals and the bottom staff shows sixteenth-note intervals.

Triads of the F Scale

Sheet music for Triads of the F Scale. The top staff shows the triads I, ii, iii, IV, V, vi, and vii° in F major. The bottom staff shows a bass line.

Chord Study 1*

Sheet music for Chord Study 1*. The top staff shows a sixteenth-note pattern with articulations numbered 1 through 6. The bottom staff shows a bass line.

Chord Study 2 - articulations:

Sheet music for Chord Study 2 - articulations. The top staff shows a sixteenth-note pattern with articulations numbered 1 through 4. The bottom staff shows a bass line.

Technical Exercises in the Key of C (Concert Eb)

Major Scale

Sheet music for the Major Scale in Concert Eb (Key of C). The first two measures show a descending scale from C to A. The third measure shows an ascending scale from A back to C. Measures 4-8 show a continuous descending scale from C to A.

Natural Minor

Sheet music for the Natural Minor scale in Concert Eb (Key of C). The first two measures show a descending scale from C to A. The third measure shows an ascending scale from A back to C. Measures 4-8 show a continuous descending scale from C to A.

Harmonic Minor

Sheet music for the Harmonic Minor scale in Concert Eb (Key of C). The first two measures show a descending scale from C to A. The third measure shows an ascending scale from A back to C. Measures 4-8 show a continuous descending scale from C to A.

Melodic Minor

Sheet music for the Melodic Minor scale in Concert Eb (Key of C). The first two measures show a descending scale from C to A. The third measure shows an ascending scale from A back to C. Measures 4-8 show a continuous descending scale from C to A.

Mini-Scale & Tonic Arpeggio

Sheet music for a Mini-Scale and Tonic Arpeggio exercise in Concert Eb (Key of C). The top staff shows a descending scale from C to A. The bottom staff shows an ascending scale from A back to C. Measures 4-8 show a continuous descending scale from C to A.

Scale Pattern 1 *articulations: 

Sheet music for a technical exercise using the Scale Pattern 1 articulations. The top staff shows a descending scale from C to A. The bottom staff shows an ascending scale from A back to C. Measures 4-8 show a continuous descending scale from C to A.

*Scale Pattern 2**
*Scale in Thirds**
Interval Study
Triads of the C Scale
*Chord Study 1**
Chord Study 2 - articulations:

Chorales & Tuning Exercises in G (Concert B♭)

Interval Tuning

1 Intervals from tonic (major 3rd, perfect 4th, perfect 5th)

2 Intervals of a major 3rd on the I-IV-V-I chord progression

3 Intervals of a perfect 5th on the I-IV-V-I chord progression

Chord Tuning

Chorale 1 (full band)

Chorale 2 (full band)

Al Sx 1/2

mf

ritard

Chorale Melody on Chester

Subdivision

Chorale Melody *mf*

Bopped

1 2 3 4 (cadence)

5 6 7 8 (cadence)

Chester Chorale (full band)

Musical score for Al Sx 1/2, featuring four staves of music with measure numbers 1 through 16. The score includes dynamic markings *mf*, *mp*, and *f*.

Al Sx 1/2

mf

mp

f

Chorales & Tuning Exercises in D (Concert F)

Interval Tuning

1 Intervals from tonic (major 3rd, perfect 4th, perfect 5th)

A musical score for piano in G major (two sharps) and common time. The melody is played on the treble clef staff. Measure 1 starts with a half note followed by a eighth-note pair. Measure 2 starts with a quarter note followed by a eighth-note pair. Measure 3 starts with a half note followed by a eighth-note pair. Measure 4 starts with a quarter note followed by a eighth-note pair. Measure 5 starts with a half note followed by a eighth-note pair. Measure 6 starts with a quarter note followed by a eighth-note pair.

2 Intervals of a major 3rd on the I-IV-V-I chord progression

The musical score consists of two staves. The top staff is in treble clef and the bottom staff is in bass clef. Both staves are in common time (indicated by 'C'). The key signature is one sharp, indicating G major. The score is divided into measures by vertical bar lines. Measure 1 starts with a half note on the A line of the treble staff. Measures 2 and 3 show eighth-note patterns on the B line of the treble staff. Measure 4 begins with a half note on the C line of the treble staff, followed by eighth-note patterns on the D and E lines. Measures 5 and 6 continue the eighth-note patterns on the D and E lines. Measure 7 starts with a half note on the F line of the bass staff. Measure 8 concludes with a half note on the G line of the bass staff. Roman numerals I, IV, V, and I are placed below the staff to indicate harmonic progressions.

3 Intervals of a perfect 5th on the I-IV-V-I chord progression

A musical score for 'The Star-Spangled Banner' in G major (two sharps) and common time. The vocal line consists of eighth-note patterns. Measure 1 starts with a half note followed by an eighth note. Measures 2 and 3 show a descending eighth-note pattern. Measure 4 begins with a half note followed by an eighth note. Measures 5 and 6 show a descending eighth-note pattern. Measure 7 concludes with a half note. Below the staff, Roman numerals I, IV, V, and I are placed under the first, fourth, fifth, and last measures respectively.

Chord Tuning

Cues

Al Sx 1/2

I IV

V V7 I

Chorale 3 (full band)

A handwritten musical score for 'Al Sx 1/2' on two staves. The top staff starts with a treble clef, a key signature of one sharp, and a common time signature. Measure 1 consists of a dotted half note followed by eighth notes. Measure 2 has eighth notes. Measure 3 has eighth notes. Measure 4 features a sixteenth-note pattern. Measure 5 has eighth notes. The bottom staff begins with a treble clef, a key signature of one sharp, and a common time signature. Measure 6 has eighth notes. Measure 7 has eighth notes. Measure 8 has eighth notes. Measure 9 has eighth notes. Measure 10 has eighth notes. Measure 11 has eighth notes.

Chorale 4 (full band)

Al Sx 1/2 *mf*

Chorale Melody on Bach 95

Subdivision

Chorale Melody *mf*

Bopped

(cadence)

Bach 95 (full band)

Al Sx 1/2 *mf*

Chorales & Tuning Exercises in C (Concert E_b)

Interval Tuning

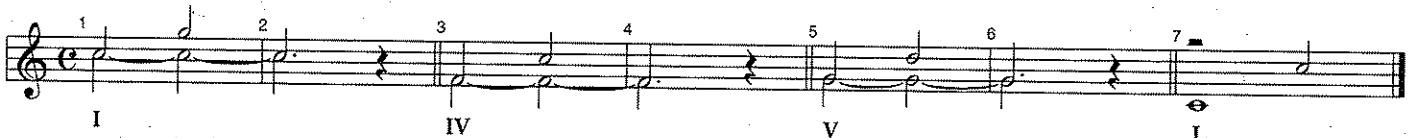
1 Intervals from tonic (major 3rd, perfect 4th, perfect 5th)



2 Intervals of a major 3rd on the I-IV-V-I chord progression



3 Intervals of a perfect 5th on the I-IV-V-I chord progression



Chord Tuning

This diagram illustrates tuning cues for the alto section (Al Sx 1/2) across different chords. It consists of two staves. The top staff, labeled 'Cues', shows tuning notes for chords I, IV, V, and I. The bottom staff shows the resulting tuned notes. Labels indicate specific notes: (root), (3rd), (5th), and (7th). The alto section (Al Sx 1/2) is indicated on both staves.

Chorale 5 (full band)

A musical score for Chorale 5 in 2/4 time. It features two staves. The top staff is for the alto section (Al Sx 1/2) and includes dynamics (mf) and a tempo marking (♩ = 120). The bottom staff is for the bass section. Both staves show eighth-note patterns across four measures.

Chorale 6 (full band)

Al Sx 1/2

1 2 3 4
5 6 7 8

mf

Chorale Melody on America

Subdivision

Chorale Melody

Bopped

1 2 3
4 5 6 (cadence)

mf

America (full band)

Al Sx 1/2

1 2 3 4 5
6 7 8 9 10
11 12 13 14

mf

Chorale & Tuning Exercises in A (Concert C)

Interval Tuning

1 Intervals from tonic (major 3rd, perfect 4th, perfect 5th)



Chord Tuning

Three staves of music for Al Sx 1/2 in G major (one sharp) and common time. The top staff is labeled "Cues" and shows a progression of chords. The middle staff is labeled "Al Sx 1/2" and shows the notes for chords I, IV, V, and V7 with specific interval labels: (root), (5th), (3rd), (7th), and (root). The bottom staff shows the notes for chords I, V, and V7 again, with labels (root), (5th), (3rd), (7th), and (root). Measure numbers 1 through 7 are indicated above the staves.

Air (full band)

Three staves of music for Al Sx 1/2 in G major (one sharp) and common time. The first staff starts with a dynamic "mf". The second staff begins with measure 5. The third staff begins with measure 9. Measures are numbered 1 through 12 above the staves. The music includes dynamic markings like "divisi" and "a2".

Chorale & Tuning Exercises in a minor (Concert c minor)

Interval Tuning

1 Intervals from tonic (minor 3rd, perfect 4th, perfect 5th)



Chord Tuning

Greensleeves (full band)

Chorale & Tuning Exercises in E (Concert G)

Interval Tuning

1 Intervals from tonic (major 3rd, perfect 4th, perfect 5th)



Chord Tuning

Cues

Al Sx 1/2

I IV

V V7 I

Pavane (full band)

Al Sx 1/2

mf

divisi

a2

10

a2

11

12

Chorale & Tuning Exercises in e minor (Concert g minor)

Interval Tuning

1 Intervals from tonic (minor 3rd, perfect 4th, perfect 5th)



Chord Tuning

The Queene's Alman (full band)

Chorale & Tuning Exercises in F (Concert Ab)

Interval Tuning

1 Intervals from tonic (major 3rd, perfect 4th, perfect 5th)



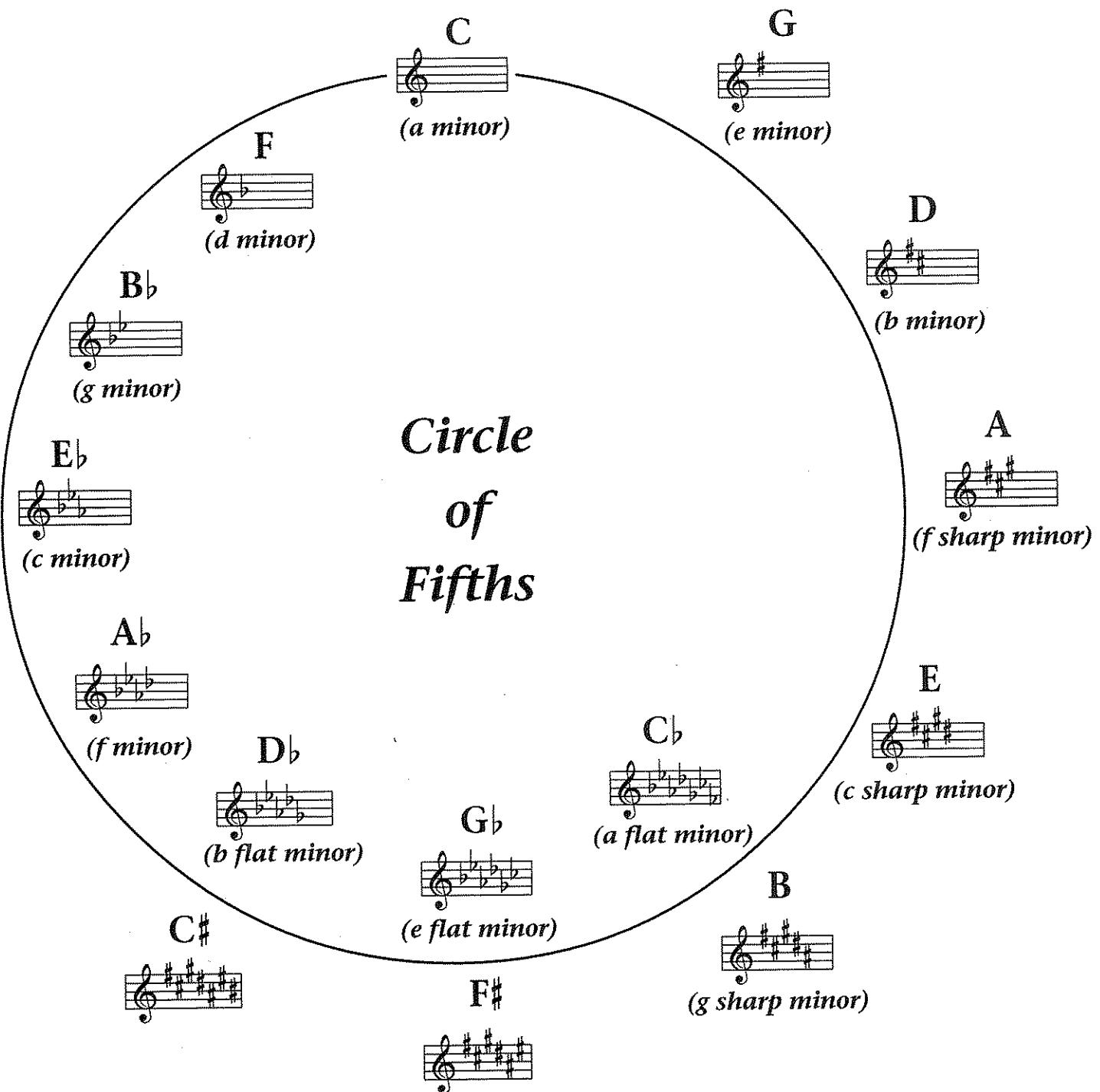
Chord Tuning

A musical score for alto saxophone (Al Sx 1/2) in G clef and common time. The score consists of two systems of music. The top system shows tuning exercises for chords I, IV, and V. The bottom system shows tuning exercises for chords V, V7, and I. The score includes labels for 'Cues' (top staff), '(root)' (bottom staff), '(5th)' (bottom staff), '(3rd)' (top staff), '(5th)' (bottom staff), '(3rd)' (bottom staff), '(root)' (bottom staff), '(5th)' (bottom staff), '(3rd)' (top staff), '(5th)' (bottom staff), '(3rd)' (bottom staff), '(root)' (bottom staff), '(5th)' (bottom staff), and '(7th)' (bottom staff).

All Through the Night (full band)

A musical score for alto saxophone (Al Sx 1/2) in G clef and common time. The score consists of five systems of music, numbered 1 through 16. The first system starts with dynamic 'mf'. The score includes various note heads and stems, indicating specific pitch and rhythm for each measure.

Appendix



One Octave Scales & Arpeggios

In All Twelve Major Key Signatures

B_b/G

A musical staff in G clef, common time. The scale starts on C and includes notes D, E, F, G, A, B, C. It features eighth-note patterns and sixteenth-note patterns.

F/D

A musical staff in G clef, common time. The scale starts on C and includes notes D, E, F, G, A, B, C. It features eighth-note patterns and sixteenth-note patterns.

C/A

A musical staff in G clef, common time. The scale starts on C and includes notes D, E, F, G, A, B, C. It features eighth-note patterns and sixteenth-note patterns.

G/E

A musical staff in G clef, common time. The scale starts on C and includes notes D, E, F, G, A, B, C. It features eighth-note patterns and sixteenth-note patterns.

D/B

A musical staff in G clef, common time. The scale starts on C and includes notes D, E, F, G, A, B, C. It features eighth-note patterns and sixteenth-note patterns.

A/F#

A musical staff in G clef, common time. The scale starts on C and includes notes D, E, F, G, A, B, C. It features eighth-note patterns and sixteenth-note patterns.

A/G_b

A musical staff in G clef, common time. The scale starts on C and includes notes D, E, F, G, A, B, C. It features eighth-note patterns and sixteenth-note patterns.

E/D_b

A musical staff in G clef, common time. The scale starts on C and includes notes D, E, F, G, A, B, C. It features eighth-note patterns and sixteenth-note patterns.

B/A_b

A musical staff in G clef, common time. The scale starts on C and includes notes D, E, F, G, A, B, C. It features eighth-note patterns and sixteenth-note patterns.

G_b/E_b

D_b/B_b

A_b/F

E_b/C

Chromatic Exercises

G Chromatic Scale (Concert B_b)

D Chromatic Scale (Concert F)

Full Range Scales**In All Twelve Major Key Signatures**

B_b/G

A musical staff in G major (one sharp) with a treble clef. It consists of eight measures of eighth-note scales starting on C, followed by a single open circle at the end.

F/D

A musical staff in D major (two sharps) with a treble clef. It consists of eight measures of eighth-note scales starting on C, followed by a single open circle at the end.

C/A

A musical staff in A major (three sharps) with a treble clef. It consists of eight measures of eighth-note scales starting on C, followed by a single open circle at the end.

G/E

A musical staff in E major (four sharps) with a treble clef. It consists of eight measures of eighth-note scales starting on C, followed by a single open circle at the end.

D/B

A musical staff in B major (five sharps) with a treble clef. It consists of eight measures of eighth-note scales starting on C, followed by a single open circle at the end.

A/F#

A musical staff in F-sharp major (six sharps) with a treble clef. It consists of eight measures of eighth-note scales starting on C, followed by a single open circle at the end.

For saxes with high F#/G_b keys.

A musical staff in F-sharp major (six sharps) with a treble clef. It consists of eight measures of eighth-note scales starting on C, followed by a single open circle at the end.

A/G_b

A musical staff in G-flat major (one flat) with a treble clef. It consists of eight measures of eighth-note scales starting on C, followed by a single open circle at the end.

For saxes with high F#/G_b keys.

A musical staff in F-sharp major (six sharps) with a treble clef. It consists of eight measures of eighth-note scales starting on C, followed by a single open circle at the end.

E/D_b

B/A_b

G_b/E_b

D_b/B_b

A_b/F

E_b/C

Full Range Chromatic - Saxophones Only

For saxes with high F♯/G♭ keys.

Chromatic Scales**D_b/B_b**

Musical score for D-flat/B-flat major showing two staves of chromatic scales. The top staff uses a bass clef and the bottom staff uses a treble clef. Measure numbers 1 through 5 are indicated above the notes.

D/B

Musical score for D major showing two staves of chromatic scales. The top staff uses a bass clef and the bottom staff uses a treble clef. Measure numbers 1 through 5 are indicated above the notes.

E_b/C

Musical score for E-flat/C major showing two staves of chromatic scales. The top staff uses a bass clef and the bottom staff uses a treble clef. Measure numbers 1 through 5 are indicated above the notes.

E/D_b

Musical score for E/D-flat major showing two staves of chromatic scales. The top staff uses a bass clef and the bottom staff uses a treble clef. Measure numbers 1 through 5 are indicated above the notes.

F/D

Musical score for F/D major showing two staves of chromatic scales. The top staff uses a bass clef and the bottom staff uses a treble clef. Measure numbers 1 through 5 are indicated above the notes.

G_b/E_b

Musical score for G-flat/E-flat major showing two staves of chromatic scales. The top staff uses a bass clef and the bottom staff uses a treble clef. Measure numbers 1 through 5 are indicated above the notes.

G/E

Musical score for G/E mode. The score consists of two staves of music in common time (C). The top staff uses a treble clef (G) and the bottom staff uses a bass clef (F). Both staves feature a continuous sequence of eighth-note patterns. Above each note in the top staff is a circled '3', indicating a three-note group. The notes are primarily quarter-tones apart, creating a melodic line. The bass staff follows a similar pattern but with more complex note heads and rests.

A♭/F

Musical score for A-flat/F mode. The score consists of two staves of music in common time (C). The top staff uses a treble clef (G) and the bottom staff uses a bass clef (F). Both staves feature a continuous sequence of eighth-note patterns. Above each note in the top staff is a circled '3', indicating a three-note group. The notes are primarily quarter-tones apart, creating a melodic line. The bass staff follows a similar pattern but with more complex note heads and rests.

A/F♯

Musical score for A/F-sharp mode. The score consists of two staves of music in common time (C). The top staff uses a treble clef (G) and the bottom staff uses a bass clef (F). Both staves feature a continuous sequence of eighth-note patterns. Above each note in the top staff is a circled '3', indicating a three-note group. The notes are primarily quarter-tones apart, creating a melodic line. The bass staff follows a similar pattern but with more complex note heads and rests.

B♭/G

Musical score for B-flat/G mode. The score consists of two staves of music in common time (C). The top staff uses a treble clef (G) and the bottom staff uses a bass clef (F). Both staves feature a continuous sequence of eighth-note patterns. Above each note in the top staff is a circled '3', indicating a three-note group. The notes are primarily quarter-tones apart, creating a melodic line. The bass staff follows a similar pattern but with more complex note heads and rests.

B/A♭

Musical score for B/A-flat mode. The score consists of two staves of music in common time (C). The top staff uses a treble clef (G) and the bottom staff uses a bass clef (F). Both staves feature a continuous sequence of eighth-note patterns. Above each note in the top staff is a circled '3', indicating a three-note group. The notes are primarily quarter-tones apart, creating a melodic line. The bass staff follows a similar pattern but with more complex note heads and rests.

C/A

Musical score for C/A mode. The score consists of two staves of music in common time (C). The top staff uses a treble clef (G) and the bottom staff uses a bass clef (F). Both staves feature a continuous sequence of eighth-note patterns. Above each note in the top staff is a circled '3', indicating a three-note group. The notes are primarily quarter-tones apart, creating a melodic line. The bass staff follows a similar pattern but with more complex note heads and rests.

For Saxophones Only

Musical score for Saxophones Only. The score consists of two staves of music in common time (C). The top staff uses a treble clef (G) and the bottom staff uses a bass clef (F). Both staves feature a continuous sequence of eighth-note patterns. Above each note in the top staff is a circled '3', indicating a three-note group. The notes are primarily quarter-tones apart, creating a melodic line. The bass staff follows a similar pattern but with more complex note heads and rests.

Continuation of the musical score for Saxophones Only. The score consists of two staves of music in common time (C). The top staff uses a treble clef (G) and the bottom staff uses a bass clef (F). Both staves feature a continuous sequence of eighth-note patterns. Above each note in the top staff is a circled '3', indicating a three-note group. The notes are primarily quarter-tones apart, creating a melodic line. The bass staff follows a similar pattern but with more complex note heads and rests.

Major Arpeggios & Inversions

B/G

F/D

C/A

G/E

D/B

A/F#

A/Gb

E/Db

B/Ab

Gb/Eb

Db/Bb

Ab/F

E/C