

# 3rd Trombone EFFECTIVE WARM UPS FOR DEVELOPING JAZZ ENSEMBLES

## I. CHORD STUDIES

By Mike Kamuf

Each should be played slow & legato at ♩ = 80-92

Chord Study 1A - Bb major

Musical notation for Chord Study 1A in Bb major, 4/4 time. The piece consists of four measures. The first measure has a whole note Bb. The second measure has a whole note D. The third measure has a half note F and a half note Ab. The fourth measure has a whole note Bb. A dynamic marking of *mf* is placed below the first measure. A fingering number '1' is written above the final Bb note.

Chord Study 1B - Bb major

Musical notation for Chord Study 1B in Bb major, 4/4 time. The piece consists of four measures. The first measure has a whole note Bb. The second measure has a half note D and a half note F. The third measure has a half note Ab and a half note Bb. The fourth measure has a whole note Bb. A dynamic marking of *mf* is placed below the first measure. A fingering number '1' is written above the final Bb note.

Chord Study 1C - Bb major

Musical notation for Chord Study 1C in Bb major, 4/4 time. The piece consists of four measures. The first measure has a whole note Bb. The second measure has a half note D and a half note F. The third measure has a half note Ab and a half note Bb. The fourth measure has a whole note Bb. A dynamic marking of *mf* is placed below the first measure. A fingering number '1' is written above the final Bb note.

Chord Study 2A - Eb major

Musical notation for Chord Study 2A in Eb major, 4/4 time. The piece consists of four measures. The first measure has a whole note Eb. The second measure has a whole note G. The third measure has a half note Bb and a half note D. The fourth measure has a whole note Eb. A dynamic marking of *mf* is placed below the first measure. A fingering number '1' is written above the final Eb note.

Chord Study 2B - Eb major

Musical notation for Chord Study 2B in Eb major, 4/4 time. The piece consists of four measures. The first measure has a whole note Eb. The second measure has a half note G and a half note Bb. The third measure has a half note D and a half note Eb. The fourth measure has a whole note Eb. A dynamic marking of *mf* is placed below the first measure. A fingering number '1' is written above the final Eb note.

Chord Study 2C - Eb major

Musical notation for Chord Study 2C in Eb major, 4/4 time. The piece consists of four measures. The first measure has a whole note Eb. The second measure has a half note G and a half note Bb. The third measure has a half note D and a half note Eb. The fourth measure has a whole note Eb. A dynamic marking of *mf* is placed below the first measure. A fingering number '1' is written above the final Eb note.

Chord Study 3A - F major

Musical notation for Chord Study 3A in F major, 4/4 time. The piece consists of four measures. The first measure has a whole note F. The second measure has a whole note A. The third measure has a half note C and a half note D. The fourth measure has a whole note F. A dynamic marking of *mf* is placed below the first measure. A fingering number '1' is written above the final F note.

Chord Study 3B- F major

Musical notation for Chord Study 3B- F major. The piece is in bass clef, 4/4 time, and F major. It consists of a single line of music with a melodic line of quarter notes: F2, G2, A2, B2, C3, D3, E3, and a final F3 with a fermata. A dynamic marking of *mf* is placed below the first note.

Chord Study 3C- F major

Musical notation for Chord Study 3C- F major. The piece is in bass clef, 4/4 time, and F major. It consists of a single line of music with a melodic line of quarter notes: F2, G2, A2, B2, C3, D3, E3, and a final F3 with a fermata. A dynamic marking of *mf* is placed below the first note.

## II. CHROMATIC SCALES

Each scale should be played legato & at a comfortable tempo

### Bb Chromatic Scale

Musical notation for the Bb Chromatic Scale. The piece is in bass clef, 4/4 time, and Bb major. It consists of two lines of music. The first line shows the ascending scale: Bb2, B2, B2, C3, C3, C3, D3, D3, D3, Eb3, Eb3, Eb3, E3, E3, E3, F3, F3, F3, G3, G3, G3, Ab3, Ab3, Ab3, A3, A3, A3, Bb3, Bb3, Bb3, B3, B3, B3, C4, C4. The second line shows the descending scale: C4, B3, B3, B3, Ab3, Ab3, Ab3, A3, A3, A3, G3, G3, G3, F3, F3, F3, Eb3, Eb3, Eb3, E3, E3, E3, D3, D3, D3, C3, C3, C3, Bb3, Bb3, Bb3, B2, B2, B2, Ab2, Ab2, Ab2, G2, G2, G2, F2, F2, F2, Eb2, Eb2, Eb2, D2, D2, D2, C2, C2. A dynamic marking of *mf* is placed below the first note of the first line.

### Eb Chromatic Scale

Musical notation for the Eb Chromatic Scale. The piece is in bass clef, 4/4 time, and Eb major. It consists of two lines of music. The first line shows the ascending scale: Eb2, Eb2, Eb2, F2, F2, F2, G2, G2, G2, Ab2, Ab2, Ab2, A2, A2, A2, Bb2, Bb2, Bb2, B2, B2, B2, C3, C3, C3, D3, D3, D3, Eb3, Eb3, Eb3, E3, E3, E3, F3, F3, F3, G3, G3, G3, Ab3, Ab3, Ab3, A3, A3, A3, Bb3, Bb3, Bb3, B3, B3, B3, C4, C4. The second line shows the descending scale: C4, B3, B3, B3, Ab3, Ab3, Ab3, A3, A3, A3, G3, G3, G3, F3, F3, F3, Eb3, Eb3, Eb3, E3, E3, E3, D3, D3, D3, C3, C3, C3, Bb3, Bb3, Bb3, B2, B2, B2, Ab2, Ab2, Ab2, G2, G2, G2, F2, F2, F2, Eb2, Eb2, Eb2, D2, D2, D2, C2, C2. A dynamic marking of *mf* is placed below the first note of the first line.

### F Chromatic Scale

Musical notation for the F Chromatic Scale. The piece is in bass clef, 4/4 time, and F major. It consists of two lines of music. The first line shows the ascending scale: F2, F2, F2, G2, G2, G2, Ab2, Ab2, Ab2, A2, A2, A2, Bb2, Bb2, Bb2, B2, B2, B2, C3, C3, C3, D3, D3, D3, Eb3, Eb3, Eb3, E3, E3, E3, F3, F3, F3, G3, G3, G3, Ab3, Ab3, Ab3, A3, A3, A3, Bb3, Bb3, Bb3, B3, B3, B3, C4, C4. The second line shows the descending scale: C4, B3, B3, B3, Ab3, Ab3, Ab3, A3, A3, A3, G3, G3, G3, F3, F3, F3, Eb3, Eb3, Eb3, E3, E3, E3, D3, D3, D3, C3, C3, C3, Bb3, Bb3, Bb3, B2, B2, B2, Ab2, Ab2, Ab2, G2, G2, G2, F2, F2, F2, Eb2, Eb2, Eb2, D2, D2, D2, C2, C2. A dynamic marking of *mf* is placed below the first note of the first line.

### III: CALL & RESPONSE

Saxophones, Trumpets, Trombones and Vibes:  
listen & play back the phrase from your director.

### IV: ARTICULATION EXERCISES

These are unison exercises that can be played with swing 8th notes or Even 8th notes.

Throughout these exercises, capped accents (ˆ) should be articulated using a "daht" syllable,

tenuto marks (-) should use a "du" syllable, and accents (ˆ-) should be played with a "dah" syllable.

The image displays 18 numbered musical exercises for the 3rd Trombone part. Each exercise is written on a single staff with a treble clef and a key signature of one sharp (F#). The exercises are as follows:

- #1) 4/4 time, 8th notes: Daht (capped), Do, Do, Do, Daht (capped), Dah (accented), Daht (capped), Daht (capped), Do, Do, Do, Daht (capped).
- #2) 4/4 time, 8th notes: Daht (capped), Do, Do, Do, Daht (capped), Do, Do, Do, Daht (capped), Do, Do, Do, Daht (capped).
- #3) 4/4 time, 8th notes: Daht (capped), Do, Do, Daht (capped), Dah (accented), Daht (capped), Daht (capped), Do, Do, Daht (capped), Do, Do, Do, Daht (capped).
- #4) 4/4 time, 8th notes: Daht (capped), Do, Do, Daht (capped), Do, Do, Do, Daht (capped), Do, Do, Do, Daht (capped).
- #5) 4/4 time, 8th notes: Daht (capped), Do, Do, Daht (capped), Do, Dah (accented), Do, Do, Daht (capped), Do, Do, Do, Daht (capped).
- #6) 4/4 time, 8th notes: Do, Do, Do, Do, Do, Daht (capped), Dah (accented), Daht (capped), Daht (capped), Do, Do, Do, Daht (capped).
- #7) 4/4 time, 8th notes: Do, Do, Daht (capped), Daht (capped), Do, Do, Do, Daht (capped), Do, Do, Do, Daht (capped).
- #8) 4/4 time, 8th notes: Do, Do, Daht (capped), Daht (capped), Do, Do, Do, Daht (capped), Do, Do, Do, Daht (capped).
- #9) 4/4 time, 8th notes: Do, Do, Daht (capped), Daht (capped), Dah (accented), Do, Do, Daht (capped), Do, Do, Do, Daht (capped).
- #10) 4/4 time, 8th notes: Do, Daht (capped), Do, Do, Daht (capped), Do, Do, Do, Daht (capped), Do, Do, Do, Daht (capped).
- #11) 4/4 time, 8th notes: Daht (capped), Daht (capped), Do, Do, Do, Daht (capped), Daht (capped), Do, Daht (capped), Daht (capped), Daht (capped), Dah (accented), Do, Do, Daht (capped).
- #12) 4/4 time, 8th notes: Daht (capped), Daht (capped), Daht (capped), Dah (accented), Do, Do, Daht (capped), Daht (capped), Daht (capped), Daht (capped), Do, Do, Daht (capped).
- #13) 4/4 time, 8th notes: Do, Do, Do, Do, Daht (capped), Daht (capped), Daht (capped), Do, Daht (capped), Do, Do, Do, Daht (capped), Dah (accented), Do, Daht (capped).
- #14) 4/4 time, 8th notes: Do, Do, Do, Do, Daht (capped), Dah (accented), Do, Daht (capped), Do, Do, Do, Daht (capped), Do, Do, Do, Daht (capped).
- #15) 4/4 time, 8th notes: Do, Do, Daht (capped), Daht (capped), Do, Daht (capped), Do, Do, Daht (capped), Daht (capped), Do, Dah (accented), Do, Daht (capped).
- #16) 4/4 time, 8th notes: Do, Do, Daht (capped), Daht (capped), Do, Dah (accented), Do, Daht (capped), Do, Do, Daht (capped), Daht (capped), Do, Daht (capped).
- #17) 4/4 time, 8th notes: Daht (capped), Do, Do, Do, Daht (capped), Daht (capped), Do, Daht (capped), Do, Do, Daht (capped), Do, Dah (accented), Daht (capped), Daht (capped).
- #18) 4/4 time, 8th notes: Do, Do, Do, Do, Daht (capped), Do, Dah (accented), Daht (capped), Daht (capped), Do, Do, Do, Daht (capped), Daht (capped), Dah (accented), Do, Daht (capped).