

Three Pieces for Trombone and Tuba

for Matthew Barbier

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I

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♩ = 72 – 84 *Slowly, songlike, quiet, free*

1 *All intonations from F harmonic series*

Trombone

Tuba

Tuba in F harmonic series tuning for entire piece

Tbn.

Tuba

opt. 8vb

opt. 8vb or 15mb

Tbn.

Tuba

opt. 8vb

F harmonic series:

1,0; 3(C)+2; 5(A)-14; 7(Eb)-31; 9(G)+4; 11(B)-49; 13(Db)+43;
15(E)-12; 17(F#)+5; 19(Ab)-2; 21(Bb)-29; 27(D)+6

11 *in general, any high note may be sung*

Tbn.

Tuba

14 *opt. sing second note*

Tbn.

Tuba

2 *All intonations from F harmonic series*

17

Tbn.

Tuba

20 *opt. 8va*

Tbn.

Tuba

opt. 8vb

23

Tbn.

Tuba

26

Tbn.

Tuba

29

Tbn.

Tuba

32

Tbn.

Tuba

opt. sing second note

*All intonations from A harmonic series
(A = F5)*

3

A13

3

4:3

A harmonic series:

1(A)-14; 3(E)-12; 5(Db)-28; 7(G)-45; 9(B)-10; 11(Eb)-63; 13(F)+29;

15(Ab)-26; 17(Bb)-9; 19(C)-16; 21(D)-43; 27(F#)-8

[A1 = F5(A); A3 = F15(E)]

35

Tbn.

Tuba

6

5

4

38

Tbn.

Tuba

5

3

7

8vb

41

Tbn.

Tuba

3

44

Tbn.

Tuba

5

4 *All intonations from C harmonic series*
(C = F3)

47 Tbn. *C³ C¹⁵*
C⁹ C⁷

50 Tbn. *3 3*

53 Tbn. *6:5* *3*

56 Tbn. *4:3*
freely

C harmonic series:

1(C)+2; 3(G)+4; 5(E)-12; 7(Bb)-29; 9(D)+6; 11(F#)-47; 13(Ab)+45;

15(B)-10; 17(Db)+7; 19(Eb)+0; 21(F)-27; 27(A)+8

[C5 = A3(E)]

59

Tbn.

Tuba

5 All intonations from F harmonic series
slower, 2x

62

Tbn.

Tuba

65

Tbn.

Tuba

68

Tbn.

Tuba

71

Tbn.

Tuba

F harmonic series:
[F3 = C1(C); F9 = C3(G); F15 = C5(E) (=A3); F21 = C7(Bb); F27 = C9(D)]

74

Tbn.

Tuba

77

Tbn.

Tuba

80

Tbn.

Tuba

II

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Ostinato (quickly)

equal temperament

Play the ostinato in unison, several times. Octaves and articulations may vary freely—treat it as a jazz head. Gradually substitute, not necessarily in linear order, your own events into the ostinato's span. Space these substitutions over some number of cycles of the ostinato, each instrument independent. The ostinato remains constant, even if, after a while, it is almost gone. Rejoin the ostinato freely between your own events, insert rests when going back and forth proves difficult.

Do this until the ostinato is more or less gone, and only your own events are heard. Finally, one instrument switches back to the complete ostinato, the other joins in later. When the ostinato has been played together some number of times, go to:

Fast (different tempo than ostinato)

repeat each measure a few times

trb.
tuba

end here, or continue to the transition to III

Optional transition to III

repeat each measure a few times

trb.
tuba

intonations: Bb harmonic series +5

mf

(get faster or slower to tempo for III)

III dancing the square

(for ben johnston on his 85th birthday)

Bb, head

Trombone

Tuba

opt. 8va

all long notes held ad lib, into the next rest

Tbn.

Tuba

4

any note opt. 8vb or 8va

Tbn.

Tuba

8

3

5

3

All intonations until changed are from Bb harmonic series:
 Bb1+0; Bb3(F)+2, Bb9(C)+4, Bb5(D)-14, Bb15(A)-12, Bb7(Ab)-31, Bb11(E)-49,
 Bb13(Gb)+43, Bb17(B)+5

D 17, 13
Bb -27 replaces Bb +0

12

Tbn. *opt. 8va*

Tuba

0 (Bb1)
-27 (D13)

0 (Bb1)
-27 (D13)

15

Tbn. *any note opt. 8vb or 8va*

Tuba

any note opt. 8vb or 8va

0 (Bb1)
-27 (D13)

0 (Bb1)
-27 (D13)

19

Tbn. *-27 (D13)*

Tuba

-27 (D13)

0 (Bb1)
-27 (D13)

(D17 not used)

D 11, 7
Ab -63 replaces Ab -31
C -45 replaces C +4

23

Tbn. *opt. 8va*

Tuba

-27 (D13)

-27 (D13)

-27 (D13)

26

Tbn. *any note opt. 8vb or 8va*

Tuba

-63 (D11)

-45 (D7)

-63 (D11)

30

Tbn. *3 5*

Tuba

-63 (D11)

-45 (D7)

(Bb17 (B) drops out)

D 5, 9, 3
 Gb -28 replaces Gb +41
 E -10 replaces E -49
 A = D3 = Bb15

34

Tbn. *-27 (D13)* *-27 (D13)* *-28 (D5)* *-45 (D7)* *opt. 8va* *-63 (D11)*

Tuba *-10 (D9)* *-28 (D5)*

37

Tbn. *-10 (D9)* *any note opt. 8vb or 8va*

Tuba *-63 (D11)* *-28 (D5)* *-45 (D7)*

41

Tbn. *3* *-10 (D9) 5* *5*

Tuba *-28 (D5)* *5* *5* *5* *5* *5*

D3 = Bb15

(D15 (C#) not used)

D 1, F 17
 Gb +7 replaces Gb -28
 D -12 + D1 = Bb5

45

Tbn. *-5* *-14 (D = Bb5 (=D1))* *-28 (D5)* *-45 (D7)* *opt. 8va*

Tuba *-27 (D13)* *-10 (D9)* *-14 (D = Bb5 (=D1))* *-27 (D13)* *-63 (D11)* *5*

48

Tbn. *any note opt. 8vb or 8va*

Tuba *-63 (D11)* *-45 (D7)* *-9 (D17)*

52

Tbn. *17 16*

Tuba *-28 (D5)* *+7 (F17)* *opt 8va any note* *17* *17*

sub p *mf*

(F13 not used)

6

F 11, 7

B -47 replaces Bb -27

Eb -29 replaces Eb -9

17 16

Tbn. 56

Tuba

-27 (D13)
-10 (D9)
-14 (D = Bb5 (=D1))
-27 (D13)

+7 (F17)
-45 (D7)
opt. 8va - +7 (F17)
-63 (D11)
5

Tbn. 59

Tuba

any note opt. 8vb or 8va

17 17

+7 (F17)
-9 (D17)

sub *p* *mf*

Tbn. 63

Tuba

3 5

-47 (F11)
-45 (D7)
-29 (F7)

11 7

sub *p* *mf* sub *p* *mf*

F 15, 5
E +14 replaces E -10
A -12 = F5 = D3 = Bb15

67

Tbn. *opt. 8va*

Tuba

-47 (F11)
-10 (D9)
-14 (D = Bb5 (=D1))

+7 (F17)
-45 (D7)
F5 = D3 = Bb15

sub *p* *mf*

70

Tbn. *opt. 8vb or 8va*

Tuba

-29 (F7)

+7 (F17)
17

17

F5 = D3 = Bb15

sub *p* *mf* sub *p* *mf*

74

Tbn.

Tuba

-10 (F15)

15

15

mf *f*

(D11 (Ab) drops out)

8

F 3, 1

C +4 replaces C -45

5
♩. = ♩.

78

Tbn. *opt. 8va*

Tuba

-47 (F11)
-10 (D9)

+7 (F17)

-45 (D7)

F5 = D3 = Bb15

3 3

+4 (F3)

sub *p* *mf*

11 11

sub *p* *mf*

81

Tbn. *opt. 8vb or 8va*

Tuba

-10 (F15)

-29 (F7)

+7 (F17)

F5 = D3 = Bb15

7 17 17

5

sub *p* *mf*

sub *p* *mf*

sub *p* *mf*

85

Tbn.

Tuba

-10 (F15)

+4 (F3)

3 5

15 15

mf *f*

3

♩. = ♩.

(D1 (D) drops out; F stays out until Bb3)

Bb 17, 13

B +5 replaces B -47

Gb +43 replaces Gb +7

89

Tbn.

+5 (Bb17)
-10 (F15)

+43 (Bb13)

+4 (F3)

opt. 8va

+43 (Bb13)

F5 = D3 = Bb15

5

Tuba

+43 (Bb13)

In tuba part, play small notes for the approximate duration in the approximate place in the measure.

92

Tbn.

-10 (F15)

opt. 8vb or 8va - - -

+5 (Bb17)

Tuba

+43 (Bb13)

96

Tbn.

+43 (Bb13)

3

5

+5 (Bb17)

Tuba

+43 (Bb13)

+5 (Bb17)

Bb 11, 7, 15
 E -49 replaces E -10
 Ab -31 enters
 A = Bb15 = F5 = D3

100

Tbn. +43 (Bb13) +4 (F3) -31 (Bb7) opt. 8va

Tuba +5 (Bb17) -49 (Bb11) -49 (Bb11) -31 (Bb7) F5 = D3 = Bb15 F5 = D3 = Bb15 F5 = D3 = Bb15

103

Tbn. -10 (F15) -31 (Bb7) opt. 8vb or 8va

Tuba -49 (Bb11) -31 (Bb7) +43 (Bb13)

107

Tbn. 3 5

Tuba +43 (Bb13)

Bb 5, 9, 3

D -14 replaces Db +45

C = Bb9 = F3

F = Bb3 = F1

111

Tbn. *-14 (D = Bb5 (=D1))* *+43 (Bb13)* *+4 (Bb9)* *opt. 8va* *-31 (Bb7)* *+4 (Bb9)*

Tuba *+5 (Bb17)* *-49 (Bb11)* *F = Bb3 = F1* *A = F5 = D3 = Bb15* *-31 (Bb7)* *+4 (Bb9)*

114

Tbn. *opt. 8vb or 8va*

Tuba *-49 (Bb11)*

118

Tbn. *+4 (Bb9)* *3* *5* *3*

Tuba *3* *+4 (Bb9)* *5*

Bb 1

122 *opt. 8va*

Tbn.

Tuba

*This last page may be played twice. Tuba may vary octaves freely in either direction.
Intonations from previous page (entirely Bb harmonic series, as in the beginning).*

125 *opt. 8vb or 8va*

Tbn.

Tuba

129

Tbn.

Tuba