



Commissioned by the GMEA (Georgia) District X Commission Project and the District Band Directors

# Complex-2030

RALPH FORD (ASCAP)

## INSTRUMENTATION

- |                                 |   |
|---------------------------------|---|
| 1 Conductor                     | 2 1st Trombone  |
| 1 Piccolo                       | 2 2nd Trombone  |
| 3 1st Flute                     | 2 3rd Trombone  |
| 3 2nd Flute                     | 2 Euphonium   |
| 2 Oboe                          | 1 Baritone Treble Clef  |
| 2 Bassoon                       | 4 Tuba  |
| 3 1st B $\flat$ Clarinet        | 1 Optional String Bass  |
| 3 2nd B $\flat$ Clarinet        | 1 Optional Piano  |
| 3 3rd B $\flat$ Clarinet        | 2 Mallet Percussion 1<br>(Bells, Vibraphone)                                    |
| 2 B $\flat$ Bass Clarinet       | 2 Mallet Percussion 2<br>(Xylophone/Chimes)                                     |
| 1 E $\flat$ Contrabass Clarinet | 1 Timpani   |
| 2 1st E $\flat$ Alto Saxophone  | 4 Percussion 1<br>(Snare Drum/Hi-Hat Cymbals/<br>Wind Chimes, Bass Drum)        |
| 2 2nd E $\flat$ Alto Saxophone  | 4 Percussion 2<br>(Triangle/Suspended Cymbal,<br>Crash Cymbals/Congas/Triangle) |
| 1 B $\flat$ Tenor Saxophone     | 2 Percussion 3<br>(Suspended Cymbal, Concert Toms [4])                          |
| 1 E $\flat$ Baritone Saxophone  |   |
| 3 1st B $\flat$ Trumpet         |   |
| 3 2nd B $\flat$ Trumpet         |   |
| 3 3rd B $\flat$ Trumpet         |   |
| 1 1st F Horn                    |   |
| 1 2nd F Horn                    |   |
| 1 3rd F Horn                    |   |
| 1 4th F Horn                    |   |

## SUPPLEMENTAL AND WORLD PARTS

Available for download from  
[www.alfred.com/worldparts](http://www.alfred.com/worldparts)

- E $\flat$  Alto Clarinet
- 1st Horn in E $\flat$
- 2nd Horn in E $\flat$
- 3rd Horn in E $\flat$
- 4th Horn in E $\flat$
- 1st Trombone in B $\flat$  Bass Clef
- 2nd Trombone in B $\flat$  Bass Clef
- 3rd Trombone in B $\flat$  Bass Clef
- 1st Trombone in B $\flat$  Treble Clef
- 2nd Trombone in B $\flat$  Treble Clef
- 3rd Trombone in B $\flat$  Treble Clef
- Baritone in B $\flat$  Bass Clef
- Tuba in E $\flat$  Bass Clef
- Tuba in E $\flat$  Treble Clef
- Tuba in B $\flat$  Bass Clef
- Tuba in B $\flat$  Treble Clef

## PROGRAM NOTES

*Complex-2030* was the title given to plan created in 2000 by the National Nuclear Security Administration (NNSA) to modernize nuclear weaponry. Due to a number of financial and political reasons, the program would upgrade facilities; dismantle and reduce the number of ageing nuclear weapons, and other 'more effective' nuclear deterrents. This piece is not intended as a social or political statement, but rather, simply as my mental 'soundtrack' that developed while reading a book that made reference to this little known program. It may even strike you as 'campy' at times—so have fun and play everything 'over the top.' The capitalized "X" in the title is a small gesture of thanks to the Georgia Music Educators Association District X Band Directors for their commissioning of this work. The premiere of this piece was performed by the District X Honor Band on February 18, 2012, conducted by the composer.

## NOTES TO THE CONDUCTOR

Check and balance all the pitches in the opening harmony—perform with great heaviness. With the horns (and later woodwinds) stating the main thematic material, the piece should sound as ominous as possible—changing to light and mysterious during the transition from measures 17 through 21. The secondary theme is stated by unison trumpets at this point in the piece and will require a stronger counter-response from the horns.

The upper woodwinds are instructed to perform a pitch set randomly and as fast as possible at measure 25. This occurs again later at the end of the piece. While the style indication is *Lurking*, at measure 28, be sure that you “lurk with a groove.” The main theme is heard again during this section in quartel harmony, legato style—make it as expressive (i.e. seductive) as possible. Crisp and light articulations are needed at measure 52; careful balance and blend between winds and percussion. Saxes should tear it off measure 68; a strong jazz style by everyone is encouraged here. Beginning at measure 85 to measure 93 should be as rubato and peaceful as possible...take your time here. From measure 93 until the end of the piece, it is one looming, menacing march to the end. Duck and cover!!!

Have fun making music!



FULL SCORE  
Approx. Duration - 5:30

# Complex-2030

By Ralph Ford (ASCAP)

Grave, pesante ♩ = 60

The musical score is arranged in a standard orchestral format with multiple staves for each instrument family. The key signature is B-flat major (two flats) and the time signature is 2/4. The tempo is marked 'Grave, pesante' with a quarter note equal to 60 beats per minute. The score is divided into six measures, with measure numbers 1 through 6 indicated at the bottom. Dynamics include *ff* (fortissimo), *mf* (mezzo-forte), and *ff* (fortissimo) again. Performance instructions include 'div.' (divisi) and 'div. (bottom if one player)'. A large red watermark 'Preview Only' is overlaid diagonally across the score.



Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Saxes. 1 2

T. Sax.

Bar. Sax.

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

17 accel.

poco a poco

Picc.

Fls. 1/2

Ob.

Bsn.

Cl. 1/2/3

B. Cl.

Cb. Cl.

A. Sax. 1/2

T. Sax.

Bar. Sax.

17 accel.

poco a poco

Tpts. 1/2/3

Hns. 1/2/3/4

Tbns. 1/2/3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Vibraphone (soft mallets, motor on)

Bells

Toms

Preview Only  
Legal Use Requires Purchase

accel. [21] With intensity ♩ = 84

Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Saxes. 1 2

T. Sax.

Bar. Sax.

accel. [21] With intensity ♩ = 84

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Preview Only  
Legal Use Requires Purchase

Picc. Fls. 1 2 Ob. Bsn. Cls. 1 2 3 B. Cl. Cb. Cl. A. Saxes. 1 2 T. Sax. Bar. Sax. Tpts. 1 2 3 Hns. 1 2 3 4 Tbps. Euph. Tuba Str. Bass Pno. Mit. Perc. 1 Mit. Perc. 2 Timp. Perc. 1 Perc. 2 Perc. 3

The musical score for page 8 is arranged in a standard orchestral format. It includes parts for Piccolo, Flutes (1 and 2), Oboe, Bassoon, Clarinets (1, 2, and 3), Bass Clarinet, Contrabass Clarinet, Alto Saxophones (1 and 2), Tenor Saxophone, Baritone Saxophone, Trumpets (1, 2, and 3), Horns (1, 2, 3, and 4), Trombones (1, 2, and 3), Euphonium, Tuba, String Bass, Piano, and three sets of Mallet Percussion (1, 2, and 3). The score features complex rhythmic patterns, including sixteenth and thirty-second notes, and dynamic markings such as *f* (forte). A large red watermark is overlaid diagonally across the page, reading "Preview Only" and "Legal Use Requires Purchase".





A tempo

28 Lurking ♩ = 96

Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Saxes. 1 2

T. Sax.

Bar. Sax.

(B. Cl.)

*sfz*

*p*

A tempo

28 Lurking ♩ = 96

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Vibes *mf*

Wind Chs. *mf*

Congas *mp*

Susp. Cym. *mp*

Change: A to C

*sfz*

*p*

*mf*

*mp*

*p*

*mp*

Use var. sized cymbals if poss. - ad lib.





Picc.

Fls. 1/2

Ob.

Bsn.

Cls. 1/2/3

B. Cl.

Cb. Cl.

A. Saxes. 1/2

T. Sax.

Bar. Sax.

Tpts. 1/2/3

Hns. 1/2/3/4

Tbns. 1/2/3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

39554S

42

Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Saxes. 1 2

T. Sax.

Bar. Sax.

42

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3



52 Kinetic ♩ = 144

Picc.

Fls. 1/2 *fp*

Ob.

Bsn. *f* *mp*

Cls. 1 *mp*  
2/3 *mp*

B. Cl. *f*

Cb. Cl. *f* (*Bsn.*)

A. Saxes. 1/2

T. Sax.

Bar. Sax. *p*

52 Kinetic ♩ = 144

Tpts. 1/2/3

Hns. 1/2/3/4

Tbns. 1/2/3

Euph. (*Bsn.*)

Tuba

Str. Bass

Pno.

Vibes (soft mallets, *marcato*)

Mlt. Perc. 1 *sc*

Mlt. Perc. 2 *sc*

Xylophone *mp*

Timp.

Perc. 1 H.H.

Suspended Cymbal

Perc. 2 *mf*

Perc. 3 *mf*

Toms *>* *3* *>* *3* *>* *3*



Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Saxes. 1 2

T. Sax.

Bar. Sax.

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

39554S

57 58 59 60 61

*fp*

Play *mp*

*p* (B.Cl./Bsn.)

Susp. Cym. (w/metal scraper) *mf*

Trgl.





Picc.

Fls. 1  
2

Ob.

Bsn.

Cls. 1  
2  
3

B. Cl.

Cb. Cl.

A. Saxes. 1  
2

T. Sax.

Bar. Sax.

Tpts. 1  
2  
3

Hns. 1  
2  
3  
4

Tbns. 1  
2  
3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1  
Bells

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

39554S





81 Broadly ♩ = 92

rall.

molto rit.

85 Rubato ♩ = 60

Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Saxes. 1 2

T. Sax.

Bar. Sax.

*ff* *mf* *pp*

81 Broadly ♩ = 92

rall.

molto rit.

85 Rubato ♩ = 60

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

*ff* *mf* *pp*

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Cr. Cyms.

Perc. 3

Vibes

*ff* *mf* *p* *pp*











Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Saxes. 1 2

T. Sax.

Bar. Sax.

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Saxes. 1 2

T. Sax.

Bar. Sax.

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

*f* *ff*

*div.*

*p* *ff*



110 Con forza ♩ = 116

Picc.

Fls. 1  
2

Ob.

Bsn.

Cl. 1  
2  
3

B. Cl.

Cb. Cl.

A. Sax. 1  
2

T. Sax.

Bar. Sax.

110 Con forza ♩ = 116

Tpts. 1  
2  
3

Hns. 1  
2  
3  
4

Tbns. 1  
2  
3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Picc.

Fls. 1  
2

Ob.

Bsn.

Cls. 1  
2  
3

B. Cl.

Cb. Cl.

A. Saxes. 1  
2

T. Sax.

Bar. Sax.

Tpts. 1  
2  
3

Hns. 1  
2  
3  
4

Tbns. 1  
2  
3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

*fp*

*mf*

*f*

*ff*

*sfz*

Chimes

Picc. *f* *ff* *fff* (no rit.)

Fls. 1 *f* *ff* *fff*

2 *f* *ff* *fff*

Ob. *f* *ff* *fff*

Bsn. *f* *ff* *fff*

Cls. 1 *f* *ff* *fff*

2 *f* *ff* *fff*

3 *f* *ff* *fff*

B. Cl. *f* *ff* *fff*

Cb. Cl. *f* *ff* *fff*

A. Saxes. 1 *f* *ff* *fff*

2 *f* *ff* *fff*

T. Sax. *f* *ff* *fff*

Bar. Sax. *f* *ff* *fff*

Tpts. 1 *f* *ff* *fff* (no rit.)

2 *f* *ff* *fff*

3 *f* *ff* *fff*

Hns. 1 *f* *ff* *fff*

2 *f* *ff* *fff*

3 *f* *ff* *fff*

4 *f* *ff* *fff*

Tbns. 1 *f* *ff* *fff*

2 *f* *ff* *fff*

3 *f* *ff* *fff*

Euph. *f* *ff* *fff*

Tuba *f* *ff* *fff*

Str. Bass *f* *ff* *fff*

Pno. *f* *ff* *fff*

Mlt. Perc. 1 *ffz* *ff* *mf*

Mlt. Perc. 2 *ffz* *ff* *mf*

Timp. *ffz* *ff* *mf*

Perc. 1 *ffz* *ff* *mf*

Perc. 2 *ffz* *ff* *mf*

Perc. 3 *ffz* *ff* *mf*



123 Bombastic ♩ = 72 molto rall. to end

molto rit. Conducted

Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Sax. 1 2

T. Sax.

Bar. Sax.

123 Bombastic ♩ = 72 molto rall. to end

molto rit. Conducted

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 3