



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 |
| 2 B $\flat$ Bass Clarinet | (Bells, Vibraphone) |
| 1 E $\flat$ Contrabass Clarinet | 2 Mallet Percussion 2 |
| 2 1st E $\flat$ Alto Saxophone | (Xylophone/Chimes) |
| 2 2nd E $\flat$ Alto Saxophone | 1 Timpani |
| 1 B $\flat$ Tenor Saxophone | 4 Percussion 1 |
| 1 E $\flat$ Baritone Saxophone | (Snare Drum/Hi-Hat Cymbals/
Wind Chimes, Bass Drum) |
| 3 1st B $\flat$ Trumpet | 4 Percussion 2 |
| 3 2nd B $\flat$ Trumpet | (Triangle/Suspended Cymbal,
Crash Cymbals/Congas/Triangle) |
| 3 3rd B $\flat$ Trumpet | 2 Percussion 3 |
| 1 1st F Horn | (Suspended Cymbal, Concert Toms [4]) |
| 1 2nd F Horn | |
| 1 3rd F Horn | |
| 1 4th F Horn | |

SUPPLEMENTAL AND WORLD PARTS

Available for download from
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 quartet 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

Piccolo

Flutes 1 2

Oboe

Bassoon *div.* *ff* *mf* *ff*

B♭ Clarinets 1 2 3 *div. (bottom if one player)* *ff* *mf* *ff*

B♭ Bass Clarinet *ff* *mf* *ff*

E♭ Contrabass Clarinet *ff* *mf* *ff*

E♭ Alto Saxophones 1 2 *ff* *mf* *ff*

B♭ Tenor Saxophone *ff* *mf* *ff*

E♭ Baritone Saxophone *ff* *mf* *ff*

B♭ Trumpets 1 2 3

F Horns 1 2 3 4

Trombones 1 2 3 *ff* *mf* *ff*

Euphonium *ff* *mf* *ff*

Tuba *div.* *ff* *mf* *ff*

String Bass *ff* *mf* *ff*

Piano *ff*

Mallet Percussion 1 (Bells, Vibraphone)

Mallet Percussion 2 (Xylophone/Chimes)

Timpani *ff* *mf* *ff*

Percussion 1 (Snare Drum/Hi-Hat Cymbals/Wind Chimes, Bass Drum)

Percussion 2 (Triangle/Suspended Cymbal, Crash Cymbals, Congas/Triangle)

Percussion 3 (Suspended Cymbal, Concert Toms [4])

1

2

3

4

5

6

39554S

Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Ch. 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

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

39554S

20

21

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

molto rit.

9

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

Snare Drum

Bass Drum

Triangle

Crash Cymbals

39554S

*Randomly from pitches and as fast as possible.

24

25

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.

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

Wind Chs.

Congas

Susp. Cym.

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

39554S

26 27 28 29 30 31

sfz *p* *mf* *mp* *p* *mp*

(B.Cl.) *p* *pizz.* *p* *8vb*

Change: A to C

8vb

34

Picc.

Fls. 1 2

Ob. One only

Bsn. *p* *mp*

Cls. 1 2 3

B. Cl. *p* *mp*

Cb. Cl. *p* *mp*

A. Saxes. 1 2

T. Sax. *p* *mp*

Bar. Sax. *p* *mp*

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph.

Tuba

Str. Bass

Pno. (8th)

Mlt. Perc. 1 *p*

Mlt. Perc. 2

Timp. Tune: G, Bb, Eb *pp* *p*

Perc. 1

Perc. 2

Perc. 3

39554S

32 33 34 35 36

39554S

Pic.

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

mp

37 38 39 40 41

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

39554S

mf *mp* *f*

42 43 44 45 46

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

52 Kinetic ♩ = 144

Picc.

Fls. 1 2 *fp* *fp*

Ob.

Bsn. *f* *mp*

Cls. 1 2 3 *mp* *al2* *mp*

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

Cb. Cl. *f*

A. Saxes. 1 2 *p*

T. Sax.

Bar. Sax.

52 Kinetic ♩ = 144

Tpts. 1 2 3

Hns. 1 2 3 4

Tbns. 1 2 3

Euph. (Bsn.)

Tuba

Str. Bass *f*

Pno.

Vibes (soft mallets, motor on)

Mlt. Perc. 1 *sc*

Mlt. Perc. 2 *sc* *sim.*

Timp. *mp*

Perc. 1 H.H.

Perc. 2 Suspended Cymbal *mf*

Perc. 3 Toms *>* *3* *>* *3* *>* *3*

39554S

52 53 54 55 56

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

mp

p

mf

Play

(B. Cl./Bsn.)

Susp. Cym. (w/metal scraper)

Trgl.

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

39554S

62 63 64 65 66

39554S

Picc.

Fls. 1
2

Ob.

Bsn.

Cls. 1
2
3

B. Cl.

Ch. 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

71

72

mf

73

74

75

(no rit.)

Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Cb. Cl.

A. Saxes. 1 2

T. Sax.

Bar. Sax.

(no rit.)

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

76 77 78 79 80

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.

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

Pno.

Mlt. Perc. 1

Mlt. Perc. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Cr. Cyms.

Vibes

39554S

81 82 83 84 85 86

molto rit. accel.

Picc.

Fls. 1 2

Ob.

Bsn.

Cls. 1 2 3

B. Cl.

Ch. Cl.

A. Sax. 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

87 88 89 90 91 92

93 Menacing ♩ = 104

39554S

93 **Menacing** ♩ = 104

94

95

96

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

97

98

99

p

100

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

p

poco accel.

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

Musical score for page 27, measures 106 to 109. The score 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 various Percussion instruments (Mallet Percussion 1 and 2, Timpani, Percussion 1, 2, and 3). The tempo marking "poco accel." appears above measures 106 and 107. Dynamics include *ff* (fortissimo), *mf* (mezzo-forte), and *mp* (mezzo-piano). The score features complex rhythmic patterns, including triplets and sixteenth notes, and a large red watermark "Legal Use Required" is overlaid diagonally across the page.

106 107 108 109

110 Con forza ♩ = 116

Picc.

Fls. 1/2

Ob.

Bsn.

Cls. 1/2/3

B. Cl.

Cb. Cl.

A. Saxes. 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

39554S

Picc.
 Fls. 1 2
 Ob.
 Bsn.
 Cls. 1 2 3
 B. Cl.
 Cb. Cl.
 A. Saxs. 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

Musical score for a large ensemble, featuring woodwinds, brass, strings, and percussion. The score is divided into measures, with dynamic markings such as *fp* (fortissimo piano), *mf* (mezzo-forte), and *ff* (fortissimo) indicating volume. The percussion section includes Mlt. Perc. 1, Mlt. Perc. 2, Timp., Perc. 1, Perc. 2, and Perc. 3. The woodwind section includes Picc., Fls., Ob., Bsn., Cls., B. Cl., Cb. Cl., A. Saxs., T. Sax., and Bar. Sax. The brass section includes Tpts., Hns., Tbns., Euph., and Tuba. The string section includes Str. Bass and Pno. The percussion section includes Mlt. Perc. 1, Mlt. Perc. 2, Timp., Perc. 1, Perc. 2, and Perc. 3.

39554S

30

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

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*

Ch. 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* (no rit.) *fff*

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 *f* *ff* *fff*

Mlt. Perc. 2 *f* *ff* *fff*

Timp. *f* *ff* *fff*

Perc. 1 *f* *ff* *fff*

Perc. 2 *f* *ff* *fff*

Perc. 3 *f* *ff* *fff*

39554S

219 220 221 222 *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.
 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

123 Bombastic ♩ = 72 molto rall. to end
 molto rit. Conducted

39554S *Randomly from pitches and as fast as possible.
 123 124 125 126 127 128 129 130

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