

Greg Danner

Critical Speed

INSTRUMENTATION

- | | |
|---------------------------|---|
| 1 – Conductor | 2 – Trombone 3 |
| 1 – Piccolo | 1 – Euphonium TC 1 & 2 |
| 3 – Flute 1 | 2 – Euphonium BC 1 & 2 |
| 3 – Flute 2 | 4 – Tuba |
| 2 – Oboe 1 & 2 | 2 – String Bass/Electric
Bass |
| 3 – B♭ Clarinet 1 | 1 – Timpani |
| 3 – B♭ Clarinet 2 | 2 – Percussion 1
<i>(Triangle, Xylophone)</i> |
| 3 – B♭ Clarinet 3 | 3 – Percussion 2
<i>(Susp. Cymbal,
Tambourine, Chimes)</i> |
| 2 – B♭ Bass Clarinet | 3 – Percussion 3
<i>(Snare Drum, Bass
Drum, Claves)</i> |
| 2 – Bassoon 1 & 2 | 4 – Percussion 4
<i>(Tamtam, Timbales,
Crash Cymbal, Cowbell,
Maracas)</i> |
| 2 – E♭ Alto Saxophone 1 | 1 – Percussion 5
<i>(Drum Set)</i> |
| 2 – E♭ Alto Saxophone 2 | |
| 2 – B♭ Tenor Saxophone | |
| 1 – E♭ Baritone Saxophone | |
| 2 – B♭ Trumpet 1 | |
| 2 – B♭ Trumpet 2 | |
| 2 – B♭ Trumpet 3 | |
| 2 – Horn 1 & 2 | |
| 2 – Horn 3 & 4 | |
| 2 – Trombone 1 | |
| 2 – Trombone 2 | |

Critical Speed

The rate of speed an object needs to reach in order to escape the earth's gravity—about seven miles per second—is called “critical speed.” It requires a constant force and an enormous amount of energy to reach this threshold.

Imagine the intensity of accelerating to this incredible speed and then the exhilaration of weightlessness as the craft reaches earth orbit. Now the wonders of space are within reach.

Revealing this image in musical terms, *Critical Speed* has a constant, underlying rhythmic momentum, which builds in several phases, growing to a peak of intensity. The music from this point forward is sheer fun—playful and exciting. *Critical Speed* is dedicated to the composer's son, Matthew, whose fascination with space and rocketry suggested the composition.

About the Composer

Greg Danner is Professor of Music at Tennessee Technological University. He received the B.A. degree from Southeast Missouri State University, the M.M. from the Eastman School of Music, and the Ph.D. from Washington University.

His awards include the College Band Directors National Association Music for Young Band prize, grand prize in the Delius Society composition contest, first prize in the Taghkanic Chorale composers competition, and the Louisiana Music Teachers Association Composer Commission Award.

Dr. Danner has received annual ASCAP awards for composition since 1989. He has participated as a resident composer at the Charles Ives Center for American Music and has been an associate in the Kennedy Center for the Performing Arts “Performing Arts Centers and Schools” program.

Critical Speed

Greg Danner
A.S.C.A.P.

Piccolo

Flute

Oboe

B♭ Clarinet

B♯ Bass Clarinet

Bassoon

E♭ Alto Saxophone

B♯ Tenor Saxophone

E♭ Baritone Saxophone

B♭ Trumpet

F Horn

Trombone

Euphonium

Tuba

**String Bass/
Electric Bass**

Timpani

**Triangle
xylophone**

**Suspended cymbal,
tamboresne, chimes**

**Snare drum,
claves, bass drum**

**Tam-tam, timbales,
crash cymbals,
maracas, cowbell**

Drum set

for Matthew

A.S.C.A.P.

legato

pp legato

pp legato

pp legato

pp

legato

pp legato

pp

st mute legato

pp st mute legato

pp st mute legato

pp st mute legato

pp st mute

*tie at end of rhythmic pattern = 1 v (all attacks)
otherwise stop sound*

tri

pp

thin metal beater

pp

*cover drum head with cloth
s d*

pp

tam-tam

thin metal beater on edge

pp

For reference only. Not valid for performance.

5

Picc

Flute

Oboe

B♭ Clar

B♭ B♭s Cl

Bsn

E♭ A Sax

B♭ Ten Sax

E♭ Bar Sax

B♭ Tpt

F Horn

Tbn

Euph

Tuba

St Bass/
Elec Bass

Timp

Trn, xyl

Susp cym,
tamb, chimes

S dr, claves,
b dr

Tamtam, tmb
crash cym,
maracas, cowbell

Drum set

Picc
 Flute 1 2
 Oboe 1 2
 Bb Clar 1
 Bb Bs Cl 2 3
 Bsn 1 2
 Eb A Sax 1 2
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt 1 2 3
 F Horn 1 2 3 4
 Tbn 1 2 3
 Euph 1 2
 Tuba
 St Bass/ Elec Bass
 Timp
 Trn . xyl
 Susp cym
 tamb chimes
 S dr claves
 h dr
 Tamtam, timb
 crash cym
 maracas cowbell
 Drum set

Picc
 Flute 1 2
 Oboe 1 2
 Bb Clar 1 2 3
 Bb Bs Cl
 Bsn 1 2
 Eb A Sax 1 2
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt 1 2 3
 F Horn 1 2 3 4
 Tbn 1 2 3
 Euph 1 2
 Tuba
 St Bass/
 Elec Bass
 Timp
 Tri, xyl
 Susp cym,
 tamb, chimes
 S dr, claves,
 b dr
 Tam tam tmb
 crash cym
 maracas cowbell
 Drum set

Picc
 Flute 1 2
 Oboe 1 2
 Bb Clar 1 2 3
 Bb Bs Cl
 Bsn 1 2
 Eb A Sax 1 2
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt 1 2 3
 F Horn 1 2 3 4
 Tbn 1 2 3
 Euph 1 2
 Tuba
 St Bass/
 Elec Bass
 Timp
 Tri xyl
 Susp cym,
 tamb chimes
 S dr claves,
 b dr
 Tamtam tmb
 crash cym
 maracas cowbell
 Drum set

Musical score for measures 49 through 56. The score includes parts for Piccolo, Flute, Oboe, Bb Clarinet, Bb Bass Clarinet, Bassoon, Eb Alto Saxophone, Bb Tenor Saxophone, Eb Baritone Saxophone, Bb Trumpet, F Horn, Trombone, Euphonium, Tuba, St Bass/Elec Bass, Timp, Tri xyl, Susp cym, tamb chimes, S dr claves, b dr, Tamtam tmb, crash cym, maracas cowbell, and Drum set. The score features various musical notations including dynamics (p, pp, a 2, a 4), articulation (scrape), and performance instructions. A large diagonal watermark reading "Not Valid for Reference Only" is overlaid across the score.

57

58

59

60

61

62

63

64

icc

Tute 1 2

Oboe 1 2

Bb Clar 1 2 3

Bb Bs Cl

Bsn 1 2

Eb A Sax 1 2

Bb Ten Sax

Eb Bar Sax

Bb Tpt 1 2 3

F Horn 1 2 3 4

Tbn 1 2 3

Euph 1 2

Tuba

St Bass/
Elec Bass

Timp

Tri. xyl

Susp cym,
tamb., chimes

S dr, claves,
b d

Tam, tam, timb
crash cym
maracas, cowbell

Drum set

scrape

s d stick

pizz

p

11

Picc

Flute

Oboe

Bb Clar

Bb Bs Cl

Bsn

Eb A Sax

Bb Ten. Sax

E♭ Bar Sax

Bb Tpt

F Horn

Tbn

Euph.

Tuba

St Bass/
Elec Bass

Temp

Tri, xyl

Susp cym,
tamb, chimes

S dr, claves,
b dr

Tamtam, tmb,
crash cym,
maracas, cowbell

Drum set

97 98 99 100 101 102 103 104

Picc

Flute 1 2

Oboe 1 2

Bb Clar 1 2 3

Bb Bs Cl

Bsn 1 2

E♭ A Sax 1 2

B♭ Ten Sax

E♭ Bar Sax

Bb Tpt 1 2 3

F Horn 1 2 3 4

Tbn 1 2 3

Euph 1 2

Tuba

St Bass/
Elec Bass

Timp

Trl, xyl

Susp cym
tamb, chimes

S dr, claves,
b dr

Tam, tmb
crash cym
maracas, cowbell

Drum set

mf

mf

mf

mf

mp

mp

mp

mp

105 106 107 108 109 110 111 112

Picc

Flute 1 2

Oboe 1 2

Bb Clar

Bs Bs Cl

Bsn 1 2

Eb A Sax

Bb Ten Sax

E Bar Sax

Bb Tpt 1 2 3

F Horn 1 2 3 4

Tbn 1 2 3

Euph 1 2

Tuba

St Bass/
Elec Bass

Timp

Trl xyl

Susp cym.,
tamb chimes

S dr -laves,
b dr

Tamtam tumb
crash cym
maracas cowbell

Drum set

107

mf

mf

+III

Not valid for performance

17

121 122 123 124 125 126 127 128

Picc

Flute 1 2

Oboe 1 2

Bb Clar 1 2 3

Bb Bs Cl 1 2 3

Bsn 1 2

Eb A Sax 1 2

Bb Ten Sax 1 2

Eb Bar Sax 1 2

Bb Tpt 1 2 3

F Horn 1 2 3 4

Tbn 1 2 3

Euph 1 2

Tuba

St Bass/ Elec Bass

Timp

Tri, xyl

Susp cym, tamb, chimes

S dr, claves, b dr

Tamtam, timb crash cym, maracas cowbell

Drum set

solo
mp

to tamb

to xyl

to snare

to crash cym

p

129 130 131 132 133 134 135 136

Picc

Flute 1 2

Oboe 1 2

Bb Clar 1 2 3

Bb Bs Cl

Bsn 1 2

Eb A Sax 1 2

Bb Ten Sax

E♭ Bar Sax

Bb Tpt 1 2 3

F Horn 1 2 3 4

Tbn 1 2 3

Euph 1 2

Tuba

St Bass/
Elec Bass

Timp

Tri, xyl

Susp cym,
tamb, chimes

S dr, claves,
b dr

Tamam, tumb,
crash cym,
maracas, cowbell

Drum set

solo
mp

solo
mp

oboe cue
mp

Not valid for Performance

20

This image shows a page from a musical score, likely for a string quartet, featuring four staves. The notation includes various musical symbols such as notes, rests, and dynamic markings. The first staff has a treble clef and a key signature of one sharp (F#). The second staff has a treble clef and a key signature of one sharp (F#). The third staff has a treble clef and a key signature of one sharp (F#). The fourth staff has a bass clef and a key signature of one sharp (F#). The score is divided into measures by vertical bar lines. Dynamic markings include 'p' (piano) and 'mp' (mezzo-piano). There are also some markings like 'a2' and 'a1' which might refer to specific parts or versions of the music. The overall layout is typical of a professional musical score.

154 155 156 157 158 159 160

Picc *mp* *f*

Flute 1 *a 2 mp* *f*

Oboe 1 *mp* *f*

Bb Clar 1 *mp* *f marcato*

2 *mp* *f marcato*

Bs Bs Cl *mp* *f marcato*

Bsn 1 *div mp* *f marcato*

2 *mp* *f marcato*

E♭ A Sax 1 *mp* *f marcato*

2 *mp* *f marcato*

B♭ Ten Sax *mp* *f marcato*

E♭ Bar Sax *mp* *f marcato*

Bb Tpt 1 *mp open* *f marcato*

2 *mp open* *f marcato*

3 *mp* *f*

F Horn 1 *a 2 mf* *f*

2 *a 4 mp* *f marcato*

3 *mp* *f marcato*

4 *mp* *f marcato*

Tbn 1 *f marcato*

2 *f marcato*

3 *f marcato*

Euph 1 *div mp* *f marcato*

2 *mp* *f marcato*

Tuba *mp* *f*

St Bass/
Elec Bass *mp* *f marcato*

Timp *f*

Tri xyl

Susp cym,
tamb, chimes *sus cym
yarn mallets mp* *f*

S dr claves,
b dr *mp* *f*

Tamtam, tmb
crash cym
maraca, cowbell *crash cym f*

Drum set

$\Rightarrow$

Picc
 Flute 1 2
 Oboe 1 2
 Bb Clar 1 2 3
 Bb Bs Cl
 Bsn 1 2
 Eb A Sax 1 2
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt 1 2 3
 F Horn 1 2 3 4
 Tbn 1 2 3
 Euph 1 2
 Tuba
 St Bass/
 Elec Bass
 Timp
 Tri, xyl
 Susp cym,
 tamb, chimes
 S dr, claves,
 b dr
 Tamtam, tumb
 crash cym
 maracas, cowbell
 Drum set

Picc
 Flute 1 2
 Oboe 1 2
 Bb Clar 1 2 3
 Bb Bs Cl
 Bsn 1 2
 Eb A Sax 1 2
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt 1 2 3
 F Horn 1 2 3 4
 Tbn 1 2 3
 Euph 1 2
 Tuba
 St Bass/
Elec Bass
 Timp
 Tri, xyl
 Susp cym
tamb, chimes
 S dr, claves,
h dr
 Tamtam, tumb
crash cym
miracas, cowbell
 Drum set

Picc
 Flute
 Oboe
 Bb Clar
 Bb Bs Cl
 Bsn
 Eb A Sax
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt
 F Horn
 Tbn
 Euph
 Tuba
 St Bass/
 Elec Bass
 Timp
 Trn, xyl
 Susp cym,
 tamb, chimes
 S dr, claves,
 h dr
 Tamtam, tmb,
 crash cym
 maracas, cowbell
 Drum set

29

Picc
 Flute 1 2
 Oboe 1 2
 Bb Clar 1 2 3
 Bb Bs Cl
 Bsn 1 2
 Eb A Sax 1 2
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt 1 2 3
 F Horn 1 2 3 4
 Tbn 1 2 3
 Euph 1 2
 Tuba
 St Bass/
 Elec Bass
 Timp
 Tri xyl
 Susp cym,
 tamb, chimes
 S dr claves
 b dr
 Tamlam, tmb
 crash cym
 matacas cowbell
 Drum set

p
p
p
mf
p
p

solo
 (stand)

Picc
 Flute 1 2
 Oboe 1 2
 Bb Clar 1 2 3
 Bb Bs Cl
 Bsn 1 2
 Eb A Sax 1 2
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt 1 2 3
 F Horn 1 2 3 4
 Tbn 1 2 3
 Euph 1 2
 Tuba
 St Bass/
 Elec Bass
 Timp
 Trt, xyl
 Susp cym,
 tamb, chimes
 S dr, claves,
 b dr
 Tamtam, tmb,
 crash cym,
 maracas, cowbell
 Drum set

Picc
 Flute 1 2
 Oboe 1 2
 Bb Clar 1 2 3
 Bb Bs Cl
 Bsn 1 2
 Eb A Sax 1 2
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt 1 2 3
 F Horn 1 2 3 4
 Tbn 1 2 3
 Euph 1 2
 Tuba
 St Bass/
Elec Bass
 Timp
 Trn, xyl
 Susp cym,
tamb, chimes
 S dr, claves,
b dr
 Tamtam, tmb,
crash cym,
maracas, cowbell
 Drum set

Musical score for measures 241-248. The score includes parts for Piccolo, Flute, Oboe, Bb Clarinet, Bb Bass Clarinet, Bassoon, Eb Alto Saxophone, Bb Tenor Saxophone, Eb Baritone Saxophone, Bb Trumpet, F Horn, Trombone, Euphonium, Tuba, St Bass/Elec Bass, Timp, Trn, xyl, Susp cym, tamb, chimes, S dr, claves, b dr, Tamtam, tmb, crash cym, maracas, cowbell, and Drum set. The score features various musical notations including dynamics (f, mp), articulation (tr), and a large watermark 'Not for Performance'.

Picc
 Flute 1
 Oboe 1
 Bb Clar 1
 Bb Bs Cl 1
 Bsn 1
 Eb A Sax 1
 Bb Ten Sax 1
 Eb Bar Sax 1
 Bb Tpt 1
 F Horn 1
 Tbn 1
 Euph 1
 Tuba 1
 St Bass/
 Elec Bass
 Timp
 Tri, xyl
 Susp cym,
 tamb, chimes
 S dr, claves,
 b dr
 Tamtam, tumb,
 crash cym
 maracas, cowbell
 Drum set

Musical score for measures 249-256. The score includes parts for Piccolo, Flute, Oboe, Bb Clarinet, Bb Bass Clarinet, Bassoon, Eb Alto Saxophone, Bb Tenor Saxophone, Eb Baritone Saxophone, Bb Trumpet, F Horn, Trombone, Euphonium, Tuba, St Bass/Electric Bass, Timpani, Triangle/Xylophone, Suspended Cymbal/Tam-tam/Chimes, Snare Drum/Claves/Bass Drum, and various percussion instruments (Tamtam, Tumb, Crash Cymbal, Maracas, Cowbell, Drum set). The score is written in 4/4 time and features various dynamics (mf, f, div) and articulations (accents, slurs). A watermark "Not for sale" is visible across the page.

257 258 259 260 261 262

Picc *mf* *f* *mf* *f*

Flute 1 2 *f* *mf* *f*

Oboe 1 2 *f* *mf* *f*

Bb Clar 1 2 3 *f* *mf* *f*

Bs Bs Cl *mf* *mf* *f*

Bsn 1 2 *mf* *f*

E♭ A Sax 1 2 *mf* *f*

B♭ Ten Sax *mf* *f*

E♭ Bar Sax *mf* *f*

Bb Tpt 1 2 3 *mf* *f* (*shake*)

F Horn 1 2 3 4 *f* *mf* *f* (*div*)

Tbn 1 2 3 *mf* *f* (*a2*)

Euph 1 2 *mf* *f*

Tuba *mf* *f*

St Bass/
Elec Bass

Timp *f* *mf* *f*

Tri, xyl *mf* *f* *mf* *f*

Susp cym.,
tamb., chimes *mf* *f* *mf* *f*

S dr., claves,
b dr. *mf* *f*

Tam/tam, tmb.,
crash cym.,
maracas, cowbell
Drum set *f*

Picc

Flute

Oboe

Bb Clar

Bb Bs Cl

Bsn

E♭ A Sax

B♭ Ten Sax

E♭ Bar Sax

B♭ Tpt

F Horn

Tbn

Euph

Tuba

St Bass/
Elec Bass

Timp

Trn, xyl

Susp cym,
tamb, chimes

S dr, claves
h dr

Tam-tam, tmb
crash cym
maracas, cowbell

Drum set

Picc
 Flute 1 2
 Oboe 1 2
 Bb Clar 1 2 3
 Bb Bs Cl
 Bsn 1 2
 Eb A Sax 1 2
 Bb Ten Sax
 Eb Bar Sax
 Bb Tpt 1 2 3
 F Horn 1 2 3 4
 Tbn 1 2 3
 Euph 1 2
 Tuba
 St Bass/
Elec Bass
 Timp
 Trt, xyl
 Susp cym
tamb, chimes
 S dr claves
b dr
 Tamtam tmb
crash cym
maracas cowbell
 Drum set

288 289 290 291 292 293 294 295

Picc. *f*

Flute 1 2 *mp* *f*

Oboe 1 2 *mp* *f*

B♭ Clar. 1 2 3 *mp* *f*

B♭ B♭ Cl. *mp* *f*

Bsn 1 2 *mp* *f* *div*

E♭ A Sax 1 2 *mp* *f*

B♭ Ten Sax *mp* *f*

E♭ Bar Sax *mp* *f*

B♭ Tpt 1 2 3

F Horn 1 2 3 4 *mp* *f*

Tbn 1 2 3 *mp* *f*

Euph 1 2 *mp* *f*

Tuba *mp* *f*

St Bass/Elec Bass *mp* *f*

Timp

Tri xyl

Susp cym
tamb chimes

S dr claves
h dr

Tam tam timb
crash cym
maracas lowbell

Drum set

304 305 306 307 308 309 310 311

Picc

Flute 1 2

Oboe 1 2

Bb Clar 1 2 3

Bb Bs Cl *p*

Bsn 1 2

Eb A Sax 1 2

Bb Ten Sax

E♭ Bar Sax *p*

Bb Tpt 1 2 3

F Horn 1 2 3 4

Tbn 1 *p* 2 3

Euph 1 *div* 2 *p*

Tuba *p*

St Bass/
Elec Bass *p*

Timp *mp*

Tri, xyl *tr*

Susp cym,
tamb, chimes *p* sus cym
s d stick

S dr claves
h dr *p*

Tam tam tmb
crash cym
maracas cowbell

Drum set

313 312 313 314 315 316 317 318 319

Picc

Flute 1 2

Oboe 1 2

Bb Clar 1 2 3

Bs Bs Cl

Bsn 1 2

Eb A Sax 1 2

Bs Ten Sax

E♭ Bar Sax

Bb Tpt 1 2 3

F Horn 1 2 3 4

Tbn 1 2 3

Euph 1 2

Tuba

St Bass/
Elec Bass

Timp

Tri, xyl

Susp cym
tamb, chimes

S dr
claves
b dr

Tamtam tmb
crash cym
maracas cowbell

Drum set

mp *mf* *f*

st bass *f*

yarn mallets *mp* *f*

tam-tam
yarn mallets *mp* *f*

to chimes

to crash cym

326 327 328 329 330 331

Picc *ff* *mp* *ff*

Flute 1 2 *ff* *mp* *ff*

Oboe 1 2 *ff* *mp* *ff*

Bb Clar 1 2 3 *ff* *mp* *ff*

Bb Bs Cl *ff* *sf p* *ff*

Bsn 1 2 *ff* *sf p* *ff*

Eb A Sax 1 2 *ff* *sf p* *ff*

Bb Ten Sax *ff* *f* *ff*

E♭ Bar Sax *ff* *sf p* *ff*

Bb Tpt 1 2 3 *ff* *sf p* *ff*

F Horn 1 2 3 4 *ff* *f* *ff*

Tbn 1 2 3 *ff* *sf p* *ff*

Euph 1 2 *ff* *f* *ff*

Tuba *ff* *sf p* *ff*

St Bass/
Elec Bass *ff* *sf p* *ff*

Timp *ff* *mp* *ff*

Trl, xyl *f* *ff* *f* *cresc* *ff*

Susp cym,
tamb, chimes *ff* *p* *ff*

S dr, claves,
b dr *ff* *p* *ff*

Tamtam tmb
crash cym
maracas cowbell
Drum set *ff* *ff* *ff*