

Russell Scarbrough

MAX-Q

Commissioned by the Hilton High School Jazz Ensemble
Jared Streiff, director

Instrumentation:

Alto Saxophone 1
Alto Saxophone 2
Tenor Saxophone 1
Tenor Saxophone 2
Baritone Saxophone

Trombone 1
Trombone 2
Trombone 3
Bass Trombone

Trumpet 1
Trumpet 2
Trumpet 3
Trumpet 4
Trumpet 5

Vibraphone
Guitar
Piano
Bass
Drum Set

About **MAX-Q**:

From Wikipedia:

In aerospace engineering, the maximum dynamic pressure, often referred to as maximum Q or max Q, is the point at which aerodynamic stress on a vehicle in atmospheric flight is maximized. It is an important factor in the structural and mission design of rockets, missiles, and other aerospace vehicles which travel through an atmosphere; the flight envelope may be limited to reduce the total structural load on a vehicle near max Q.

The point of max Q is a key milestone during a rocket launch, as it is the point at which the airframe undergoes maximum mechanical stress.

So if the whole operation is going to come apart in a spectacular fireball,
it will probably do so at Max Q.

Many thanks to Jared Streiff and the Hilton High School Jazz Ensemble for supporting the creation of this chart.

RS

Score

MAX-Q

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Hip Hop $\text{♩} = 102$
(swing 8ths)

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The score is arranged for a jazz ensemble. The top five staves are for saxophones: Alto Saxophone 1 and 2, Tenor Saxophone 1 and 2, and Baritone Saxophone. The next five staves are for trumpets (1-5) and trombones (1-3, Bass Trombone). Below these are the Vibraphone (Vibes), Guitar, Piano (Grand Staff), Bass, and Drum Set. The music is in 4/4 time with a swing feel. The saxophones and trumpets play a melodic line with triplets starting at measure 8. The trombones play a sustained harmonic line. The guitar plays a rhythmic pattern of eighth notes, and the bass plays a walking bass line. The drums play a steady groove. A rehearsal mark '9' is placed above the first measure of the saxophone and trumpet parts in the final system.

Alto 1

Alto 2

Tenor 1

Tenor 2

Bari Sax

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tpt. 5

Tbn. 1

Tbn. 2

Tbn. 3

Bass Bone

Vibes

Gtr.

Pno.

Bass

D.S.

11 12 13 14 15 16 17 18 19 20 21 22 23

24

Alto 1

Alto 2

Tenor 1

Tenor 2

Bari Sax

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tpt. 5

Tbn. 1

Tbn. 2

Tbn. 3

Bass Bone

Vibes

Gtr.

Pno.

Bass

D.S.

24 25 26 27 28 29 30 31 32 33

34

42

Alto 1

Alto 2

Tenor 1

Tenor 2

Bari Sax

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tpt. 5

Tbn. 1

Tbn. 2

Tbn. 3

Bass Bone

Vibes

Gtr.

Pno.

Bass

D.S.

34 35 36 37 38 39 40 41 42 43 44 45

(Opt. tacet)

Chord diagrams for Gtr. and Pno. include: B⁹, B⁷, B⁹/A, A⁷(#9), A⁹, G⁹(#9), G⁷(#9), D⁹(#9), D⁷(#9), D⁹(#9), F⁷(#9), G⁹.