Performance Report for:

https://www.boeing.com/

Report generated:	Tue, May 2, 2023 11:37 AM -0700
Test Server Location:	🇨🇦 Vancouver, Canada
Using:	Chrome (Desktop) 103.0.5060.134, Lighthouse 9.6.4

B	Performance 90%	Structure 81%		L. Contentful Paint 976ms	T. Blocking Time 29ms	C. Layout Shift 0.28

Top Issues

IMPACT	AUDIT	
Med	Serve static assets with an efficient cache policy	Potential savings of 1.60MB
Med	Avoid unload event listeners	1 listener found
Med-Low	Use a Content Delivery Network (CDN)	46 resources found
Med-Low	Eliminate render-blocking resources FCP LCP	Potential savings of 251ms
Med-Low	Avoid large layout shifts CLS	2 elements found

Page Details

976ms

Fully Loaded Time

Total Page Size - 1.82MB

IMG 718KB	JS 716KB			

Total Page Requests - 68

JS 63.2%	CSS 11.8%	IMG 11.8%			

🟪 HTML   ▦ JS   ▦ CSS   ▦ IMG   ■ Video   ▦ Font   ▦ Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

About GTmetrix

CARBON 60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 27 years experience in web technology.
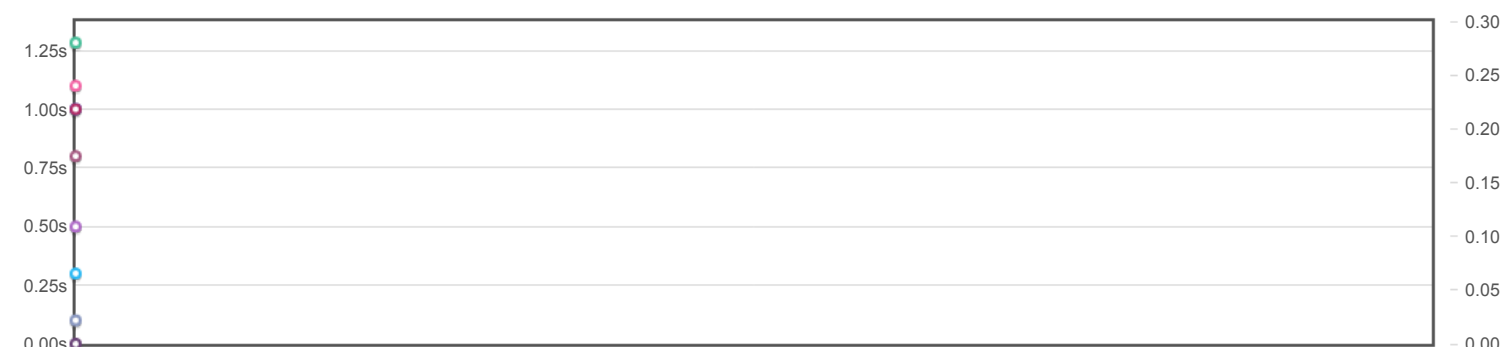
https://carbon60.com/

Page scores

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- GTmetrix Grade
- Performance Score
- Structure Score

Page metrics

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- Time to First Byte
- First Contentful Paint
- Largest Contentful Paint
- Onload Time
- Time to Interactive
- Fully Loaded
- Total Blocking Time
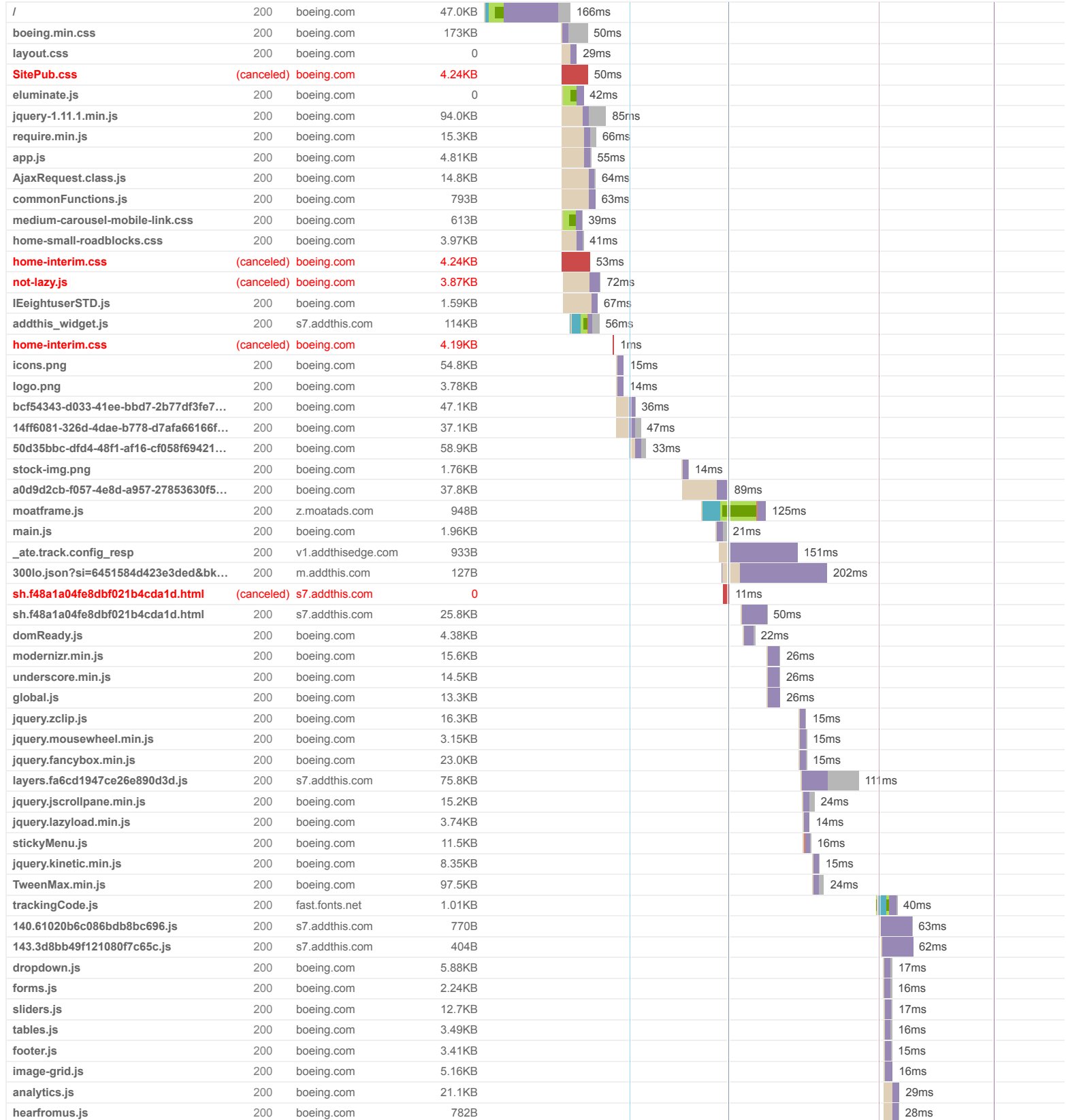- Speed Index
- Cumulative Layout Shift

Page sizes and request counts

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- HTML Size
- Total Page Size
- Requests

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

The Boeing Company Official Website

Resource	Status	Domain	Size	Time
/	200	boeing.com	47.0KB	166ms
boeing.min.css	200	boeing.com	173KB	50ms
layout.css	200	boeing.com	0	29ms
SitePub.css	(canceled)	boeing.com	4.24KB	50ms
eluminate.js	200	boeing.com	0	42ms
jquery-1.11.1.min.js	200	boeing.com	94.0KB	85ms
require.min.js	200	boeing.com	15.3KB	66ms
app.js	200	boeing.com	4.81KB	55ms
AjaxRequest.class.js	200	boeing.com	14.8KB	64ms
commonFunctions.js	200	boeing.com	793B	63ms
medium-carousel-mobile-link.css	200	boeing.com	613B	39ms
home-small-roadblocks.css	200	boeing.com	3.97KB	41ms
home-interim.css	(canceled)	boeing.com	4.24KB	53ms
not-lazy.js	(canceled)	boeing.com	3.87KB	72ms
IEeightuserSTD.js	200	boeing.com	1.59KB	67ms
addthis_widget.js	200	s7.addthis.com	114KB	56ms
home-interim.css	(canceled)	boeing.com	4.19KB	1ms
icons.png	200	boeing.com	54.8KB	15ms
logo.png	200	boeing.com	3.78KB	14ms
bcf54343-d033-41ee-bbd7-2b77df3fe7...	200	boeing.com	47.1KB	36ms
14ff6081-326d-4dae-b778-d7afa66166f...	200	boeing.com	37.1KB	47ms
50d35bbc-dfd4-48f1-af16-cf058f69421...	200	boeing.com	58.9KB	33ms
stock-img.png	200	boeing.com	1.76KB	14ms
a0d9d2cb-f057-4e8d-a957-27853630f5...	200	boeing.com	37.8KB	89ms
moatframe.js	200	z.moatads.com	948B	125ms
main.js	200	boeing.com	1.96KB	21ms
_ate.track.config_resp	200	v1.addthisedge.com	933B	151ms
300lo.json?si=6451584d423e3ded&bk...	200	m.addthis.com	127B	202ms
sh.f48a1a04fe8dbf021b4cda1d.html	(canceled)	s7.addthis.com	0	11ms
sh.f48a1a04fe8dbf021b4cda1d.html	200	s7.addthis.com	25.8KB	50ms
domReady.js	200	boeing.com	4.38KB	22ms
modernizr.min.js	200	boeing.com	15.6KB	26ms
underscore.min.js	200	boeing.com	14.5KB	26ms
global.js	200	boeing.com	13.3KB	26ms
jquery.zclip.js	200	boeing.com	16.3KB	15ms
jquery.mousewheel.min.js	200	boeing.com	3.15KB	15ms
jquery.fancybox.min.js	200	boeing.com	23.0KB	15ms
layers.fa6cd1947ce26e890d3d.js	200	s7.addthis.com	75.8KB	111ms
jquery.jscrollpane.min.js	200	boeing.com	15.2KB	24ms
jquery.lazyload.min.js	200	boeing.com	3.74KB	14ms
stickyMenu.js	200	boeing.com	11.5KB	16ms
jquery.kinetic.min.js	200	boeing.com	8.35KB	15ms
TweenMax.min.js	200	boeing.com	97.5KB	24ms
trackingCode.js	200	fast.fonts.net	1.01KB	40ms
140.61020b6c086bdb8bc696.js	200	s7.addthis.com	770B	63ms
143.3d8bb49f121080f7c65c.js	200	s7.addthis.com	404B	62ms
dropdown.js	200	boeing.com	5.88KB	17ms
forms.js	200	boeing.com	2.24KB	16ms
sliders.js	200	boeing.com	12.7KB	17ms
tables.js	200	boeing.com	3.49KB	16ms
footer.js	200	boeing.com	3.41KB	15ms
image-grid.js	200	boeing.com	5.16KB	16ms
analytics.js	200	boeing.com	21.1KB	29ms
hearfromus.js	200	boeing.com	782B	28ms

favicon.ico	200	boeing.com	1.52KB			34ms
moment.min.js	200	boeing.com	31.5KB			25ms
jquery.placeholder.min.js	200	boeing.com	2.66KB			14ms
jquery.selectric.min.js	200	boeing.com	5.75KB			38ms
jquery.cycle2.swipe.min.js	200	boeing.com	1.69KB			36ms
1.css?apiType=css&projectid=957db...	200	fast.fonts.net	237B			34ms
jquery.cycle2.min.js	200	boeing.com	22.8KB			32ms
owl.carousel.min.js	200	boeing.com	39.9KB			32ms
GetStockQuoteList?apiKey=0A8F8E9...	200	boeing2015.q4web.com	672B			116ms
747Rollout-HomepageHero.jpg	200	boeing.com	83.6KB			17ms
careers-banner-022023_1280x436.jpg	200	boeing.com	73.1KB			26ms
aapi-hero.jpg	200	boeing.com	222KB			40ms
boeing-northern-virginia-office-pano_...	200	boeing.com	185KB			20ms
annual-report-2023-hero-banner_1500...	200	boeing.com	93.9KB			35ms

68 Requests   **1.84MB (2.28MB Uncompressed)**   **Fully Loaded 976ms (Onload 755ms)**

0.1s	0.2s	0.3s	0.4s	0.5s	0.6s	0.7s	0.8s	0.9s	1s

TTFB: 142ms

Redirect: 0ms
Connect: 38ms
Backend: 104ms

First Contentful Paint: 276ms

Time to Interactive: 467ms

Onload Time: 755ms

Largest Contentful Paint: 976ms

Fully Loaded Time: 976ms

Performance Metrics

First Contentful Paint

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

Good - Nothing to do here

275ms

Time to Interactive

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

Good - Nothing to do here

466ms

Speed Index

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

Good - Nothing to do here

1.1s

Total Blocking Time

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

Good - Nothing to do here

29ms

Largest Contentful Paint

How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.

Good - Nothing to do here

976ms

Cumulative Layout Shift

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

Much more than recommended

0.28

Browser Timings

Redirect	0ms	Connect	38ms	Backend	104ms
TTFB	142ms	First Paint	276ms	DOM Int.	446ms
DOM Loaded	467ms	Onload	755ms	Fully Loaded	976ms

IMPACT	AUDIT	
Med	**Serve static assets with an efficient cache policy**	Potential savings of 1.60MB
Med	**Avoid unload event listeners**	1 listener found
Med-Low	**Use a Content Delivery Network (CDN)**	46 resources found
Med-Low	**Eliminate render-blocking resources** FCP LCP	Potential savings of 251ms
Med-Low	**Avoid large layout shifts** CLS	2 elements found
Low	**Avoid an excessive DOM size** TBT	1,014 elements
Low	**Use passive listeners to improve scrolling performance**	1 event listener not passive
Low	**Use a <meta name="viewport"> tag with width or initial-scale** TBT	No <meta name="viewport"> tag found.
Low	**Enable text compression** FCP LCP	Potential savings of 523KB
Low	**Preload Largest Contentful Paint image** LCP	Potential savings of 98ms
Low	**Use HTTP/2 for all resources**	Potential savings of 110ms
Low	**Avoid enormous network payloads** LCP	Total size was 1.82MB
Low	**Reduce unused CSS** FCP LCP	Potential savings of 155KB
Low	**Minify JavaScript** FCP LCP	Potential savings of 45.2KB
Low	**Reduce unused JavaScript** LCP	Potential savings of 216KB
Low	**Properly size images**	Potential savings of 37.9KB
Low	**Efficiently encode images**	Potential savings of 84.7KB
Low	**Ensure text remains visible during webfont load** FCP LCP	4 fonts found
Low	**Avoid long main-thread tasks** TBT	2 long tasks found
Low	**Reduce JavaScript execution time** TBT	159ms spent executing JavaScript
Low	**Serve images in next-gen formats**	Potential savings of 401KB
Low	**Reduce initial server response time** FCP LCP	Root document took 103ms
Low	**Avoid serving legacy JavaScript to modern browsers** TBT	Potential savings of 24.7KB

Low	**Avoid chaining critical requests** FCP LCP	19 chains found
N/A	**Largest Contentful Paint element** LCP	1 element found
N/A	**Minimize main-thread work** TBT	Main-thread busy for 697ms
N/A	**User Timing marks and measures**	2 user timings
N/A	**Reduce the impact of third-party code** TBT	Total size was 223KB