



MD System
MD System Narrow
MD System Condensed

MD System

MD System Narrow

MD System Condensed

Regular
Medium
Semibold
Bold
Black

Regular
Medium
Semibold
Bold
Black

Regular
Medium
Semibold
Bold
Black

Italic
Medium Italic
Semibold Italic
Bold Italic
Black Italic

Italic
Medium Italic
Semibold Italic
Bold Italic
Black Italic

Italic
Medium Italic
Semibold Italic
Bold Italic
Black Italic

Designer (450) A

[1276] ALGORITHMIC!
Incandescent Lighting

SAN FRANCISCO, CALIFORNIA
Lithium-ion Battery Manufacturer
6502 Cells Produced Each Day

M5 Southbound

“AMSTERDAM–ZUID”
Metrolijn naar De Pijp

GROTESQUE TYPEFACES N°68
Type Foundries in The Hague, ZH, NL
374-56 (International) Suppliers

Swiss Water, 157

INT'L DEPARTURES →
2087—B Straßenbahn

NEW LIVE SHOW ANNOUNCED
Techniques for A/B Testing (30)
ISO A4 Paper Standardization

Phœnix, Arizona

NEW YORK SUBWAY
Grotesque №36 Bold

FILES → DOCUMENTS → A2.PSD
Untitled-1 [RGB] · 250% Zoom
510 Revolutionary New Artworks

Space Launch 5

ADDITIONAL DELTA
360 Seconds Vacuum

MAY 5: POSTER WORKSHOP
Open Studio (students welcome)
Bring Materials; Slots Limited

Heavy Industrial 210

A SHORTFALL OF GRAVITAS
Engineer (Digital Systems)

EA-124 LOUNGE CHAIR [ALUMINIUM]
Mid-Century Modern Design Aesthetics
Second-hand; Good condition; €650

96pt

-20%

A38, Junction 27 (N)

72pt

-14%

WEATHER REPORT – 14:00
“Light Showers Predicted”

40pt

-10%

PRINTING INK (SECOND FORMULA)
Fine Impression · 2,400 Page Coverage
£356 Biologically Safe & Non-Toxic

96pt

-20%

‘COLD-BREW’ € 4.-

72pt

-14%

SCHOOL OF TYPE DESIGN
(Small Basement Studio)

40pt

Legible forms

-10%

144 Hz REFRESH RATE · IPS DISPLAY
Horizontally or vertically mounted setup
340, Information Design; 341, Layout

Light Railway 34/A

PROCEDURAL TERRAIN
Survival Simulation Game

“100% PEAR CIDER, NO ADDITIVES.”
Rainforest Suite® V1.3 - Nmesh (2014)
[12-Mt] Tunguska Event; 1908; A.

Marshmallow 236

MUSEUMNACHT A'DAM **Late Night Gallery Event**

2M 'TITAN ARUM' INFLORESCENCE **World's Largest Flowering Structure** ***The plant's 10-year bloom cycle,***

Alternating Current 28

CENSUS & EXCISE OFFICES
Nerevarine; 'Moon-And-Star'

ENVIRONMENTALISM VS THE OIL EXECUTIVE
A New NOVEL with a CONTEMPORARY Edge
Available from MAY 2023 · Price €9.95

DRAGON & DUNGEON

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TRADEMARK™ RULE SET [p 458] THEORY
1998: Physical Media & the Behaviors of Ink
Iron(II) Sulfate, a.k.a. “Green Vitriol” Salts

96pt

-20%

's-Gravenhage, ZH, NL

72pt

Slashed zero

-14%

ROASTERY & COFFEE HOUSE
100% Responsibly-Sourced*

40pt

Legible forms

-10%

47 CULTURAL & 82 LOCAL INSTITUTIONS
Worldwide [Incl. 36 Countries] Organization
Space Telescope (1996; Launched 2022)

5A: The Planet Arrakis

SAGUARO, 38; DRY GRASS, 1
Microgramma heterophylla

LOW FOG OVER A CALM ATLANTIC COAST
3 Vacuum-Optimized Upper Stage Engines
Structural (5) and Procedural (6) Fixes

23.1; Right Ascension

**2020's "UTAH MONOLITH"
Discovered by Surveyors**

**'INTERNATIONAL TYPOGRAPHIC STYLE'
Nov. 24, 1985. South Utsire Lighthouse.
Myrmecophytic⁽²³⁾ Plant Biology, B1**



16 / 20 pt Oldstyle figures

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13 / 16 pt

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11 / 14 pt +3‰

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9.5 / 12 pt +6‰ Legible forms

In addition to the negative consequences of sleep deprivation, sleep and the intertwined circadian system have been shown to have strong regulatory effects on immunological functions affecting *both innate and adaptive immunity*. First, during the early slow-wave-sleep stage, a sudden drop in blood levels of *cortisol*, *epinephrine*, and *norepinephrine* causes increased blood levels of the hormones *leptin*, *pituitary growth hormone*, and *prolactin*. These signals induce a pro-inflammatory

8 / 10 pt +10‰

The first ever known *artificial feedback device* was a float valve, for maintaining water at a constant level, invented in 270 BC in Alexandria, Egypt. This device illustrated the principle of feedback: *a low water level opens the valve, the rising water then provides feedback into the system, closing the valve when the required level is reached*. This then reoccurs in a circular fashion as the water level fluctuates. *Centrifugal governors* were used to regulate the distance and pressure between millstones in windmills since the 17th century. In 1788, James Watt designed his first centrifugal governor following a suggestion from his

7 / 9 pt +15‰ Legible forms

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Double-story italic a, g

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13 / 16 pt

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11 / 14 pt +3%

As in other computer systems, RAM can be subdivided into relatively faster but more expensive ***static RAM (SRAM)*** and the slower but cheaper ***dynamic RAM (DRAM)***. When an SoC has a ***cache hierarchy***, SRAM will usually be used to implement processor registers and cores' built-in caches ***whereas DRAM will be used for main memory***. "Main memory" may be specific to a single processor (which can be multi-core) ***when the SoC has multiple processors***; in this case it is ***distributed memory***

9.5 / 12 pt +6%

The Physical Impossibility of Death in the Mind of Someone Living is an artwork created in 1991 by Damien Hirst, an English artist and a leading member of the "Young British Artists" (or YBA). It consists of a ***preserved tiger shark submerged in formaldehyde*** in a glass-panel display case. It was originally commissioned in 1991 by Charles Saatchi, ***who sold it in 2004 to Steven A. Cohen*** for an undisclosed amount, widely reported to have been at least \$8

8 / 10 pt +10%

Found in South Korea, ***it was formally described as a new species in 2014*** by lichenologists André Aptroot and Kwang-Hee Moon. ***The type specimens were collected by the first author from Mabok-san mountain*** (Goheung County, South Jeolla Province) at altitudes between 200 and 500 m (660 and 1,640 ft); there, the ***lichen was overgrowing mosses*** that were growing on siliceous rock. It has a thin (less than 0.1 mm thick) mottled ***greyish and olive green thallus*** covering areas of up to about 15 cm (6 in). The thallus lacks a cortex; rather, it comprises ***small, irregularly shaped areoles*** on a

7 / 9 pt +15%

The history of the RS-25 traces back to the 1960s, when NASA's ***Marshall Space Flight Center*** and ***Rocketdyne*** were conducting a series of studies on high-pressure engines, ***developed from the successful J-2 engine*** used on the S-II and S-IVB upper stages of the Saturn V rocket during the Apollo program. The studies were conducted under a program to ***upgrade the Saturn V engines***, which produced a design for a 350,000 lbf (1,600 kN) upper-stage engine known as the HG-3. As funding levels for Apollo wound down the HG-3 was cancelled as well as the upgraded F-1 engines already being tested. It was the design for the



System 7.1.2 is the first version of the *Macintosh System Software* to support Apple's new *PowerPC-based computers*. 68k applications that had not yet been updated to run natively on these systems were emulated transparently (*without the user having to intervene*) by a built-in 68k processor emulator. *Fat binaries*, which contained the code necessary to run natively on both *PowerPC and 68k systems*, became common during this time. This process was similar to the

The *Sumerian archaic cuneiform script* closely followed by the *Egyptian hieroglyphs* are generally considered the earliest writing systems, both emerging out of their ancestral proto-literate symbol systems *from 3400 to 3200 BC*, with earliest coherent texts from about 2600 BC. *It is generally agreed* that the historically earlier Sumerian writing was an independent invention; *however, it is debated whether*

***Jellyfish, comb jellies*, and related animals have *diffuse nerve nets* rather than a *central nervous system*. In most jellyfish the nerve net is spread more or less evenly across the body; in comb jellies it is concentrated near the mouth. *The nerve nets consist of sensory neurons*, which pick up chemical, tactile, and visual signals; *motor neurons*, which can activate contractions of the body wall; and *intermediate neurons*, which detect *patterns of activity* in the sensory neurons and,**

As of March 2023, a total of 7,124 737NG aircraft had been ordered, of which 7,101 had been delivered, with remaining orders for two -800, and 21 -800A variants. The most-ordered variant was the 737-800, with 4,991 commercial, 191 military, and 23 corporate, or a total of 5,205 aircraft. *Boeing stopped assembling commercial 737NGs* in 2019 and made the final deliveries in January 2020. The 737NG is superseded by the fourth generation 737 MAX,

FIGURE 5 (foldout, next page) details the resulting *management and major systems engineering products* and *control gates* that characterize the phases in NMI 7120.4 and NHB 7120.5. Sections 3.1 to 3.6 contain narrative descriptions of the *purposes, major activities, products, and control gates* of the NASA project life cycle phases. Section 3.7 provides a more concentrated discussion of *the role of systems engineering* in the process. Section 3.8 describes the NASA budget cycle within which program/project managers and system engineers

***Configuration verification* is the process of verifying that resulting products (e.g., hardware and software items) conform to the *intentions of the designers* and to the *standards established by preceding approved baselines*, and that baseline documentation is *current and accurate*. Configuration verification is accomplished by two types of control gate activity: *audits and technical reviews*. (See Section 4.8.4 for additional information on two important examples: the *Physical Configuration Audit* and the *Design Certification Review*.) Each of these serves to review and challenge the data presented for conformance to**



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8 / 10 pt +10%

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9.5 / 12 pt +6%

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16 / 20 pt

Oldstyle figures

In 1960, the 11th CGPM synthesised the results of the 12-year study into a set of 16 resolutions. The system was named the *International System of Units*, abbreviated SI from the French name, *Le Système International d’Unités*. When Maxwell first introduced the concept of a coherent system, he identified three quantities that could be used as base units: *mass*, *length*, and *time*. Giorgi later identified the need for an electrical base unit, for which the unit of *electric current* was chosen for SI. Another three base units (for *temperature*, *amount of substance*, and *luminous intensity*) were added later. *The early metric systems* defined a unit

13 / 16 pt

The Space Launch System (*abbreviated as SLS*) is an American *super heavy-lift expendable launch vehicle* under development by NASA since 2011. As of March 2022, the first launch is scheduled for no earlier than June 2022, pending the success of a wet dress rehearsal test after the Axiom-1 Launch.^[20] The SLS is a *Space Shuttle-derived* launch vehicle. The first stage of the rocket is powered by *one central core stage* and *two outboard solid rocket boosters*. All SLS Blocks share a common core stage design, *while they differ in their upper stages* and boosters.^[37]

11 / 14 pt +3%

In October 2006, LCD Soundsystem released a composition entitled “45:33”, as part of Nike’s *Original Run* series. It was made available for download from iTunes. Despite its name, the track is actually *45 minutes and 58 seconds long* — the title is a reference to vinyl speeds (33 and 45 RPM) — and was claimed to “*reward and push at good intervals of a run*”. However, it was later revealed that this was not the case, but that Murphy merely wanted the opportunity to create a long piece of music, akin to *E2-E4* by Manuel Göttsching. LCD Soundsystem’s second studio album, *Sound of Silver*, was released on March 20, 2007, *to critical acclaim*. Praise included Mixmag

9.5 / 12 pt +6%

Legible forms

In addition to the negative consequences of sleep deprivation, sleep and the intertwined circadian system have been shown to have strong regulatory effects on immunological functions affecting *both innate and adaptive immunity*. First, during the early slow-wave-sleep stage, a sudden drop in blood levels of *cortisol*, *epinephrine*, and *norepinephrine* causes increased blood levels of the hormones *leptin*, *pituitary growth hormone*, and *prolactin*. These signals induce a pro-inflammatory state through the production of the pro-inflammatory cytokines *interleukin-1*, *interleukin-12*, *TNF-alpha* and *IFN-gamma*. These cytokines then

8 / 10 pt +10%

The first ever known *artificial feedback device* was a float valve, for maintaining water at a constant level, invented in 270 BC in Alexandria, Egypt. This device illustrated the principle of feedback: *a low water level opens the valve, the rising water then provides feedback into the system, closing the valve when the required level is reached*. This then reoccurs in a circular fashion as the water level fluctuates. *Centrifugal governors* were used to regulate the distance and pressure between millstones in windmills since the 17th century. In 1788, James Watt designed his first centrifugal governor *following a suggestion from his business partner Matthew Boulton*, for use in the steam engines of their production. Early steam engines employed *a purely reciprocating motion*, and were used for

7 / 9 pt +15%

Legible forms

A nunatak (from Inuit *nunataq*) is the summit or ridge of a mountain that protrudes from an ice field or glacier that otherwise covers most of the mountain or ridge. They are also called *glacial islands*.^[2] Examples are natural pyramidal peaks. When rounded by glacial action, smaller rock promontories may be referred to as *rognons*. The word is of Greenlandic origin^[3] and has been used in English since the 1870s. The term is typically used in *areas where a permanent ice sheet is present and the nunataks protrude above the sheet*.^[6] Nunataks present readily identifiable landmark reference points in glaciers or ice caps and are often named. While some nunataks are isolated, sometimes they form *dense clusters*, such as *Queen Louise Land* in Greenland.^[7] Nunataks are generally *angular and jagged*, which hampers the formation of glacial



16 / 20 pt

The *Interim Cryogenic Propulsion Stage* (ICPS) is planned to fly on Artemis 1, 2, and 3 as the upper stage of *Space Launch System Block 1*. It is a stretched and human-rated Delta IV 5m (16 ft) *Delta Cryogenic Second Stage* powered by a single RL10 engine. The first ICPS will use the RL10B-2 variant, while the second and third ICPS will use the RL10C-2 variant. Block 1 is intended to be capable of lifting 95t (*93 long tons; 105 short tons*) to low Earth orbit (LEO) in this configuration, including the weight of the ICPS as part of the payload. The *Exploration Upper Stage* (EUS) is planned to fly on Artemis 4. The EUS will complete the SLS ascent

13 / 16 pt

Single-story g

Most NASA systems are *sufficiently complex that their components are sub-systems*, which must function in a coordinated way for the system to accomplish its goals. From the point of view of systems engineering, each subsystem is a system in its own right — that is, *policies, requirements, objectives, and which costs are relevant* are established at the next level up in the hierarchy. *Spacecraft systems* often have such subsystems as *propulsion, attitude control, telecommunications, and power*. In a large project, the subsystems are likely to be called

11 / 14 pt +3%

Legible forms

Biofouling occurs because water is a favorable environment for many life forms. *Flow characteristics of recirculating cooling water systems encourage colonization by sessile organisms* to use the circulating supply of food, oxygen and nutrients. Temperatures may become high enough to support thermophilic populations. *Biofouling of heat exchange surfaces can reduce heat transfer rates of the cooling system*; and biofouling of cooling towers can alter flow distribution to reduce evaporative cooling rates. Biofouling may also create *differential oxygen concentrations*, increasing corrosion rates. OTC and *open recirculating systems* are

9.5 / 12 pt +6%

Oldstyle figures

One of the first known instances in which spatial analysis was used came from the field of epidemiology in the “*Rapport sur la marche et les effets du choléra dans Paris et le département de la Seine*” (1832). French geographer and cartographer, Charles Picquet created a map outlining the forty-eight Districts in Paris, using halftone color gradients, to provide a visual representation for the *number of reported deaths due to cholera per 1,000 inhabitants*. In 1854, John Snow, an epidemiologist and physician, was able to determine the source of a cholera outbreak in London *through the use of spatial analysis*. After

8 / 10 pt +10%

Double-story italic a, g

The player can upgrade their skills by using “*cyber-modules*” given as rewards for completing objectives, such as searching the ship, and then spend them at devices called “*cyber-upgrade units*” to obtain enhanced skills. *Operating System (O/S) units* allow one-time character upgrades to be made (e.g. permanent health enhancement). An in-game currency called “*nanites*” may be spent on items at vending machines, including ammunition supplies and health packs. “*Quantum Bio-Reconstruction Machines*” can be activated and reconstitute the player for 10 nanites if they die inside the area in which the machine resides. Otherwise, the game ends and *progress must be resumed from a save point*. The player can hack devices, such as keypads to open *alternate areas* and vending

7 / 9 pt +15%

By the late 1970s two public domain GIS systems (MOSS and GRASS GIS) were in development, and by the early 1980s, M&S Computing (later Intergraph) along with Bentley Systems Incorporated for the CAD platform, *Environmental Systems Research Institute* (ESRI), CARIS (*Computer Aided Resource Information System*), and ERDAS (*Earth Resource Data Analysis System*) emerged as commercial vendors of GIS software, successfully incorporating many of the CGIS features, combining the first generation approach to *separation of spatial and attribute information* with a second generation approach to *organizing attribute data into database structures*. In 1986, *Mapping Display and Analysis System* (MIDAS), the first desktop GIS product was released for the DOS operating system. This was renamed in 1990 to MapInfo for



16 / 20 pt

Saturn (9.5 AU [1.42 billion km; 880 million mi] from the Sun), distinguished by its extensive ring system, has several similarities to Jupiter, such as its atmospheric composition and magnetosphere. Although Saturn has 60% of Jupiter's volume, it is *less than a third as massive*, at 95 Earth masses. Saturn is the only planet of the Solar System that is *less dense than water* — about 30% less.^[36] *The rings of Saturn* are made up of small ice and rock particles.^[134] Saturn has *83 confirmed satellites* composed largely of ice. Two of these, *Titan and Enceladus*, show signs of geological activity; they, as well as

13 / 16 pt

1–127. *Opening of the OXIDIZER VALVES* permits oxidizer to flow to the combustion zone of the thrust chamber and also mechanically opens the sequence valves. When the *SEQUENCE VALVES* open, control fluid is directed to the *opening port of the gas generator CONTROL VALVE*. Opening of the gas generator control valve admits propellants to the gas generator *COMBUSTOR* where the propellants are ignited by the *gas generator igniters*. The resultant *fuel-rich hot gases* are directed *through the TURBINE* and the *thrust chamber EXHAUST MANIFOLD* to the

11 / 14 pt +3%

Frutiger (with Howard 'Bud' Kettler) adapted Univers for the *IBM Selectric Composer* in the 1960s. This was an ultra-premium electric 'golfball' typewriter system, intended to be used for producing *high-quality office documents* or copy to be photographically enlarged for small-scale printing projects. Unlike most typewriters, the Composer produced *proportional type, rather than monospaced letters*. Ultimately the system proved a transitional product, as *it was displaced by cheaper phototypesetting*, and then in the 1980s *by word processors and general-purpose computers*. The release was somewhat compromised due having to be

9.5 / 12 pt +6%

The latter have orbits whose periods are in a *simple ratio* to that of Neptune: for example, going around the Sun *twice* for every *three times* that Neptune does, or *once* for every *two*. The classical belt consists of objects having no resonance with Neptune, and extends from roughly 39.4 to 47.7 AU (5.89 to 7.14 billion km; 3.66 to 4.43 billion mi). *Members of the classical Kuiper belt are sometimes called "cubewanos"*, after the first of their kind to be discovered, 1992 QB₁; they are still in near primordial, low-eccentricity orbits. *The dwarf planet Pluto* (with an average orbit of 39 AU [5.8 billion

8 / 10 pt +10%

WPS represents objects such as *disks, folders, files, program objects*, and *printers* using the *System Object Model* (SOM), which allows code to be shared among applications, possibly written in different programming languages. A distributed version called DSOM allowed objects on different computers to communicate. DSOM is based on CORBA. The object oriented aspect of SOM is similar to, and a direct competitor to, Microsoft's *Component Object Model*, though it is implemented in a radically different manner; for instance, one of the most notable differences between SOM and COM is SOM's support for inheritance (one of the most fundamental concepts of OO programming) — COM does not have such support. SOM and DSOM are no longer being

7 / 9 pt +15%

The engine features a *two-piece thrust chamber* that is tubular-walled and *regeneratively cooled to the 10:1 expansion ratio plane*, and double-walled and *turbine gas cooled to the 16:1 expansion ratio plane*; a thrust chamber mounted turbopump that has two centrifugal pumps spline-connected on a single shaft driven by a two-stage, direct-driven turbine; one-piece rigid propellant ducts that are used in pairs to direct the fuel and oxidizer to the thrust chamber; and a *hypergolic fluid cartridge that is used for thrust chamber ignition*. The engine is within an envelope 12 feet in diameter and 16 feet long and weighs approximately 18,500 pounds dry. *Thrust vector changes* are achieved by gimbaling the entire engine. The gimbal block is located on the *thrust chamber dome*, and actuator attach points are provided



16 / 20 pt

Fast inverse square root, sometimes referred to as ***Fast InvSqrt()*** or by the hexadecimal constant ***0x5F3759DF***, is an algorithm that estimates the reciprocal (or multiplicative inverse) of the square root of a 32-bit floating-point number *x* in ***IEEE 754 floating-point format***. This operation is used in digital signal processing to normalize a vector, such as ***scaling it to length 1***. For example, computer graphics programs use inverse square roots to ***compute angles of incidence*** and reflection for lighting and shading. Predated by similar video game algorithms, ***this one is best known for its implementation in 1999***

13 / 16 pt

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* Tabular alternate euro sign. Other currency symbols are tabular by default.

[illegible]



ss01* Single-story a	Yucatán	Yucatán
ss11† Double-story a	Yucatán	Yucatán
ss03 Legible Forms	Isolator	Isolator
ss05 Black Circled Numbers	Metro 5	Metro ⑤
loc1 Localised Forms (<i>Romanian & Moldavian; Catalan</i>)	Şt L·L	Şt L·L
ordn Ordinals	1a 1o	1ª 1º
smcp Small Caps	Design	DESIGN
c2sc Caps to Small Caps	NASA	NASA

Using OpenType Features in CSS

The four-character tags (ss01, ordn, etc.) listed next to each feature above can be used with the `font-feature-settings` CSS property to toggle the relevant feature. For instance, `font-feature-settings: "ss02";` will enable the *single-story g* stylistic set.

ss02* Single-story g	Images	Images
ss12† Double-story g	Images	Images
ss04 Circled Numbers	Metro 4	Metro ④
frac Arbitrary Fractions	528/491	528/491
onum Oldstyle Figures	01.28.49	01.28.49
tnum Tabular Figures	€10.95	€10.95
onum + tnum Tabular Oldstyle Figures	€5.81	€5.81
zero Slashed Zero	Web 1.0	Web 1.0
case Case-Sensitive Forms	M1 (@N)	M1 (@N)
subs, sups Subscript, superscript	H2O[5]	H ₂ O ^[5]

* Romans & variable only.

† Italics & variable only.



Showing 120 of a total 311 supported languages. You can view the complete list at mass-driver.com/typeface/md-system.

Afrikaans	Irish
Albanian	Italian
Asu	Javanese
Azerbaijani	Jju
Basque	Jola-Fonyi
Bemba	Kabuverdianu
Bena	Kalaallisut
Bosnian	Kalenjin
Catalan	Kamba
Cebuano	Kikuyu
Chiga	Kinyarwanda
Cognian	Kurdish
Cornish	Latvian
Corsican	Lithuanian
Croatian	Lojban
Czech	Low German
Danish	Lower Sorbian
Dutch	Luo
Embu	Luxembourgish
English	Luyia
Estonian	Machame
Faroese	Makhuwa-Meetto
Filipino	Makonde
Finnish	Malagasy
French	Malay
Friulian	Maltese
Galician	Manx
Ganda	Māori
German	Meru
Gusii	Morisyen
Hungarian	Nigerian Pidgin
Icelandic	North Ndebele
Ido	Northern Sami
Igbo	Northern Sotho
Inari Sami	Norwegian Bokmål
Indonesian	Norwegian Nynorsk
Interlingua	Nyanja

Nyankole	Walser
Occitan	Welsh
Oromo	Western Frisian
Polish	Wolof
Portuguese	Xhosa
Romanian	Zulu
Romansh	
Rombo	
Rundi	
Rwa	
Samburu	
Sango	
Sangu	
Sardinian	
Scottish Gaelic	
Sena	
Shambala	
Shona	
Slovak	
Slovenian	
Soga	
Somali	
South Ndebele	
Southern Sotho	
Spanish	
Sundanese	
Swahili	
Swati	
Swedish	
Swiss German	
Taita	
Taroko	
Teso	
Tsonga	
Tswana	
Turkish	
Turkmen	
Upper Sorbian	
Vunjo	
Walloon	

For languages with multiple scripts or writing systems, only the Latin is supported (unless noted otherwise).

While we take care to ensure our language support is as complete and accurate possible, we can't guarantee that every regional or language-specific variation of a glyph is included. Please [get in touch](#) if you need a custom version to better fit your language.



Styles / Instances

Style	wdth ¹	wght ²	slnt ³	OS/2 width/weight class
Condensed Regular	50	400	0	3 / 400
Condensed Italic	50	400	-10	3 / 400
Condensed Medium	50	500	0	3 / 500
Condensed Medium Italic	50	500	-10	3 / 500
Condensed Semibold	50	600	0	3 / 600
Condensed Semibold Italic	50	600	-10	3 / 600
Condensed Bold	50	700	0	3 / 700
Condensed Bold Italic	50	700	-10	3 / 700
Condensed Black	50	800	0	3 / 800
Condensed Black Italic	50	800	-10	3 / 800
Narrow Regular	75	400	0	4 / 400
Narrow Italic	75	400	-10	4 / 400
Narrow Medium	75	500	0	4 / 500
Narrow Medium Italic	75	500	-10	4 / 500
Narrow Semibold	75	600	0	4 / 600
Narrow Semibold Italic	75	600	-10	4 / 600
Narrow Bold	75	700	0	4 / 700
Narrow Bold Italic	75	700	-10	4 / 700
Narrow Black	75	800	0	4 / 800
Narrow Black Italic	75	800	-10	4 / 800
Regular	100	400	0	5 / 400
Italic	100	400	-10	5 / 400
Medium	100	500	0	5 / 500
Medium Italic	100	500	-10	5 / 500
Semibold	100	600	0	5 / 600
Semibold Italic	100	600	-10	5 / 600
Bold	100	700	0	5 / 700
Bold Italic	100	700	-10	5 / 700
Black	100	800	0	5 / 800
Black Italic	100	800	-10	5 / 800

¹ Equivalent to the CSS font-stretch attribute.

² Equivalent to the CSS font-weight attribute.

³ Example usage: `.italic { font-variation-settings: "slnt" -5; }`

MD System Variable (Available on request)

Axis	Min	Max
Width (wdth)	50	100
Weight (wght)	400	800
Slant (slnt)	0	-10

Formats / Sizes

Style	Filesize	Contour Type
OTF	139–149 KB	Cubic (CFF)
WOFF2	44–50 KB	Cubic (CFF)
WOFF	49–55 KB	Cubic (CFF)
Variable TTF	306 KB	Quadratic (TTF)
Variable WOFF2	121 KB	Quadratic (TTF)
Variable WOFF	144 KB	Quadratic (TTF)

General Information

Credits	Designed by Rutherford Craze & Luke Charsley
	With thanks to Frank Grießhammer and Timothy Donaldson for their feedback during the design process.
File Version	2.012
First Release	Feb 2020
Latest Update	May 2023
Licensing	MD System may be used only as permitted by the terms of the Mass-Driver End User License Agreement (EULA). https://mass-driver.com/licensing



MD System Mono

MD System Mono

Regular

Medium

Semibold

Bold

Black

Italic

Medium Italic

Semibold Italic

Bold Italic

Black Italic

Area-47 East

NORTH SEA VESSEL
Storms Forecast

“LOS ANGELES. NOV, 2019”
Information Transference
24-Hour Book Store (8)

96pt

-20%

International

72pt

-14%

NEAR-FUTURE TECH?
Distinct 395 Sort

40pt

Circled Numbers

-10%

METROPOLITAN TRANSIT:
Line ⑤ West & Line ⑥ East
Museum Street Exits ↗

96pt

-20%

DESIGN STUDIO

72pt

-14%

PRACTICAL FORMS
Mid-Century Modern

40pt

Oldstyle figures

-10%

‘RISOGRAPH PRINT EFFECT’
2785 Typographic Layouts
Industrial Application

Authentic UI

UTILITARIAN FEEL
Typewriter Fonts

NETWORK 280 TECHNOLOGY
Multi-Port Switch Adapter
Programming Languages

310 HYPertext

ACTIVE PROTOCOL 9
“Digital Style!”

2 $\frac{1}{2}$ CUPS WHITE RICE FLOUR
Sharp Left Turn Ahead!
Departures Lounges: Q56-60



16 / 20 pt

Oldstyle figures

In 1960, the 11th CGPM synthesised the results of the 12-year study into a set of 16 resolutions. The system was named the *International System of Units*, abbreviated SI from the French name, *Le Système International d'Unités*. When Maxwell first introduced the concept of a coherent system, he identified three quantities that could be used as

13 / 16 pt

Non-slashed Zero

The Space Launch System (*abbreviated as SLS*) is an American *super heavy-lift expendable launch vehicle* under development by NASA since 2010. As of March 2020, the first launch is scheduled for no earlier than June 2020, pending the success of a wet dress rehearsal test after the Axiom-0 Launch.^[20] The SLS is a *Space Shuttle-*

11 / 14 pt +3%

In October 2006, LCD Soundsystem released a composition entitled “45:33”, as part of Nike’s *Original Run* series. It was made available for download from iTunes. Despite its name, the track is actually *45 minutes and 58 seconds long* – the title is a reference to vinyl speeds (33 and 45 RPM) – and was claimed to “*reward and push at good intervals of a run*”. However, it

9.5 / 12 pt +6%

In addition to the negative consequences of sleep deprivation, sleep and the intertwined circadian system have been shown to have strong regulatory effects on immunological functions affecting *both innate and adaptive immunity*. First, during the early slow-wave-sleep stage, a sudden drop in blood levels of *cortisol, epinephrine, and nor-*

8 / 10 pt +10%

Legible forms

The first ever known *artificial feedback device* was a float valve, for maintaining water at a constant level, invented in 270 BC in Alexandria, Egypt. This device illustrated the principle of feedback: *a low water level opens the valve, the rising water then provides feedback into the system, closing the valve when the required level is reached*. This then reoccurs in a circular fashion as the water level fluctuates. *Centrifugal*

7 / 9 pt +15%

A nunatak (from Inuit *nunataq*) is the summit or ridge of a mountain that protrudes from an ice field or glacier that otherwise covers most of the mountain or ridge. They are also called *glacial islands*.^[2] Examples are natural pyramidal peaks. When rounded by glacial action, smaller rock promontories may be referred to as *rognons*. The word is of Greenlandic origin^[6] and has been used in English since the 1870s. The term is typically used in *areas where a permanent*



16 / 20 pt

The *Interim Cryogenic Propulsion Stage* (ICPS) is planned to fly on Artemis 1, 2, and 3 as the upper stage of *Space Launch System Block 1*. It is a stretched and human-rated Delta IV 5m (16 ft) *Delta Cryogenic Second Stage* powered by a single RL10 engine. The first ICPS will use the RL10B-2 variant, while the second and third ICPS will use the RL10C-2

13 / 16 pt

Single-story *g*

Most NASA systems are *sufficiently complex that their components are subsystems*, which must function in a coordinated way for the system to accomplish its goals. From the point of view of systems engineering, each subsystem is a system in its own right – that is, *policies, requirements, objectives, and which costs are*

11 / 14 pt +3%

Legible forms

Biofouling occurs because water is a favorable environment for many life forms. *Flow characteristics of recirculating cooling water systems encourage colonization by sessile organisms* to use the circulating supply of food, oxygen and nutrients. Temperatures may become high enough to support thermophilic populations. *Biofouling of heat exchange surfaces can reduce*

9.5 / 12 pt +6%

Oldstyle figures

One of the first known instances in which spatial analysis was used came from the field of epidemiology in the “*Rapport sur la marche et les effets du choléra dans Paris et le département de la Seine*” (1832). French géographe and cartographe, Charles Picquet created a map outlining the forty-eight Districts in Paris, using halftone color

8 / 10 pt +10%

Double-story italic *a, g*

The player can upgrade their skills by using “*cyber-modules*” given as rewards for completing objectives, such as searching the ship, and then spend them at devices called “*cyber-upgrade units*” to obtain enhanced skills. *Operating System (O/S) units* allow one-time character upgrades to be made (e.g. permanent health enhancement). An in-game currency called “*nanites*” may be spent on items at vending machines, including ammunition supplies

7 / 9 pt +15%

By the late 1970s two public domain GIS systems (MOSS and GRASS GIS) were in development, and by the early 1980s, M&S Computing (later Intergraph) along with Bentley Systems Incorporated for the CAD platform, *Environmental Systems Research Institute (ESRI)*, *CARIS (Computer Aided Resource Information System)*, and *ERDAS (Earth Resource Data Analysis System)* emerged as commercial vendors of GIS software, successfully incorporating many of the CGIS features, combining the first



16 / 20 pt

Single-story *a, g*

Saturn (*9.5 AU [1.42 billion km; 880 million mi]* from the Sun), distinguished by its extensive ring system, has several similarities to Jupiter, such as its atmospheric composition and magnetosphere. Although Saturn has 60% of Jupiter's volume, it is *less than a third as massive*, at 95 Earth masses. Saturn is the only planet of the Solar System that

13 / 16 pt

Small Caps

1-127. *Opening of the OXIDIZER VALVES* permits oxidizer to flow to the combustion zone of the thrust chamber and also mechanically opens the sequence valves. When the *SEQUENCE VALVES* open, control fluid is directed to the *opening port of the gas generator CONTROL VALVE*. Opening of the gas generator control valve admits

11 / 14 pt +3%

Frutiger (with Howard 'Bud' Kettler) adapted Univers for the *IBM Selectric Composer* in the 1960s. This was an ultra-premium electric 'golfball' typewriter system, intended to be used for producing *high-quality office documents* or copy to be photographically enlarged for small-scale printing projects. Unlike most typewriters, the Composer produced *proportional*

9.5 / 12 pt +6%

The latter have orbits whose periods are in a *simple ratio* to that of Neptune: for example, going around the Sun *twice* for every *three times* that Neptune does, or *once* for every *two*. The classical belt consists of objects having no resonance with Neptune, and extends from roughly 39.4 to 47.7 AU (5.89 to 7.14 billion km; 3.66 to 4.43 billion mi).

8 / 10 pt +10%

WPS represents objects such as *disks, folders, files, program objects*, and *printers* using the *System Object Model (SOM)*, which allows code to be shared among applications, possibly written in different programming languages. A distributed version called DSOM allowed objects on different computers to communicate. DSOM is based on CORBA. The object oriented aspect of SOM is similar to, and a direct competitor to,

7 / 9 pt +15%

The engine features a *two-piece thrust chamber* that is tubular-walled and *regeneratively cooled to the 10:1 expansion ratio plane*, and double-walled and *turbine gas cooled to the 16:1 expansion ratio plane*; a thrust chamber mounted turbopump that has two centrifugal pumps spline-connected on a single shaft driven by a two-stage, direct-driven turbine; one-piece rigid propellant ducts that are used in pairs to direct the fuel and oxidizer to the



16 / 20 pt

Fast inverse square root, sometimes referred to as *Fast InvSqrt()* or by the hexadecimal constant *0x5F3759DF*, is an algorithm that estimates the reciprocal (or multiplicative inverse) of the square root of a 32-bit floating-point number *x* in *IEEE 754 floating-point format*. This operation is used in digital signal processing to normalize a vector,

13 / 16 pt

The Braer Storm was the most intense extra-tropical cyclone ever recorded over the northern Atlantic Ocean. *Developing as a weak frontal wave* on 8 January 1993, the system moved rapidly northeast. The combination of the *absorption of a second low-pressure area* to its southeast, a *stronger than normal sea surface*

11 / 14 pt +3%

As in other computer systems, RAM can be subdivided into relatively faster but more expensive *static RAM (SRAM)* and the slower but cheaper *dynamic RAM (DRAM)*. When an SoC has a *cache hierarchy*, SRAM will usually be used to implement processor registers and cores' built-in caches *whereas DRAM will be used for main memory*. "Main memory" may be specific to a

9.5 / 12 pt +6%

The Physical Impossibility of Death in the Mind of Someone Living is an artwork created in 1991 by Damien Hirst, an English artist and a leading member of the "Young British Artists" (or YBA). It consists of a *preserved tiger shark submerged in formaldehyde* in a glass-panel display case. It was originally commissioned in 1991 by Charles Saatchi,

8 / 10 pt +10%

Found in South Korea, it was formally described as a new species in 2014 by lichenologists André Aptroot and Kwang-Hee Moon. *The type specimens were collected by the first author from Mabok-san mountain (Goheung County, South Jeolla Province) at altitudes between 200 and 500 m (660 and 1,640 ft); there, the lichen was overgrowing mosses that were growing on siliceous rock. It has a thin (less than 0.1 mm thick) mottled greyish and olive*

7 / 9 pt +15%

The history of the RS-25 traces back to the 1960s, when NASA's *Marshall Space Flight Center* and *Rocketdyne* were conducting a series of studies on high-pressure engines, *developed from the successful J-2 engine* used on the S-II and S-IVB upper stages of the Saturn V rocket during the Apollo program. The studies were conducted under a program to *upgrade the Saturn V engines*, which produced a design for a *350,000 lbf (1,600 kN) upper-stage engine* known as

System 7.1.2 is the first version of the *Macintosh System Software* to support Apple's new *PowerPC-based computers*. 68k applications that had not yet been updated to run natively on these systems were emulated transparently (*without the user having to intervene*) by a built-in 68k processor emulator. *Fat binaries*, which contained the code necessary to run

The *Sumerian archaic cuneiform script* closely followed by the *Egyptian hieroglyphs* are generally considered the earliest writing systems, both emerging out of their ancestral proto-literate symbol systems *from 3400 to 3200 BC*, with earliest coherent texts from about *2600 BC*. *It is generally agreed* that the

***Jellyfish, comb jellies*, and related animals have *diffuse nerve nets* rather than a *central nervous system*. In most jellyfish the nerve net is spread more or less evenly across the body; in comb jellies it is concentrated near the mouth. *The nerve nets consist of sensory neurons*, which pick up chemical, tactile, and visual signals; *motor neurons*, which can**

As of March 2023, a total of 7,124 737NG aircraft had been ordered, of which 7,101 had been delivered, with remaining orders for two -800, and 21 -800A variants. The most-ordered variant was the 737-800, with 4,991 commercial, 191 military, and 23 corporate, or a total of 5,205 aircraft. Boeing stopped assembling commercial 737NGs in 2019 and

FIGURE 5 (foldout, next page) details the resulting *management and major systems engineering products* and *control gates* that characterize the phases in NMI 7120.4 and NHB 7120.5. Sections 3.1 to 3.6 contain narrative descriptions of the *purposes, major activities, products*, and *control gates* of the NASA project life cycle phases. Section 3.7 provides a more concentrated discussion of the *role of systems engineering* in the process.

***Configuration verification* is the process of verifying that resulting products (e.g., hardware and software items) conform to the *intentions of the designers* and to the *standards established by preceding approved baselines*, and that baseline documentation is *current and accurate*. Configuration verification is accomplished by two types of control gate activity: *audits and technical reviews*. (See Section 4.8.4 for additional information on two important examples:**

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Single-story g

gǔǔǔǔ

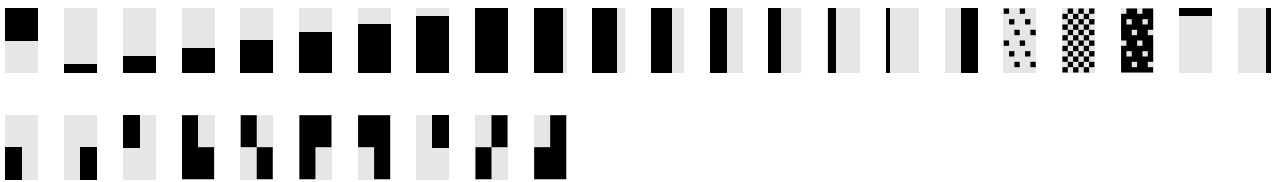
© 0 0

$$\frac{1}{2} \quad \frac{1}{3} \quad \frac{2}{3} \quad \frac{1}{4} \quad \frac{3}{4} \quad \frac{1}{8} \quad \frac{3}{8} \quad \frac{5}{8} \quad \frac{7}{8}$$

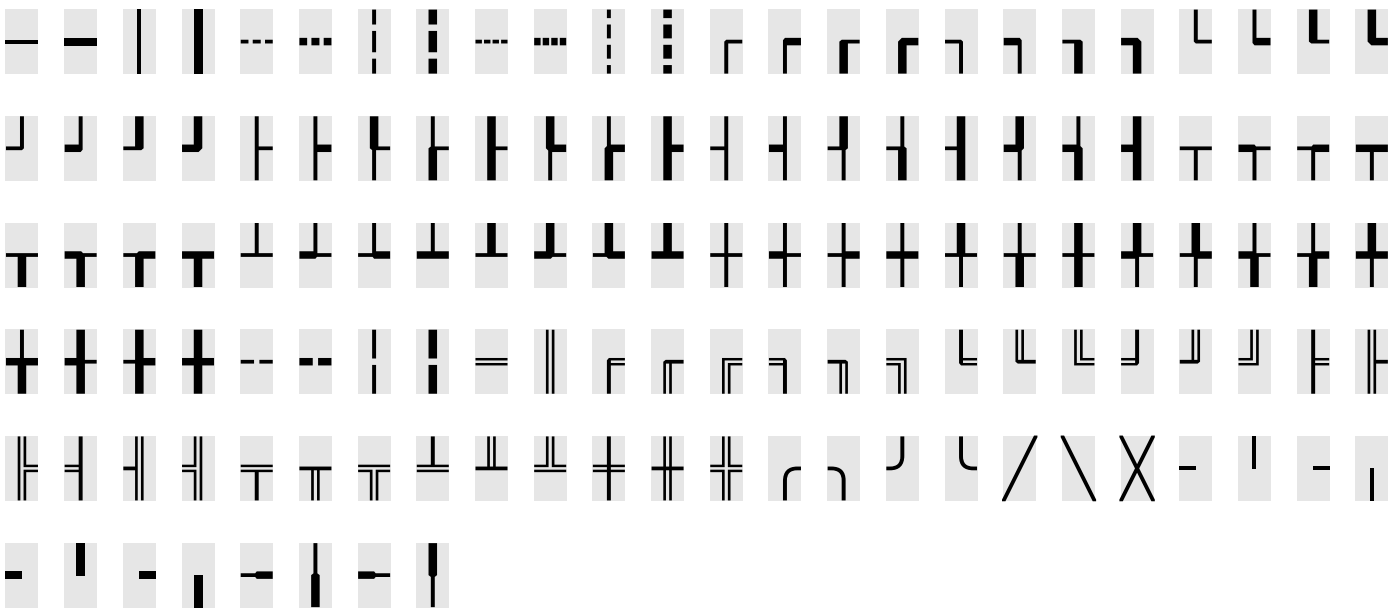
! i ? ¿ f @ & © ¢ \$ € £ ¥

i ?H?! (H) {H} [H] «H» <H> @H

Block Elements



Box Drawing





ss01* Single-story a	Catch	Catch
ss11† Double-story a	Catch	Catch
ss03 Legible Forms	Idols	Idols
ss05 Black Circled Numbers	Set 5	Set 5
loc1 Localised Forms (<i>Romanian & Moldavian; Catalan</i>)	Şţ L·L	Şţ L·L
smcp Small Caps	Design	DESIGN
c2sc Caps to Small Caps	NASA	NASA

* Romans & variable only.

† Italics & variable only.

Using OpenType Features in CSS

The four-character tags (ss01, ordn, etc.) listed next to each feature above can be used with the `font-feature-settings` CSS property to toggle the relevant feature. For instance, `font-feature-settings: "ss02";` will enable the *single-story g* stylistic set.

ss02* Single-story g	Image	Image
ss12† Double-story g	Image	Image
ss04 Circled Numbers	Set 4	Set ④
ss06 Non-slashed Zero	V1.0	V①.①
frac Arbitrary Fractions	28/49	2 ⁸ /4 ⁹
ordn Ordinals	1a 1o	1 ^a 1 ^o
onum Oldstyle Figures	28.49	28.49
case Case-Sensitive Forms	(@N1)	(@N1)
subs, sups Subscript, superscript	H20[5]	H ₂ O ^[5]



Showing 120 of a total 311 supported languages. You can view the complete list at mass-driver.com/typeface/md-system.

Afrikaans	Irish
Albanian	Italian
Asu	Javanese
Azerbaijani	Jju
Basque	Jola-Fonyi
Bemba	Kabuverdianu
Bena	Kalaallisut
Bosnian	Kalenjin
Catalan	Kamba
Cebuano	Kikuyu
Chiga	Kinyarwanda
Cognian	Kurdish
Cornish	Latvian
Corsican	Lithuanian
Croatian	Lojban
Czech	Low German
Danish	Lower Sorbian
Dutch	Luo
Embu	Luxembourgish
English	Luyia
Estonian	Machame
Faroese	Makhuwa-Meetto
Filipino	Makonde
Finnish	Malagasy
French	Malay
Friulian	Maltese
Galician	Manx
Ganda	Māori
German	Meru
Gusii	Morisyen
Hungarian	Nigerian Pidgin
Icelandic	North Ndebele
Ido	Northern Sami
Igbo	Northern Sotho
Inari Sami	Norwegian Bokmål
Indonesian	Norwegian Nynorsk
Interlingua	Nyanja

Nyankole
Occitan
Oromo
Polish
Portuguese
Romanian
Romansh
Rombo
Rundi
Rwa
Samburu
Sango
Sangu
Sardinian
Scottish Gaelic
Sena
Shambala
Shona
Slovak
Slovenian
Soga
Somali
South Ndebele
Southern Sotho
Spanish
Sundanese
Swahili
Swati
Swedish
Swiss German
Taita
Taroko
Teso
Tsonga
Tswana
Turkish
Turkmen
Upper Sorbian
Vunjo
Walloon

Walser
Welsh
Western Frisian
Wolof
Xhosa
Zulu

For languages with multiple scripts or writing systems, only the Latin is supported (unless noted otherwise).

While we take care to ensure our language support is as complete and accurate possible, we can't guarantee that every regional or language-specific variation of a glyph is included. Please [get in touch](#) if you need a custom version to better fit your language.



Styles / Instances

Style	wght ¹	slnt ²	OS/2 width/weight class
Regular	400	0	5 / 400
Italic	400	-10	5 / 400
Medium	500	0	5 / 500
Medium Italic	500	-10	5 / 500
Semibold	600	0	5 / 600
Semibold Italic	600	-10	5 / 600
Bold	700	0	5 / 700
Bold Italic	700	-10	5 / 700
Black	800	0	5 / 800
Black Italic	800	-10	5 / 800

¹ Equivalent to the CSS font-weight attribute.

² Example usage: `.italic { font-variation-settings: "slnt" -5; }`

MD System Mono Variable (Available on request)

Axis		Min	Max
Weight	(wght)	400	800
Slant	(slnt)	0	-10

Formats / Sizes

Style	Filesize	Contour Type
OTF	103–110 KB	Cubic (CFF)
WOFF2	36–39 KB	Cubic (CFF)
WOFF	40–43 KB	Cubic (CFF)
Variable TTF	149 KB	Quadratic (TTF)
Variable WOFF2	63 KB	Quadratic (TTF)
Variable WOFF	77 KB	Quadratic (TTF)

General Information

Credits	Designed by Luke Charsley & Rutherford Craze.
File Version	2.012
First Release	May 2023
Licensing	MD System Mono may be used only as permitted by the terms of the Mass-Driver End User License Agreement (EULA). https://mass-driver.com/licensing



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This specimen is intended for informational purposes only, and is not guaranteed to be free from errors (though we did our best).

Supporting text in this document is set in MD System.

Text sources: *NASA Systems Engineering Handbook* (1995 edition); *Rocketdyne F-1 Engine Familiarization Training Manual* (1967); Wikipedia.