



Smithsonian
National Museum of American History
Kenneth E. Behring Center

Guide to the Computing History Photographs

NMAH.AC.1416

Thomas Espe

2017

Archives Center, National Museum of American History
P.O. Box 37012
Suite 1100, MRC 601
Washington, D.C. 20013-7012
archivescenter@si.edu
<http://americanhistory.si.edu/archives>

Table of Contents

Collection Overview	1
Administrative Information	1
Arrangement.....	2
Scope and Contents.....	1
Names and Subjects	2
Container Listing	3

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Computing History Photographs
Identifier:	NMAH.AC.1416
Date:	1960s-1970s
Extent:	1 Cubic foot (3 boxes)
Language:	English Collection is in English.
Summary:	Collection consists of black and white and color photographs and some negatives documenting computing history Photographs document primarily individuals, equipment, and computers being used.

Administrative Information

Acquisition Information

Collection donated by Paul Ceruzzi, 2017.

Processing Information

Collection processed by Thomas Espe, intern, February 2017.

Restrictions

Collection is open for research.

Conditions Governing Use

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Scope and Contents

Many of the photographs and negatives were used in Paul E. Ceruzzi's book, *A History of Modern Computing*, 1998, covering modern computing from the development of the first electronic digital computer through the dot-com crash. Ceruzzi is a curator at the National Air and Space Museum.

Arrangement

Collection is arranged into one series alphabetically.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Computers
- Computers -- History
- Information technology

Container Listing

Box 1, Folder 1	Airline Reservations , circa 1930s/1940s
Box 1, Folder 2	Altair 8800 Computer, 1975 - 1988 Image(s)
Box 1, Folder 3	Amdahl, Gene, 1992
Box 1, Folder 4	Apollo Nav, Delco, circa 1969
Box 1, Folder 5	Apollo Guidance Computer, circa 1976
Box 1, Folder 6	AOA, undated
Box 1, Folder 7	Apple II, Macintosh, undated
Box 1, Folder 8	ARECIBO, undated
Box 1, Folder 9	ARPANET, undated Image(s)
Box 1, Folder 10	Assorted 19th/20th Century, circa 1890
Box 1, Folder 11	Assorted Abacus and Counting Instruments, circa 1975-1985
Box 1, Folder 12	Assorted Advertisements , undated Image(s)
Box 1, Folder 13	Assorted Circuitry , undated
Box 1, Folder 14	Assorted Computers, circa 1962-1988 Image(s)
Box 1, Folder 15	Assorted Machines, undated
Box 1, Folder 16	Assorted NASA/Apollo, circa 1989-1992
Box 1, Folder 17	Assorted Portraits , circa 1990
Box 1, Folder 18	Assorted Random , undated
Box 1, Folder 19	Atansoff-Berry Computer, undated
Box 1, Folder 20	Atlas Guidance Computer CBI, undated
Box 1, Folder 21	<i>Automation Magazine</i> (front cover) HP-65 Calculator Widow, 1975
Box 1, Folder 22	Auto Sequence Controlled Calculator, circa 1944-1970
Box 1, Folder 23	Basic Paper Tape, 1995

[Image\(s\)](#)

Box 1, Folder 24	BBN/GTE, undated
Box 1, Folder 25	Bell Laboratories Record, 1939 - 1940
Box 1, Folder 26	BINAC, circa 1972
Box 1, Folder 27	BINAC, Eckert-Mauchly Computer Company, circa 1949
Box 1, Folder 28	Black Box--Flight Data Recorder, circa 1996
Box 1, Folder 29	Block Diagram of The Computer, undated
Box 1, Folder 30	Block Diagram-The Computer Space, undated
Box 1, Folder 31	BOMBE, undated
Box 1, Folder 32	BOWMAR, circa 1989-1996
Box 1, Folder 33	<i>BYTE Magazine</i> Cover, 1977 Image(s)
Box 1, Folder 34	CAD/CRM Workshop, undated
Box 1, Folder 35	Canal Lock, undated
Box 1, Folder 36	CDC160 CBI, undated
Box 1, Folder 37	Comptometer, circa 1982
Box 1, Folder 38	Computational Fluid Dynamics, undated
Box 1, Folder 39	Computer Museum, 1992
Box 1, Folder 40	Control Data Computer Systems, 1964 - 1990
Box 1, Folder 41	Core Rope--Apollo, Raytheon, 1963
Box 1, Folder 42	Control Panel--Bell Telephone Laboratories Model 5 Computer, 1951
Box 1, Folder 43	Core Memory, circa 1953-1954
Box 1, Folder 44	CPU Block Diagram, undated
Box 1, Folder 45	Cray-1 Computer, 1994
Box 1, Folder 46	Cray-1 Supercomputer, undated
Box 1, Folder 47	Cray-2 Supercomputer , undated
Box 1, Folder 48	Cray X-MP Computer, undated

Box 1, Folder 49	Cray Y-MP Computer, 1990
Box 1, Folder 50	Data Collection--Rocket Engine, circa 1950s
Box 1, Folder 51	Datapoint 1100 Terminal, CBI, undated
Box 1, Folder 52	Data General Nova Circuit Board CBI , circa 1998
Box 1, Folder 53	DEC employee + PDP-6, undated Image(s)
Box 1, Folder 54	DEC Manuals, undated
Box 1, Folder 55	DEC Modules, undated
Box 1, Folder 56	DEC Headquarters "The Mill" PDP-6 , circa 1993
Box 1, Folder 57	Draper, Charles "Shoebox" , circa 1993-1999
Box 2, Folder 1	Enigma, 1990
Box 2, Folder 2	ENIAC, undated
Box 2, Folder 3	ERMA, undated
Box 2, Folder 4	Flight Simulator--Secure Generator, undated
Box 2, Folder 5	Flight Simulator, F86-D, undated
Box 2, Folder 6	Flip-Chip, Digital Equipment Corporation, undated
Box 2, Folder 7	Finite Element Analysis , undated
Box 2, Folder 8	Flyball Governor , 1971
Box 2, Folder 9	Forrester, J. The Whirlwind Computer , undated
Box 2, Folder 10	Fortran Coding Forms , undated
Box 2, Folder 11	Gemini Guidance Computer, undated
Box 2, Folder 12	Girant Brains, Goodyear STARAN, Gossamer Aebatross, undated
Box 2, Folder 13	Grosch, Herbert, circa 1955 Image(s)
Box 2, Folder 14	Hall, Eldon, undated
Box 2, Folder 15	Hand and Machine Calculation, undated
Box 2, Folder 16	Harvard Mk. III Programming Console, undated

Box 2, Folder 17	Helicopter Flight Simulator Software, Hetzfeld, Andy , undated
Box 2, Folder 18	Hollerith Machine, undated
Box 2, Folder 19	HP Calculator, circa 1983-1989
Box 2, Folder 20	Hughes Airborne Digital Computer, 1957 - 1984
Box 2, Folder 21	IBM, undated
Box 2, Folder 22	IBM 360 Computer , circa 1990-1992
Box 2, Folder 23	IBM 701 Computer, undated
Box 2, Folder 24	IBM 704, undated
Box 2, Folder 25	IBM 704 Core Memory, undated
Box 2, Folder 26	IBM 1401 Computer, undated
Box 2, Folder 27	IBM 7090/7094 , 1950 - 1994 Image(s)
Box 2, Folder 28	IBM 9020 Pix, undated
Box 2, Folder 29	IBM Card-Programmed Calculator, 1949
Box 2, Folder 30	IBM Relay Calculator, undated
Box 2, Folder 31	Imsai 8080, 1992
Box 2, Folder 32	Intel 1103 Memory Chip (NOVA) CBI, undated Image(s)
Box 2, Folder 33	Intel 8080a Chip, circa 1975
Box 2, Folder 34	Intellec 4+8, undated
Box 2, Folder 35	Johnniac Computer, undated
Box 2, Folder 36	JOSS Terminal, undated
Box 2, Folder 37	Joy, Bill Kemeny, J. Kennedy, J. F., 1962 - 1996 Image(s)
Box 2, Folder 38	Kildall, Gary, 1982 - 1997
Box 2, Folder 39	Link Trainer Flight Simulator, undated
Box 2, Folder 40	Lofting Room, undated

Box 2, Folder 41	Magnetic Drum Storage, 1953
Box 2, Folder 42	Mail Sorting Room Sears Roebuck, undated
Box 2, Folder 43	Memory Test Computer, undated
Box 2, Folder 44	Microsoft , 1978
Box 2, Folder 45	MicroVAX Computer , undated
Box 2, Folder 46	Minuteman Guidance Computer, undated
Box 2, Folder 47	Mini, Austin, 1967
Box 2, Folder 48	Network Maps, 1963
Box 2, Folder 49	Newman, Ted (NRAO New York Stock Exchange), circa 1853-1992
Box 2, Folder 50	North America Aviation Computer Installation, circa 1937
Box 2, Folder 51	NOVA , undated
Box 3, Folder 1	Operating System, circa 1964-1998
Box 3, Folder 2	Osborne, 1986
Box 3, Folder 3	Patents--Chip Microprocessor-Kilby/Noyce, circa1961-2011
Box 3, Folder 4	PDP-7 Computer, undated
Box 3, Folder 5	PDP-8 Computer Original CBI, undated
Box 3, Folder 6	PDP-8/E CBI, undated
Box 3, Folder 7	PDP-10 CBI, undated
Box 3, Folder 8	Pictoral Calendar, 1989
Box 3, Folder 9	Planar Transistor , 1959
Box 3, Folder 9A	Planetarium Projector (Einstein Spacearium), 1976
Box 3, Folder 10	"Plato" CBI, circa 2003 Image(s)
Box 3, Folder 11	Pritkin, Nathan , undated
Box 3, Folder 12	Punched Card Installation, IBM Card, undated Image(s)
Box 3, Folder 13	<i>Radio Electronics Magazine</i> , 1973

Box 3, Folder 14	Rand Corporation (video history), 1990
Box 3, Folder 15	Rand Corporation (tablet), undated
Box 3, Folder 16	Rand Corporation (videographics terminal), undated
Box 3, Folder 17	RCA-Spectra 70, 1967
Box 3, Folder 18	REAC- Analog Computer, undated
Box 3, Folder 19	RISC, 1991 Image(s)
Box 3, Folder 20	SAGE, circa 1953-1960
Box 3, Folder 21	SAGE, 1960
Box 3, Folder 22	Selection Memory Tube, 1960
Box 3, Folder 23	Silicon Graphics IRIS Workstation, undated
Box 3, Folder 24	Sketchpad Computer Program, undated
Box 3, Folder 25	Solid Logic Technology (vacuum tubes from Deutches Museum), undated
Box 3, Folder 26	Software/Hardware graph, 1973 Image(s)
Box 3, Folder 27	Southern California Computer Installation, undated
Box 3, Folder 28	2001 Space Odyssey, undated
Box 3, Folder 29	STARAN, 1994
Box 3, Folder 30	Sun Workstation, 1992
Box 3, Folder 31	Teletype-"ASR-33", undated Image(s)
Box 3, Folder 32	Texas Instruments Sr-10, 1989
Box 3, Folder 33	Tower of Babel, undated
Box 3, Folder 34	TRADIC, circa 1953-1992
Box 3, Folder 35	TRS80 Model 100 Computer, undated Image(s)
Box 3, Folder 36	Univac I Computer, circa 1990-1997
Box 3, Folder 37	Univac 1108 , undated

Box 3, Folder 38	Univac NTDS, circa 1962-1998
Box 3, Folder 39	V-2 Inertial Guidance System, 1990
Box 3, Folder 40	V-2 Mixing Computer, 1942
Box 3, Folder 41	Viatron CBI, undated
Box 3, Folder 42	VAX 11/780 and 11/750 Computers, 1991
Box 3, Folder 43	Wang WPS CBI, undated Image(s)
Box 3, Folder 44	Whirlwind Computer, undated
Box 3, Folder 45	Women Computers, Bailey, Jim, 1988 - 1995
Box 3, Folder 46	XEROX- ALTO, 1990
Box 3, Folder 47	Z-3 Reconstruction, Z-4 Computer, circa 1960
Box 3, Folder 48	Zuse, Konrad, 1991