



Smithsonian

*National Museum of American History Kenneth E. Behring Center*

## James J. Childs Numerical Control Collection

NMAH.AC.0420

Craig A. Orr

1992

Archives Center, National Museum of American History

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	James J. Childs Numerical Control Collection
<b>Date:</b>	1952-1991
<b>Identifier:</b>	NMAH.AC.0420
<b>Creator:</b>	Childs, James J., 1926-
<b>Extent:</b>	55 Cubic feet (132 boxes)
<b>Language:</b>	English .

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## Administrative Information

### Immediate Source of Acquisition

Collection donated by James J. Childs.

### Processing Information

This collection was processed by Craig A. Orr, archivist.

### Preferred Citation

James J. Childs Numerical Control Collection, 1952-1991, Archives Center, National Museum of American History.

### Restrictions on Access

Collection open for research on site by appointment. Unprotected photographs must be handled with gloves.

### Terms Governing Use and Reproduction

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.

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## Biographical Note

Expert in the field of numerical control, has served as a consultant to U.S. Government agencies on the subject.

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## Scope and Contents

Archival materials, including correspondence, photographs, and drawings relating to the field of numerical control of machinery; also a large quantity of printed material, especially trade catalogs and trade literature.

## Arrangement

Divided into 3 series.

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## Names and Subject Terms

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

Subjects:

Numerical control

Types of Materials:

Correspondence -- 20th century

Design drawings

Photographs -- 20th century

Trade catalogs

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## Container Listing

### Series 1: "Smith 1"

Box 1	A-AIA: NC Historical Data
Box 2	AIA Equipment at various plants-Aircraft Industries Assoc.
Box 3	Boeing-American Machinist Magazine
Box 4	ASTME N/C Seminar, 1963-American Management Assoc.
Box 5	ASTME General-APT
Box 6	AIA Drafting Panel American Standards Assoc.
Box 7	Autonetics (North American)-Bendix Aviation Corp.
Box 8	Bendix-Boeing
Box 9	Bendix Industrial Controls-Bullard
Box 10	Burgmaster-Carlton Machine Tool Co.
Box 11	Centre Circuits-Cincinnati Lathe & Tool Co.
Box 12	Cincinnati Lathe & Tool Co.
Box 13	Cinn Gilbert-Competitive review
Box 14	Computers General-Devlieg
Box 15	Diatrol [?]-John Diebold & Associates
Box 16	Editape-Excello
Box 17	Franklin Institute
Box 18	Fosdick-General Electric
Box 19	General Electric
Box 20	General Electric-Gisholt Machine
Box 21	Gorton-Honeycomb

Box 22	Howe & Fant, Inc.-IBM
Box 23	Inspection Machine-K
Box 24	K. & T.-Lodge & Shipley
Box 25	Lucas-Machinery & Allied Products
Box 26	[Magazines] Misc. Magazine Articles
Box 27	Very Old Stuff [1964 1967] MFG EHG Comeil (CLED)
Box 28	Market-Metalworking Magazine
Box 29	Monarch-National Machine Tool Builders Assoc.
Box 30	National Machine Tool Builders Association-P
Box 31	Onsrud-[Pratt & Whitney Catalogs]
Box 32	[Pratt & Whitney catalogs]
Box 33	Printed circuits-R
Box 34	Republic Aviation Corp.-Remington Rand
Box 35	Remington Rand-RHEEM
Box 36	Richlin-Sorban Engineering, Inc.
Box 37	Sperry Rand-Steffan Mfg.
Box 38	Strippit-Sundstrand
Box 39	Superior Electric-TRW
Box 40	TRW [Bunker Ramo Systems]
Box 41	[TRW]-W
Box 42	Wales [Sundstrand]
Box 43	Westinghouse PRODAC-Y

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## Series 2: "Smith 2" Listing

Box 44	[Miscellaneous] [Adaptive Control]
Box 45	[Adaptive Control]
Box 46	[Foreign Catalogs]
Box 47	[Foreign Catalogs]
Box 48	[Foreign Developments]
Box 49	Rohm Wheatley [Foreign Developments]

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## Series 3: "Smith 3" Listing

Box 1	Modern Machine Shop, 1970 1984 (incomplete)
Box 1	Economic Handbook of the Machine Tool Industry,
Box 2	APT Dictionary
Box 2	APT Encyclopedia
Box 2	Honeywell APT Programming Dictionary
Box 3	Proceedings of the Numerical Control Society, 6th (1969), 14th (1977)
Box 4	Proceedings of the NCS, 16th (1979) 20th (1983)
Box 5	Proceedings of AIM Tech, 22nd (1985) & 24th (1987)
Box 5	NCS, Directory of Members,
Box 5	Numerical Control: A Bibliography 1968 Automation Trends Survey & Forecast Management Guide to NC
Box 6	Directory of Machine Tools Built by Members of the National Machine Tool Building Association(incomplete)
Box 6	1982 Census of Canada's Numerical Controlled Machine Tools
Box 6	American Machinist 100th Anniversary Issue
Box 6	American Machinist Metalworking Guide for Sales Executives,
Box 6	American Machinist Inventory of Metalworking Equipment,
Box 6	U.S. Dept. of Commerce, Industry Trend Metal and Fabricated Metal Products Manufacturing
Box 7	Remainder of "Smith 3" box #6 (Mainly UNIVACAPT Dictionary; other programming language manuals; Commerce Dept. report; other misc. material
Box 8	17 issues of N/C World magazine
Box 8	G. Oling Dissertation
Box 8	Arthur D. Little Reports
Box 9	Continuation of "Smith 3" Box #1 (Directories; NMTBA Shows 1965; ARDC Production Design Handbook; Futuremill file; Mailing List



Box 10	Continuation of "Smith 3" Box #1
Box 11	1974 IMTS Show Directory of Exhibits
Box 11	U.S. Army Lathe Language Study
Box 11	AIA & NMTBA Panel Meeting
Box 11	Beginning of "Smith 3" Box #2
Box 12	Continuation of "Smith 3" Box #2
Box 13	Continuation of "Smith 3" Box #2
Box 14	All of "Smith 3" Box #3
Box 15	Beginning of "Smith 3" Box #4
Box 16	Remainder of "Smith 3" Box #4 (up to blue & gray 3 ring notebook)
Box 16	Beginning of "Smith 3" Box #5
Box 17	Remainder of "Smith 3" Box #5
Box 18	Slides from "Smith 3" Box #5 thick brown "Bendix" file

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