

Center for Application of Sciences and Technology (CAST)

**Papers, 1961-1971
(Predominantly, 1963-1968)**

**29 linear feet
29 storage boxes**

Accession Number 173

OCLC #

DALNET #

The records for the Center for Application of Sciences and Technology (CAST) were placed in the Archives by Director Robert Jones, 1968, Director Arthur D. Evens, 1971, and Robert Booth, 1973. The records deposited by Evens and Booth were originally accessioned as part of CAST's successor program, Science and Technology Information Center (STIC). Evens was director of STIC. Booth was in charge of the Department of Information Services.

CAST was organized in August, 1963 under the direction of Bruce W. Pinc. The Center soon fell under the Division of Urban Extension (DUE) which linked the teaching and research resources of the University and the community. CAST program advice was given by the Industrial Advisory Board (IAB) and the University Advisory Council (UAC). Funding for the Center was primarily contract support from National Aeronautics and Space Administration (NASA) and supplementary contract support from the Michigan Legislature through the Michigan Department of Economic Expansion. In addition there was a client-fee subscription program instituted after the first year of operation. The NASA contract was terminated in 1968.

CAST was created as a result of a research study program, in 1962, and funded in part by the NASA. The study emphasized the special nature of scientific and technological information and the need for its rational use. CAST's objective was to stimulate and accelerate the development of the Michigan economic, social, and cultural systems through the effective use of information. CAST accelerated the deliberate transfer of scientific and technical information, principally that generated by federally-sponsored scientific and technical programs, to the civilian community.

Cast evaluated thousands of research documents created by NASA centers, and found ways for local companies to adapt this information to their materials, processes, and products. The bulk of these research documents arrived at the CAST offices on magnetic tape, microfilms and abstracts. Through the facilities of the Computing and Data Processing Center, the magnetic tapes were searched for citations of documents concerning a specific area of interest.

To further facilitate the transfer of information to the community, CAST produced several publications such as the *Metal Joining Digest*, *Water Pollution Digest*, *Water Quality Control Digest*, *Surface Coatings Digest*, *Information Sampler Digest*, and *Air Quality Control Digest*. CAST also sent out newsletters and notices of current research finds that might be of interest to their clients.

Important subjects and correspondents in the collection:

Aeronautic Research	Russell E. Bauer
Automobile Industry, Detroit	John H. Bigelow
Burroughs Corporation	Philip J. Borden
Chemical Abstract Services	Earl E. Borseth
Chrysler Corporation	Aurthur D. Evens
Detroit, City of	Clarence B. Hillberry
Edison Electric Institute	Robert Jones
Ford Motor Company	Breene Kerr (NASA)
General Motors Corporation	Winston E. Kock (NASA)
Institute for Applied Chemistry and Physics (IACP)	Thomas F. Morrow
Japanese Information Center	Bruce W. Pinc
Kelsey-Hayes	Paul W. Robson
Ling Temco Vought	Henry S. Rudy
Michigan Department of Economic Expansion	Hamilton Stillwell
Michigan Manufacturing/Industry	Richard Tisher (NASA)
National Aeronautics and Space Administration (NASA)	Randall M. Whaley
Small Business Administration	
State Technical Services Program (Michigan and U.S.)	
U.S. Air Force	
U.S. Rubber	
University Advisory Committee (UAC)	
Urban Planning	
Urban Extension, Division of	
Wolverine Shoe and Tanning Corporation	

Non-manuscript material:

One half box of photographs have been placed in the Archives Audio-Visual Collection. Annual reports, minutes, and publications of the University have been placed in the Library.

PLEASE NOTE: Folders are computer-arranged alphabetically in the finding aid, but may actually be dispersed throughout several boxes in the collection. Note carefully the box number for each folder heading. A folder-by-folder listing of the boxes in this collection is also available upon request.

Box-Folder	Folder heading
13-8	A.C. Flint; requests for information, 1965
13-9	A.C. Milwaukee; requests for information, 1964-65
3-10	A.F. Holden Co.; reports, 1964
23-21	AART; city of Detroit; supplement #3, 1965-67
24-35	AART; correspondence relating to NASA proposal, 1963 May-1964 Jan
24-38	AART; paper preliminary to a proposal to NASA
23-19	AART; proposal to NASA for CY, 1964
23-20	AART; proposal to NASA for CY; supplement #2, 1966
23-22	AART; seminars & workshops; supplement #4, 1965 Nov
24-36	AART; space/defense corporations subcontract, 1964
23-23	AART; university programs; supplement #5, 1965 Nov
24-37	AART/NASA; correspondence, 1963-65
5-38	Academic Interaction, 1964-65
5-39	Academic Interaction, 1964-65
18-36	Acromag, Incorporated; correspondence, 1966-67
1-15	Activity reports, 1964 Aug
1-19	Activity reports, 1964 Dec
1-14	Activity reports, 1964 Jul
1-13	Activity reports, 1964 Jun
1-18	Activity reports, 1964 Nov
1-17	Activity reports, 1964 Oct
1-16	Activity reports, 1964 Sep
1-22	Activity reports, 1965 Apr
1-26	Activity reports, 1965 Aug
1-21	Activity reports, 1965 Feb
1-20	Activity reports, 1965 Jan
1-25	Activity reports, 1965 Jul
1-24	Activity reports, 1965 Jun
1-23	Activity reports, 1965 May
1-27	Activity reports, 1965 Sep
22-17	ADP; inventory and seminar planning committee, 1967 May 17
10-12	Adrian college, 1963
9-21	Advance Glove Manufacturing company; Requests for Information, 1965
2-12	Advanced Technology to Resolve Urban Problems, 1965
25-14	Aerospace Research Applications Center, 1963
22-7	Aerospace Research Applications Center, 1963-64
22-6	Aerospace Research Applications Center, 1964
22-5	Aerospace Research Applications Center, 1965-66
8-15	Aerospace Research Applications Center; publications, 1963
8-14	Aerospace Research Applications Center; reports, 1965
29-14	Aerospace Research Applications Center; services to member companies, 1963 Oct
8-11	Aerospace Science and Technology for regional Advancement/Midwest Research Institute, 1964
23-25	AILSA; Aerospace Industrial Life Sciences Association, 1966-67

10-3 Air Force Technical Objective Documents, 1968
 10-11 Albion College, 1963
 18-35 Allis-Chalmers; bibliographic searches, 1966-67
 10-10 Alpena Community College, 1963
 23-18 Amendment to AART Life Sciences Exploitation Analysis Program;
 related correspondence, 1965

Box-Folder Folder heading

23-17 Amendment to AART Life Sciences Exploitation Analysis Program;
 Proposal, 1965-68
 21-6 American Academy of Transportation; correspondence, 1965-67
 2-8 American Institute of Industrial Engineering, 1962-63
 2-7 American Institute of Industrial Engineering, 1963
 2-20 AMTC Executive Seminar, 1964-66
 26-22 Analysis of STAR and IAA Information, 1964-65
 17-8 Annual report, 1969
 5-9 Annual Report; CAST, 1965
 25-20 Annual Report; list of names and addresses, 1966
 10-22 Annual Report Meeting; CAST, 1966
 10-23 Annual Report Meeting; CAST; speeches, 1966
 6-6 Annual Review; CAST Report, 1964
 6-13 Application Engineer's List of Participating Companies, 1964
 6-11 Application Engineering, 1964-65
 6-12 Application Engineering, 1964-65
 6-14 Application Engineering; Michigan Technological University, Department
 of Physics, 1965
 15-15 Application Engineering Services; correspondence, 1964 Jan-Sep
 15-16 Application Engineering Services; correspondence, 1964 Oct-Dec
 15-17 Application Engineering Services; correspondence, 1965 Jan-Feb
 15-18 Application Engineering Services; correspondence, 1965 Mar-Apr
 6-15 Application Engineering; technical inquiries, 1964-66
 23-10 Application of Aerospace Related Technology; reports, 1965
 22-8 Applications of Technology, 1966-68
 10-1 Applied Management and Technology Center, 1964
 9-36 Applied Management and Technology Center, 1965
 28-8 Applied Management and Technology Center, 1968-69
 5-32 Applied Management Technology Center, 1964-65
 16-1 Applied Space Technology = Regional Advancement(ASTRA), n.d.
 20-10 Architectural Information, 1966
 18-37 Army Electronics Command; CAST Proposal, 1966
 18-18 Army Tank-Automotive Center, 1965-66
 2-3 Articles; Magazine, 1966
 2-4 Articles; Michigan, 1964-65
 2-2 Articles; newspaper, 1964-66
 1-29 Articles; Wayne State University, 1964
 13-20 Atomic Power Development Associates; requests for information, 1964-65

- 20-23 Automation/Forster, 1968
- 17-1 Automation/Forster, Inc.; correspondence, 1968

- 18-16 Background materials, 1964-65
- 25-23 BAST biography 1967
- 12-36 Bell and Howell company Abstract Search, 1965
- 22-29 Bendix Corporation, 1966-67
- 22-30 Bendix Corporation, 1966-67
- 3-27 Bibliography and related information, 1964-65
- 29-10 Bibliography of Aerospace Bibliographies, 1964
- 25-17 Bibliography of bibliographies requested, 1965
- 16-2 Bibliography on management; Borseth, Earl, 1965 Apr 26
- 23-8 Bigelow, John; Office files, 1966-68

Box-Folder**Folder heading**

- 23-9 Bigelow, John; Office files, 1966-69
- 23-7 Bigelow, John; weekly reports, 1968
- 17-12 Bigelow's Mailing List of Universities, 1967-68
- 8-19 Bio-systems Evaluation, 1965
- 6-16 Biographical Sketches; CAST Personnel, 1964
- 10-17 Biographies of Companies; Aeroquip-American Tape, 1963
- 10-18 Biographies of Companies; Ash Stevens-Clark Equipment, 1963
- 10-19 Biographies of Companies; Conductron-Dow Chemical, 1963
- 10-20 Biographies of Companies; Ervin Foundry and Manufacturing - Michigan Dynamics, 1963
- 10-21 Biographies of Companies; Omni-Spectra to Tecumseh Products, 1963
- 13-25 Black and Decker, 1965
- 1-2 Blank forms, n.d.
- 29-13 Booth, Robert E; speeches and paper, 1964
- 26-34 Borden, Philip; correspondence, 1966
- 5-17 Borden, Philip J.; CAST evaluations, 1965
- 4-8 Borden, Philip J; correspondence, 1964-65
- 3-29 Borden, Philip J.; correspondence, 1965
- 27-22 Borden, Philip J; correspondence, 1965
- 3-35 Borden, Philip J.; evaluation notes, n.d.
- 4-1 Borden, Philip J.; information, 1963-65
- 3-33 Borden, Philip J.; interview of Randall M. Whaley, 1965
- 3-31 Borden, Philip J.; minutes, 1965
- 3-34 Borden, Philip J.; miscellaneous interviews, n.d.
- 3-30 Borden, Philip J.; miscellaneous notes, memos, and reports, 1965
- 3-28 Borden, Philip J.; Preparation for speech, 1965 Apr 4
- 13-4 Borseth, Earl; correspondence, 1967
- 2-15 Borseth, Earl E.; WSU meeting, 1965-66
- 13-3 Borseth, Earl; notes, 1966
- 13-5 Borseth, Earl; weekly reports, 1966-67
- 18-6 Brazing Alloys; Bibliography, 1965

- 18-5 Brooks and Perkins Company; Initial Contact, 1965
- 9-22 Budd Company, The; request for information, 1965
- 16-3 Bunker-Ramo Corporation, 1965
- 10-24 Bunker-Ramo Corporation; correspondence, 1965-67
- 10-25 Bunker-Ramo Corporation; financial, 1965
- 16-21 Bunker-Ramo; correspondence, 1965-66
- 7-18 Bunker-Ramo Performance Review, 1965-66
- 18-31 Burroughs Corporation; Correspondence
- 10-33 Business and industrial support; contributions, 1963-64
- 10-32 Business and industrial support; correspondence, 1964-65

- 22-21 Car Safety Studies; Ryan, James J., 1960
- 1-3 Case histories, 1965
- 10-16 Case History Information Contributors, n.d.
- 7-19 CAST and ARAC Evaluation Procedures, n.d.
- 16-4 CAST Annual Program Review, 1965 Jan 21
- 14-31 CAST Annual Review; correspondence, 1965 Jan
- 14-32 CAST Annual Review; invitations, 1965 Jan
- 14-33 CAST Annual Review; invitations to participating companies, 1965 Jan
- 14-34 CAST Annual Review; logistics, 1965 Jan

Box-Folder Folder heading

- 14-35 CAST Annual Review; master copies, 1965 Jan
 - 14-36 CAST Annual Review; negative replies, 1965 Jan
 - 14-37 CAST Annual Review; registration forms, 1965 Jan
 - 27-3 CAST; article; "The Uses of Technology and Information", 1965 Jun
 - 17-24 CAST; articles, 1967
 - 16-5 CAST Biography, 1964
 - 13-1 CAST Biography, n.d.
 - 26-19 CAST; building survey, 1966-68
 - 3-5 CAST business and industrial support; general correspondence, 1963
 - 3-6 CAST business and industrial support; lists, background information prepared, drafts, etc., 1963
 - 4-4 CAST chronology, 1963
 - 13-2 CAST; correspondence; organizational problems, 1965
 - 19-8 CAST Cumulative Report to NASA, 1965 Feb 15
 - 19-9 CAST Cumulative Report to NASA, 1965 Feb 15
 - 26-6 CAST description, 1966
 - 29-18 CAST; description of organization, n.d.
 - 7-20 CAST Descriptive Information, 1966
 - 18-38 CAST; Design for a Community Impact Analysis by Robert J. Mowitz,
- n.d.
- 10-34 CAST Expenditures, 1965 Jan-Dec
 - 16-36 CAST final report to NASA, 1966
 - 16-37 CAST final report to NASA, 1966
 - 13-15 CAST General Awareness Program; Document Order Form, 1966

13-14 CAST General Awareness Program; newsletter, 1967
 27-21 CAST; history, 1963-66
 29-27 CAST; History; Borden, Philip, 1966
 5-16 CAST Information, 1963, 1966
 27-19 CAST; information resources, 1967
 5-23 CAST Interviews, 1964
 5-22 CAST Introduction, n.d.
 27-26 CAST; miscellaneous, 1964-66
 29-12 CAST; miscellaneous, 1965
 16-6 CAST Miscellaneous, c1964
 16-7 CAST Monthly and Weekly Reports, 1964-65
 5-19 CAST monthly reports, 1964-65
 8-18 CAST - NASA Contract, 1965-66
 8-17 CAST - NASA Contract, 1966-67
 8-28 CAST Oral History Project, 1963
 9-29 CAST orders for information, 1966
 16-30 CAST; Organization, 1964
 29-11 CAST; organization, 1964-65
 27-1 CAST; organization, 1966
 20-16 CAST; organization, 1966
 28-4 CAST; organization, 1967
 17-20 CAST Organization and Job Descriptions, 1965-66
 28-36 CAST; organization and problems, 1967 Aug
 2-16 CAST Participants, 1964
 2-17 CAST Participants, 1964
 29-9 CAST; procedures, 1965
 16-8 CAST Progress Report, 1964 Mar 9
 27-23 CAST; progress report, 1964 Mar 9

Box-Folder Folder heading

25-29 CAST; proposal, 1966
 25-9 CAST; proposal, n.d.
 7-13 CAST Proposal; Improvement of Municipal Services, 1965 Aug 1
 7-15 CAST Proposal; Information; Transportation Systems, n.d.
 23-24 CAST proposal; outline, 1966
 7-30 CAST Proposal to State of Michigan, 1963 Jan 28
 29-21 CAST; proposals, 1963
 29-4 CAST; Reading File, 1968 Aug-Dec
 29-6 CAST; Reading File, 1969 Apr-Aug
 29-5 CAST; Reading File, 1969 Jan-Mar
 29-7 CAST; Reading File, 1969 Sep-Nov
 27-16 CAST reorganization, 1967
 16-9 CAST Report, 1964
 9-30 CAST Reports, 1967
 27-25 CAST; reports to NASA, 1964-1965
 29-24 CAST; reports to NASA, 1968-69

- 27-17 CAST; sales kits, 1968 Jul
- 1-4 CAST services, n.d.
- 20-27 CAST services and fees, 1965-67
- 27-2 CAST; speech on organization and services, 1966
- 5-40 CAST Studies, 1963
- 5-41 CAST Studies, 1963
- 9-23 CBL Manufacturing Company; request for information, 1964-65
- 24-16 Centennial committee, 1965 Sep-67 Feb
- 10-9 Central Michigan University, 1963
- 28-41 Central Michigan University; Technology Research Application Program, 1964
- 5-35 Changes in Science and Technology Curricula; articles, 1964
- 26-15 Characteristics of Foamed Plastics Under Dynamic Loading; Einhorn, Irving, 1964 Sep
- 26-26 Chemical Abstract Service, 1965-66
- 26-36 Chemical Abstract Service, 1966
- 26-25 Chemical Abstract Service meeting, 1965
- 26-35 Chemical Abstract Service; report, 1966
- 26-23 Chemical Abstract Service-CAST Meeting, 1967 Apr 24
- 27-27 Chemical Abstract Services, 1965-66
- 23-27 Chemical Abstract Services, 1967
- 16-23 Chemical Abstracts, 1965-67
- 25-19 Chemical Titles Manual, 1965-66
- 26-27 Chemical Titles; manual project, 1966-67
- 25-18 Chemical-Biological Activities Manual, n.d.
- 28-31 Chemical-Related Information, 1966
- 13-10 Chevrolet; manufacturing research, 1965
- 13-11 Chevrolet; quality control; requests for information, 1965
- 12-14 Chronological file of CAST activity, 1966 Apr
- 12-18 Chronological file of CAST activity, 1966 Aug
- 12-22 Chronological file of CAST activity, 1966 Dec
- 12-12 Chronological file of CAST activity, 1966 Feb
- 12-17 Chronological file of CAST activity, 1966 Jul
- 12-16 Chronological file of CAST activity, 1966 Jun
- 12-13 Chronological file of CAST activity, 1966 Mar

Box-Folder Folder heading

- 12-15 Chronological file of CAST activity, 1966 May
- 12-21 Chronological file of CAST activity, 1966 Nov
- 12-20 Chronological file of CAST activity, 1966 Oct
- 12-19 Chronological file of CAST activity, 1966 Sep
- 12-26 Chronological file of CAST activity, 1967 Apr
- 12-24 Chronological file of CAST activity, 1967 Feb
- 12-23 Chronological file of CAST activity, 1967 Jan
- 12-28 Chronological file of CAST activity, 1967 Jun
- 12-25 Chronological file of CAST activity, 1967 Mar

- 12-27 Chronological file of CAST activity, 1967 May
 - 18-45 Chrysler Corporation; advanced manufacturing development committee, 1965 Jun 7
 - 18-43 Chrysler Corporation; correspondence, 1964-67
 - 8-1 Chrysler Corporation; Information Requests; correspondence, 1965-66
 - 9-26 Chrysler Corporation; request for information, 1964-65
 - 9-33 Chrysler Corporation; request for information, 1964-65
 - 9-31 Chrysler Corporation; request for information, 1965
 - 10-2 Chrysler Corporation; request for information, 1965-66
 - 9-25 Chrysler Corporation; request for information, 1965-66
 - 9-27 Chrysler Corporation; request for information, 1965-66
 - 9-28 Chrysler Corporation; request for information, 1965-66
 - 9-32 Chrysler Corporation; request for information, 1965-66
 - 8-2 Chrysler Corporation; Requests for Information, 1965
 - 8-3 Chrysler Corporation; Requests for Information, 1965
 - 8-4 Chrysler Corporation; Requests for Information, 1965
 - 18-44 Chrysler Corporation; systems concept for utilization of technical information, 1965
 - 25-13 Clearing House Material, 1965-66
 - 12-29 Clearinghouse for Federal Scientific and Technical Information, 1965
 - 12-30 Clearinghouse for Federal Scientific and Technical Information, 1966 Jan-Jun
 - 12-31 Clearinghouse for Federal Scientific and Technical Information, 1966 Jul-Dec
 - 12-32 Clearinghouse for Federal Scientific and Technical Information, 1967 Apr-May
 - 28-11 Clearinghouse; information, 1968
 - 18-30 Clifford VanBuskirk; Grant and Contract Officer, 1964-67
 - 8-25 Clipping File; CAST Articles, 1965
 - 5-36 Clipping File; Wayne News (non-Cast), 1964
 - 8-24 Clipping File; WSU-CAST related, 1964-65
 - 26-21 College and University Technical Services Council Meeting; State Services Program, 1968-69
- Technical
- 10-15 Colleges and Universities; general background information, 1962
 - 10-13 Community college and Technical Institute, 1963
 - 11-46 Community Industrial Development Corporations, 1963
 - 11-54 Computer Search Work Sheets, 1964 Dec
 - 11-51 Computer Search Work Sheets, 1964 Jul
 - 11-53 Computer Search Work Sheets, 1964 Nov
 - 11-52 Computer Search Work Sheets, 1964 Oct
 - 11-55 Computer Search Work Sheets, 1965 Mar
 - 29-1 Computer Services for Self Instruction and Teaching, 1968

Box-Folder Folder heading

- 25-10 Computing and Data Processing Center, 1965-66
- 14-43 Conference; Boyne Mountain, 1964 Apr

- 14-44 Conference; Copper Harbor, 1964 Aug 5-6
- 7-28 Conference on Industrial Modernization, 1965 Apr
- 26-7 Conference on Management Information, 1967 Dec 5-7
- 17-4 Conference on New Technology; Lewis research Center, Cleveland, OH, 1964 Jun 4-5
- 7-22 Conference on New Technology; Lewis Research Center; Cleveland, OH, 1964 Jun 4-5
- 14-38 Conference on New Technology; Lewis Research Center; Cleveland, OH; replies, 1964 Oct 29-30
- 14-39 Conference on New Technology; Lewis Research Center; Cleveland, OH; general correspondence, 1964 Oct 29-30
- 14-40 Conference on New Technology; Lewis Research Center; Cleveland, OH; replies, 1964 Oct 29-30
- 14-41 Conference on New Technology; Lewis Research Center; Cleveland, OH; letters of invitation follow-up pack, 1964 Oct 29-30
- 14-42 Conference on New Technology; Lewis Research Center; Cleveland, OH; lists of participants, 1964 Oct 29-30
- 16-10 Conference on New Technology; NASA Lewis Research Center, Cleveland, OH, 1964 Oct 30-29
- 28-29 Conference on Research Effectiveness, 1966 Jan 27-28
- 7-38 Conference on the Effects of Shock and Vibration on the Human Body; University of Denver, 1964 Mar 13-14
- 25-5 Conferences, 1965-67
- 12-39 Conferences and Meetings, 1965-66
- 11-47 Consumers Power Company, 1962
- 3-11 Cornell Aeronautical Laboratory, Inc.; report, 1963
- 3-9 Correspondence, 1964
- 5-5 Correspondence, 1964-66
- 16-28 Correspondence, 1964-66
- 21-7 Correspondence, 1966
- 21-8 Correspondence, 1966
- 21-9 Correspondence, 1966
- 21-10 Correspondence, 1966
- 26-9 Correspondence, 1966-68
- 28-14 Correspondence, 1968
- 18-15 Correspondence; building services, 1964-65
- 17-25 Correspondence; CAST Organization, 1966
- 18-12 Correspondence; general, 1964
- 18-13 Correspondence; general, 1965
- 18-14 Correspondence; general, 1965-66
- 29-3 Correspondence; general, 1967-68
- 1-38 Correspondence, miscellaneous, 1965
- 1-39 Correspondence, miscellaneous, 1965
- 24-1 Correspondence; miscellaneous, 1967
- 10-30 Correspondence; prospective clients, 1965-66
- 10-31 Correspondence; prospective clients, 1965-66
- 27-10 Correspondence; reading file, 1967

- 27-11 Correspondence; reading file, 1968
 16-20 Correspondence; Small Business Administration, 1962, 66-67

Box-Folder**Folder heading**

- 23-2 Correspondence; State Technical Services Program, 1966-68
 16-19 Correspondence with other Universities, 1965-67
 16-22 Correspondence with participating companies, 1965-67
 20-19 Correspondence with participating companies; A-F, 1968
 20-20 Correspondence with participating companies; G, 1968
 20-21 Correspondence with participating companies; H-M, 1968
 20-22 Correspondence with participating companies; S-W, 1967-68
 28-27 COSMIC; University of Georgia, 1967
 27-20 Current Awareness Program, 1965
 7-11 Curriculum Planning Committee, 1966 May 19-20
 5-14 Curriculum Planning Committee Working Paper, 1966 May 19-20
 4-5 Curriculum studies #1 data, n.d.
 4-6 Curriculum studies #2 concepts and early correspondence, 1965
 4-7 Curriculum studies #3 proposal (E.L.) and evaluations, 1965
- 23-13 Darby & Darby; information search, 1967
 28-9 Data Banks Available, n.d.
 11-48 Defense Contracts, 1962
 28-30 Defense Department Research, 1968
 13-12 Delco appliance; requests for information, 1965
 18-2 Delco Radio; Frequency Synthesizer, 1965
 13-7 Delco-Moraine; requests for information, 1965
 10-8 Delta College, 1963
 5-25 Department of Commerce; ARA-Builoine Proposal, 1964-65
 28-15 Department of Commerce; newsletter, 1968
 13-6 Detroit Aluminum and Brass; abstract search, 1964
 4-10 Detroit City of , 1966
 14-1 Detroit Diesel, 1966
 11-49 Detroit Edison Company, 1962
 23-14 Detroit Edison company; information searches, 1966-67
 11-20 Detroit Metropolitan Area; regional planning commission, 1961
 11-21 Detroit Metropolitan Area; statistics, 1960-61
 28-3 Detroit Testing Laboratory, 1966
 23-15 DeVlieg Machine Co.; correspondence, 1964-67
 28-7 Distribution of samples of CAST materials, 1968 May 2
 6-19 Division of Urban Extension, 1965
 28-5 Division of Urban Extension, 1967-68
 20-11 Division of Urban Extension, 1968
 21-20 Division of Urban Extension; correspondence, 1967
 21-21 Division of Urban Extension; correspondence, 1967
 6-17 Division of Urban Extension; Dean Hamilton Stillwell, 1966
 6-18 Division of Urban Extension; Dean Hamilton Stillwell, 1966

Jun

6-23 Division of Urban Extension; Directors Meeting, 1965 Nov 5-6
 6-21 Division of Urban Extension; J. McConnaughey, 1966
 6-20 Division of Urban Extension; meeting with Whaley and Stillwell, 1965
 7
 6-22 Division of Urban Extension; Meetings, 1965-66
 13-18 Documents ordered, 1966
 1-5 DOD documents available, n.d.
 4-2 Drafts of articles; New Republic, 1965
 4-3 Drafts of articles; T and C, n.d.

Box-Folder Folder heading

3-12 Dun's Review, 1963 Aug, Dec
 18-4 Dura Business Machine Research; initial contact, 1964

10-7 Eastern Michigan University, 1963
 23-16 Eastern Michigan University; information search, 1965-68
 19-14 Eastern Michigan University; State Technical Services Program, 1967
 23-12 Eaton Manufacturing Co.; fees, 1966-668
 5-37 Economic and research facilities changes; articles, 1964-65
 5-27 Economic Expansion Research Conference, 1963 Aug 12
 17-33 Edison Electric Institute; correspondence and abstracts, 1964-66
 26-18 Edison Electric Institute; current development in energy conversion, 1966
 Oct-Dec
 23-11 Edison Electric Institute; fees, 1966-67
 18-47 Edison Quarterly Report on Current Developments in Energy Conversion,
 1968 Apr-Jun 19-1
 18-46 Edison Quarterly Report on Current Developments in Energy Conversion,
 1968 Jan-Mar
 25-21 Education; correspondence, 1964-68
 23-26 EDUCOM; Inter university Communications Council, 1966-67
 18-22 Elastin Reports, 1964-66
 27-18 Energy Conversion Report, 1968 Jul-Sep
 7-23 Engineering foundation Research Conferences Technology and the
 Economy, II; Proctor Academy, Andover, New Hampshire, 1964

Civilian
 Jul 27-31

26-32 Engineering Information Services, 1965-66
 28-24 Engineering Profession, 1966
 24-17 Engineering Society of Detroit, 1966-67
 28-23 Engineering Society of Detroit; metropolitan goals, 1967
 3-16 ESD Affiliate Societies; luncheon; publicity, 1964 Apr 20
 17-10 Even Arthur D.; Letters to Magazines, 1968-69
 12-35 Exell-o Corporation; Abstract Search, 1965
 24-11 Extraterrestrial Research Center, 1965-66

7-24 Fall meeting and Technology Utilization Seminar; Aerospace Research
 Applications Center Indiana University, 1964 Nov 17-18

4-26 Federal publications; Census of Manufacture, 1958
 4-27 Federal publications; Census of Manufacture, 1958
 4-28 Federal publications; Census of Manufacture, 1958
 4-25 Federal publications; Department of Commerce, 1963-64
 4-23 Federal publications; Department of Labor, 1962
 4-29 Federal publications; miscellaneous, 1957, 1964
 4-24 Federal publications; National Science Foundation, 1963-64
 1-9 Fee/Subscription plan, n.d.
 10-6 Ferris State College, 1963
 19-13 Ferris State College; State Technical Services Program, 1967-68
 26-10 Financial; correspondence, 1968 Jun
 26-11 Flammability Seminar, 1968-69
 12-9 Flexible Products; request for information, 1964
 24-34 Ford Motor Company, 1964-1967 Nov
 1-1 Form letters; masters, n.d.
 13-21 Form Sprag Company; requests for information, 1964-65
 24-33 Fruehauf Corporation, 1964 Nov-1966 Dec

Box-Folder Folder heading

1-6 Funding progress, n.d.
 12-10 Futures; request for information, 1964-65

 16-11 General Awareness Program, 1965
 17-29 General Awareness Program; Correspondence, 1966-67
 17-18 General Awareness Program; correspondence from participant companies, 1967
 17-19 General Awareness Program; correspondence from participant companies, 1967
 10-26 General Dynamics/Corvair; correspondence, 1966
 20-33 General Magnetic Corporation; information searches, 1964-66
 21-4 General Motors; A.C. Spark Plug Division; information searches, 1966-67
 21-3 General Motors; A.C. Spark Plug; information searches, 1965-67
 8-32 General Motors; AC Flint; Requests for Information, 1966
 9-3 General Motors; administrative, 1960
 21-2 General Motors; Chevrolet Motor Division; information searches, 1965-68
 21-1 General Motors; Delco Appliance division; information searches, 1965
 9-9 General Motors; Delco Appliance; request for information, 1966
 9-11 General Motors; Delco Moraine; request for information, 1966
 20-35 General Motors; Delco Radio Division; information searches, 1964-65
 9-10 General Motors; Delco Radio; request for information, 1966
 14-2 General Motors; Delco Radio; requests for information, 1964-65
 20-34 General Motors; Detroit Diesel Engine Division; information searches, 1965-67
 9-12 General Motors; Detroit Diesel; request for information, 1966
 9-5 General Motors; engineering staff; request for information, 1966
 13-22 General Motors; engineering staff; requests for information, 1964-65

9-13 General Motors; Euclid; request for information, 1966
 12-2 General Motors; Fisher Body, 1965
 24-32 General Motors; Fisher Body Division, 1964 Aug-1967 Oct
 13-33 General Motors; Fisher Body Division; requests for information, 1965
 9-14 General Motors; Fisher Body; process development; request for information, 1966
 information, 9-15 General Motors; Fisher Body; product engineering; request for 1966
 9-16 General Motors; GMC Truck and Coach; request for information, 1966
 13-31 General Motors; Guide Lamp, 1964-65
 24-26 General Motors; Guide Lamp Division, 1964-1967 Oct
 9-18 General Motors; Hydramatic; request for information, 1966
 21-5 General Motors; information searches, 1965-67
 12-3 General Motors; initial contact, 1965
 24-27 General Motors; Inland Manufacturing Division, 1964-1967 Sep
 13-32 General Motors; Inland Manufacturing Division; requests for information, 1965
 9-8 General Motors; Inland; request for information, 1966
 9-17 General Motors Institute, request for information, 1966
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Box-Folder Folder heading

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- 17-16 Membership commitment proposal, 1969
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- 6-29 Memoranda, 1965
- 21-29 Memoranda, 1966
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- 23-1 Memoranda, 1966-68
- 21-31 Memoranda, 1967
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- 17-13 Memoranda, 1969-70
- 12-33 Memoranda; CAST Operations, 1965-67
- 21-33 Memoranda; policy statement, 1965-67
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20-26	Participating companies; fee schedules, 1966-67
20-25	Participating companies; list, 1964-65
29-25	Personnel; candidates for employment, 1964
29-26	Personnel; candidates for employment, 1964
5-2	Personnel Policies, 1963-65
Box-Folder	Folder heading
5-3	Personnel Policies, 1963-65
5-4	Personnel Policies, 1963-65
2-19	Pfietter Brewing Co, 1965
24-3	Pinc, Bruce; trip notes, 1964
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Box-Folder Folder heading

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- 7-39 Regional Dissemination Center Conference, 1965 May 16-18
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- 4-21 Reports generated by industry, 1964
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- 20-12 Reports on Corporations, n.d.
- 4-18 Reports related to Michigan industry, 1961-65
- 18-26 Reports to S.M. Cadwell College of Engineering, 1964-65
- 27-14 Request search form/procedure, n.d.
- 12-34 Requests for Information, 1964-66
- 13-16 Requests for information, 1964-66
- 13-17 Requests for information, 1964-66
- 3-19 Requests for information about CAST, 1964
- 1-30 Requests for information about CAST, 1965-66
- 4-20 Research and Development from other universities, 1963-65

- 20-9 Research and Development Publications, 1966, 68
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Box-Folder Folder heading

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- 21-13 Spacelabs; fee schedule, 1966-67
- 21-12 Sparton Electronics; billing, 1967
- 9-37 Speeches, 1966
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Box-Folder	Folder heading
15-28	Stillwell, Hamilton; reading file, 1965 Aug 23-27
15-29	Stillwell, Hamilton; reading file, 1965 Aug 30-Sep 3
15-26	Stillwell, Hamilton; reading file, 1965 Aug 9-13
14-17	Stillwell, Hamilton; reading file, 1965 Dec 13-17
14-16	Stillwell, Hamilton; reading file, 1965 Dec 20-24
14-15	Stillwell, Hamilton; reading file, 1965 Dec 27-29
14-18	Stillwell, Hamilton; reading file, 1965 Dec 6-10
15-23	Stillwell, Hamilton; reading file, 1965 Jul 12-23
15-24	Stillwell, Hamilton; reading file, 1965 Jul 26-30
15-19	Stillwell, Hamilton; reading file, 1965 Jun 1-11
15-20	Stillwell, Hamilton; reading file, 1965 Jun 14-18
15-21	Stillwell, Hamilton; reading file, 1965 Jun 18-25
15-22	Stillwell, Hamilton; reading file, 1965 Jun 28-Jul 9
14-23	Stillwell, Hamilton; reading file, 1965 Nov 1-5
14-21	Stillwell, Hamilton; reading file, 1965 Nov 15-19
14-20	Stillwell, Hamilton; reading file, 1965 Nov 22-24
14-19	Stillwell, Hamilton; reading file, 1965 Nov 29-Dec 3
14-22	Stillwell, Hamilton; reading file, 1965 Nov 8-12
14-26	Stillwell, Hamilton; reading file, 1965 Oct 11-15
14-25	Stillwell, Hamilton; reading file, 1965 Oct 18-22
14-24	Stillwell, Hamilton; reading file, 1965 Oct 25-29
14-27	Stillwell, Hamilton; reading file, 1965 Oct 4-8
14-30	Stillwell, Hamilton; reading file, 1965 Sep 13-17
14-29	Stillwell, Hamilton; reading file, 1965 Sep 20-24
14-28	Stillwell, Hamilton; reading file, 1965 Sep 27-Oct 1
15-30	Stillwell, Hamilton; reading file, 1965 Sep 6-10
14-8	Stillwell, Hamilton; reading file, 1966 Feb 14-18
14-7	Stillwell, Hamilton; reading file, 1966 Feb 21-25
14-6	Stillwell, Hamilton; reading file, 1966 Feb 28-Mar 4
14-9	Stillwell, Hamilton; reading file, 1966 Feb 7-11
14-13	Stillwell, Hamilton; reading file, 1966 Jan 10-14
14-12	Stillwell, Hamilton; reading file, 1966 Jan 17-21
14-11	Stillwell, Hamilton; reading file, 1966 Jan 24-28
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- 1-35 UAC, 1964 Sep 30
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Box-Folder Folder heading

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