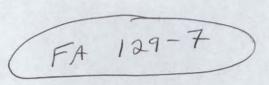
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This accession consists of documents created and collected during the course of a wide variety of otudies conducted inside the curspices of the Science Countil. Includes is documentation from the following projects:

the Aeronautics Study (Box 1): Proposal for Interne Newtron Cenerator (Box 2); Astronomy Study (Box 3).

Background Study in Science Policy and Towned a National Science Policy for Conada (Box 4); Engineering Study (Box 5-9). Federal Support of Engineering Research in Universities (Box 60 10-15); Physics in Canada (Box 60 16-17B). Scientific and Technical Information (Box 60 18-19): Water Resources Study (Box 60 - 22); Upper Atmosphere and Space Program Study (Box 23).

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RECORDS FINDING AID - L'AIDE DE RECHERCHE DES DOSSIERS

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A - AERONAUTIC'S STUDY		1 1	
SPECIAL STUDY #12	10-2-8-4 (POCKET)	1	
F - PROPOSAL FOR AN INTENSE NEUTRO SPECIAL STUDY #4	N GENERATOR	2	D-397
- ASTRONOMY STUDY	10-2-29-4 (POCKET)		- 397
ENCENEERING COPY	1035-2 VOL 3 (POCKET)	3	
- BAIMGROCHE STUDIES IN CLIENCE P SCIENCE POLICY FOR CANALA	OLICY AND TOWARDS A PATICW	AL :	-397
ENG. SPECIAL STUDY #G	1704-4 VOL.2 (POCKET)	4 ,	D-397
E - EK ENEERIYS STUDY		5-9	0-397
- FEDERAL SUPPORT OF RESEARCH IN U	MIVERSITY OF WINDSOR		-397
ENG. SPICIAL STUDY #7	FOLDER #167	10-15	
G - PHYSICS IN CANADA - SURVEY AND OU CHEMICAL	UTLOOK - CHEMISTRY AND		-397
ENG. SPECALL STUFT #2	0-2-28-5	16-17R	202
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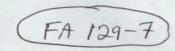
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H - SCIENTIFIC AND TECHNICAL INFORMATION ENG. SPECIAL STUDY #8 INFORMATION DISSEMINATION 3RD DRAFT	18-19	
ENG. SPECIAL STUDY #5 QUESTIONNAIRES #7 (POCKET)	20-22	p. 10g -398
K - UPPER ATMOSPHERE AND SPACE PROGRAM STUDY ENG. SPECAIL STUDY #1 10-2-27-4 (POCKET)	23	-398
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BOX I

AERONAUTICS STUDY

1 eng. Special Study No. 12 1 fr. Etude Special no. 12

Aeronautics-Highway to the Future L'aeronautique debouche sur l'avenir

(no reports issued)

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Files;

10-2-8 Aeronautics - Study 10-2-8-2 Aeronautics - Publications vol. 1 10-2-8-3 vol. 1 Aeronautics - Committee - General 10-2-8-4 Aeronautics - Committee - Agenda & Minutes of Meetings

vol. 1

1 pocket of loose material

1. Civil Aviation Research and Development - An Assessment of Federal

2. Canadian Aerospace capabilities and resources - Aerospace study - volume 2

3. Science Council of Canada Study on Aeronautical Research & Development 4. Ltr fr Dept. of Industry re; Industrial Research and Development Incentives

Act Program for the Advancement of Industrial Technology & Defence Industry Productivity Program

5. The Administration of Government sponsored aeronautical Research and

Development in Canada - by D.H.E. Cross 6. Notes on Future Military Aeronautical Research and Development Policy

7. An abstract of statistics related to The Aerospace Industry

8. Study of Aeronautical Research & Development Activities in Canada 9. Dept. of National Defence - Inputs to the Science Council Study of Aeronautical

Research & Development - Compiled by the Scientific Assistant to the CTS 10. National Research Council of Canada - Discussion of National Research Council Aeronautical Research and Development Works Programs (1962-1968) related to

the "RCAF" Aeronautical Research requirements", brief dated Jan. 31 1961 11. NRC of Canada - Aeronautical Research and Development in the National Research Council of Canada - Compiled for the Science Council of Canada Aeronautical Research and Development Study - Jan. 1969

accommutical RX D Study = Uch 1

13. Cleverantical Rx D. Study = VOL 2 14. Cleronantical P& D. Study = VOL 3 15. Germantical P& D. Study = VOL 3

TOWARDS A NATIONAL SCIENCE POLICY FOR CANADA

l eng. report no. 4 - Towards a National Science Policy for Canada l fr. rapport no. 4 - Vers u ne politique nationale des sciences au Canada

Files;

1704-4 Towards a National Science Policy for Canada

vols. 1,2,

1 pocket of loose material;

- 1. Science Council of Canada First Policy Report Draft 2
- 2. Science Policy for Canada 1968 Review
- 3. Table of Contents
- 4. Science Council of Canada First Policy Report (2 cps)
- 5. Science Council of Canada Report No. 4 Towards a National Science Policy for Canada

6. Press clippings relating to Science anniel Report No. 4

Box 4

BACKGROUND STUDIES IN SCIENCE POLICY

l eng special study no. 6 - Background Studies in Science Policy;
Projections of R&D Manpower and Expenditure

l fr etude speciale no. 6 - Etudes de base relatives a la politique scientifique;
Projections des effectifs et des depenses R&D

Files;

1704-3 Background Studies in Science Policy - S. Study vol. 1

1 file pocket of loose material;

- 1. The projected supply of Scientists and engineers in Canada by R.W. Jac kson D.W. Henderson and B.W.K. Leung
- 2. Gross expenditures on R&D in Canada projected to 1978
- 3. The Inflation/Sophistication Factor

ENGINEERING STUDY

P.S. (The Engineering Study which was undertaken by Messrs. Cass-Beggs and Sarault did not produce a publishable report. We have been struggling with it for sometime because some parts of the report were good but others were sufficiently below standard that the Council did not feel it reached the level set for our special Dr. P.E. McTaggart-Cowan

Files;

1175-2 Engineering - Study vols. 1,2,3,4,5 1175-3 Engineering - Committee - General vols. 1,2, 1175-4 Engineering - Committee - Agenda & Minutes of Meetings

1 Report on Research in Engineering - Third Draft

1 Science Council Study on Research in Engineering - Second Draft

1 Science Council - Special Study No....on Research in Engineering - Third Draft

1) 1 pocket of draft reports;

1. Report on Engineering Research - 1st Draft only - Nov. 1968

2. Science Council Study on Research in Engineering - Second Draft - Feb 1969

2) 1 pocket of loose material;

1. Engineering and Research in Canadian Universities

2. Opinions gathered in the course of interviews and from various articles and publications - G.E. Sarault - Aug 1968

3. Some tentative recommendations = G.E. Sarault - Aug 1968

4. Outline of interpretation

5. A summary of views about Industrial Research and Development

activities in Canada - by Andrew H. Wilson - Jan. 1969 6. Increased government investments in technological research and industrial development. Comments by the IVA on a memorandum from the Dept. of Finance (trans. fr Swedish) Royal Swedish Academy of Engineering Sciences

7. A Pragmatic view of University-Industry relationships - Address by John Orr - Halifax N.S. May 30 1968

8. Continuing Education of Canadian Engineers - Programme Recommended by Stanley House Seminar

9. Research in Engineering - Notes on discussions with Mr. Bacmeier - Dec/67

10. Annual direct expenditures on Research in Engineering

11. Federal Expenditure on Engineering Research

(ENGINEERING STUDY cont'd)

- 12. Some procedures in reaching decisions on research projects
- 13. Depenses directes du gouvernement federal pour la recherche en genie 14. Main divisions of Research Topics fr. Questionnaires and number of universities - staff interested or involved
- 15. Books and articles dealing with foreign countries
- 16. A different approach to engineering training
- 17. loose miscelleanous correspondents
- 18. A policy for engineering and science in Canada

3) 1 pocket of loose correspondence; on electric engineering

- 1. University of British Columbia
- 2. University of Toronto Dept. of Electrical Engineering Continuing education programmes for power engineers
- 3. The Crisis in industrial research in Canada D.M. Meyers & F. Noakes
- 5. Engineering Research and Canada's Future Dec 4/71 F. Noakes

4) 1 pocket of loose correspondence;

- 1. National Seminar on the continuing education of engineers (covened by the Engineering Institute of Cda and sponsored by UNESCO
- 2. The Engineering Institute of Canada Report of Council year ending Dec 31/68

5) 1 pocket of loose correspondence;

- 1. Proposal for a Fuel Cell Industry Project (ND)
- 2. Fuel Cell Industry Project Presented by Dept. of Industry Electrical Div.

pocket of loose correspondence (Engineering Research Briefs)

1. Engergy supply and demand forecase - Atlantic Provinces 1965-1985

2. A nation plans its engineering research - Panel discussion - Sept 23 / 68

3. Faculty of Eng. Univ. of Waterloo - Support of Engineering Research in Univ. 4. The "Inflation Factor" in # & D costs by K.F. Tupper

5. The Engineering Institute of Canada - EIC prepared brief on national

6. A brief on A Policy for Engineering and Science in Canada - Submitted by The Engineering Institute of Cda 1966

1 pocket of loose correspondence - engineering drafts

- 1. Research & Development expenditures and gross national product
- 2. Trends in industrial research and development expenditures
- 3. Industrial Engineering and Canadian Universities by A Raouf



(ENGINEERING STUDY cont'd)

- 4. Submission to the Science Secretariat with respect to Industrial Research and Development in Canada by Canada Pulp & Paper Assé
- 5. Federal Grant Support of Engineering Research

6. Engineering Manpower in Canada - A.C. Gross

7. Trends in the Supply and demand of University Graduates - Dept. I & M

9. Engineering Research in Canada - Science Council Statement - Final Draft 10. Interpretation

- 11. Employment and Earnings in the Scientific and Tehonical Profession 1958-1961
- 12. Canada's Manpower with particular reference to engineering personnel -
- 13. Chemical Insitute of Canada D.S. Scott & P.N. Reilly, J.M. Hay - by G.T. Cage M.E.I.C.

14. Science Council Survey on Engineering Research in Canada

15. Preliminary - Criteria for selection of N.R.C. Research Projects

16. Summary of main conclusions and recommendations

17. Outline of suggested Science Council - Report on Engineering Research

18. The Proposed Churchill River Diversion and Associated Problem W.D. Bennett - Aug 1969

- Report to the Minister of Mines & Natural Resources -D Cass-Beggs 19. Engineering and Research in Canadian Universities - A report prepared for the Committee on Research in Engineering by J.H. Brown Mar 29/68
- 8) 1 pocket of loose correspondence; - (Dean Brown's Report)
- 9) 1 pocket of material in black hard covers;
 - 1. Material by Cass-Beggs & G. Sarault, which was given to the Research in Engineering Committee Members (through Mr. Mullin)
 - 2. Research in Engineering (Reports by Grassie, Rousseau & Coleman)
 - 3. Research in Engineering Reports by Cass-Beggs

4. Research in Engineering in Canada

- 10) 1 pocket of loose material;
 - 1. Interviews & correspondence with Industry
- 11)c 1 pocket of loose material;
 - 1. Quebec Hydro Proposal for Research Institute Meeting
- 12) 2 pockets of press clippings

Box 8

13) 1 pocket of original drafts of the Engineering Report

(ENGINEERING STUDY cont'd)

- The following are folders containing loose correspondence regarding questionnaires on "Survey of Engineering Research in Universities in Canada for the Science"
 - 1. University of Alberta
 - 2. The University of British Columbia
 - 3. University of Calgary Staff questionnaires
 - 4. Carleton University Dept leaders questionnaires
 - 5. Dalhousie University
 - 6. Ecole Polytechnique
 - 7. Guelph University
 - 8. Laval University 9. University of Manitoba
 - 10. McGill University
 - 11. McMaster University
 - 12. Moncton University Staff Questionnaires
 - 13. Nova Scotia Technical College
 - 14. University of New Brunswick Staff Questionmaires
 - 15. University of Ottawa
 - 16. Queen's University
 - 17. Royal Military College
 - 18. University of Saskatchewan
 - 19. University of Sherbrooke
 - 20. University of Toronto
 - 21. University of Waterloo
 - 22. University of Western Ontario
 - 23. University of Windsor

2 Black hard concred book - Report on Research in agineering - Third Draft





FEDERAL SUPPORT OF RESEARCH IN UNIVERSITIES

1. eng. special study no. 7

The Role of the Federal Government in Suppor of Research in Canadian Universities

1. fr. etude speciale no. 7

Le gouvernement federal et l'aide a la recherche dans les universites canadiennes

1 eng. report no. 5 1 fr. rapport no. 5

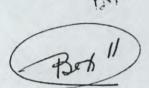
University Research and the Federal Gowvernment Le soutien de la recherche universitaire par le gourvernement federal

Files;

10-2-22-3	Federal	Support	of	Research	in	Universities Universities Universities Universities Universities		Study vols 1,2,3,4,5 Budget Vol. 1 Publication vol. 1 Committee Gen. Vol. 1,2,3, Committee - Agenda & Minutes of Meeting	
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Seperate folders of loose material

- 1. Briefs Academically Based Organizations
- 2. Alcoholism & Drug addiction Research Foundation
- 3. Arctic Institute of North America
- 4. Association of Cdn Medical Colleges
- 5. Association of Canadian Schools of Business
- -6. B. C. Research Council
 - 7. Canadian Arthritis and Rheumatism Society
- 8. Canadian Association for the Advancement of Health Science (Canadian Heart
- 10. Canadian Association of Graduate Schools
- 11. Canadian Council on Animal Care
- 12. Canadian Council on Urban and Regional Research
- 13. Canadian Economics Association
- 14. Canadian Institute of Onomastic Sciences
- 15. Canadian Medical Association
- 16. Canadian Mental Health Association
- 17. Canadian Nurses Association
- 18. Canadian Organization for Joint Research
- 19. Canadian Peace Research and Education Association
- 20. Canadian Psychological Association
- 21. Canadian Society for the Study of Religion
- 22. Canadian Sociology and Anthropology Association
- 23. CURC (Canadian Universities Research Commission)
- 24. Canadian Veterinary Medical Association
- 25. Education
- 26. Learned Societies
- 27. National Cancer Institute of Canada
- 28. National Science Foundation



Foundation)

vol. 1



(FEDERAL SUPPORT OF RESEARCH IN UNIVERSITIES - cont'd)

- 73. College Sainte-Anne
- 74. College Saint-Joseph
- 75. College Saint-Louis
- 76. Dalhousie
- 77. Guelph
- 78. Huntington College
- 79. Huron College
- 80. University of King's College
- 81. Lakehead
- 82. Laurentian
- 83. Laval
- 84. University of Lethbridge
- 85. Loyala College
- 86. Manitoba
- 87. McGill
- 88. M: cMaster
- 89. Memorial
- 90. Universite de Monston
- 91. Montreal"
- 92. Mount Allison
- 93. Mount Saint Vincent University
- 94. New Brunswick
- 95. Notre Dame University
- 96. Nova Scotia Tehcnical College
- 97. Ottawa
- 98. Prince of Wales College
- 99. Queen's
- 100. Royal MilitarymCollege
- 101. St. Dunstan's University
- 102. St. Francis Xavier
- 103. St. Jerome's College
- 104. St. Mary's University
- 105. University of St. Michael's College
- 106. Universite Saint-Paul
- 107. St. Thomas University
- 108. University of Saskatchewan
- 109. Seminary of Christ The King
- 110. Universite dw Shebrooks
- 111. Simon Fraser University
- 112. Sir George Williams University
- 113. Universite de Sudbury
- 114. Thormeloe
- 115. Toronto 116. Trent
- 117. Trinity College

(FEDERAL SUPPORT OF RESEARCH IN UNIVERSITIES - cont'd)

118. Universities Grants Commission

119. Victoria

120. Waterloo

121. Western

122. Windsor

123. University of Winnipeg

124. York

125. Dept. of Agriculture

126. Air Canada

127. Atomic Energy of Canada Ltd.

128. Atomic Energy Control Board

129. Atlantic Development Board

130. Bank of Canada

131. Canada Council

132. Canadian Arsenals Limited

133. Canadian Broadcasting Corporation

134. Canadian Dairy Commission

135. C.N.R. Canadian National Railways

136. Canadian Patent and Development Limited

137. Canadian Transport Commission

138. Central Mortgage and Housing Corporation

139. Defence Research Board

140. D.B.S.

141. Dominion Coal Board

142. Economic Council of Canada

143. Eldorado Mining and Refining Limited

144. Canada Emergency Measures Organization

145. Dept. of Mines, Energy and Resources

14%. Dept. of External Affairs

147. External Aid Office

148. Farm Credit Corporation

149. Dept. of Finance

150. Dept. of Fisheries

151. Fisheries Research Board of Canada

152. Dept of Forestry and Rural Development

153. Dept. of Indian Affairs & Northern Development

154. Dept. of Industry

155. Dept. of Justice

156. Dept. of Labour

157. Library of Parliament

158. Humanities Research Council

159. Medical Research Council

160. Dept. of Manpower and Immigration

161. National Capital Commission

162. National Defence

163. National Energy Board

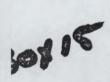
164. National Film Board

165. National Gallery of Canada

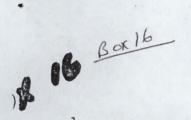
166. National Harbours Board

167. Napt. of National Health and Welfare

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PHYSICS IN CANADA SURVEY & OUTLOOK - SPECIAL STUDY

1 eng. special 2 - Physics in Canada - Survey and Outlook (published in english only)

(no report as an an the termination of this study, instead an "Open Letter to Science Council of Canada Canada; Physics in Canada)

Files;

10-2-28-7

Survey & Outlook - Special Study

vol. 1

Pocket no. 1 consecure correspondence on Physics in Canada - Draft Pocket no. 2 control loose binder material

- L plantage in Canada A survey by the Industrial Physics Cttee of the Canadian Association of Physicists
- 2. By producing C.E.C. Tabulations DCF System Limited
- 3. 0 Survey Original Report (loose paper form)
- the cttee on Research and Development, Sponsore;dby Secretariat of the Privy Council of Canada
- 5. Garage & D Survey Record Papers
- 6. C R & D Survey griginal report in hard back cover
- 7. Canada Survey, Objective & outlook



(over)

but 17

1 eng. special study no. 9 Chemistry and Chemical Engineering; A Survey of Research and Development in Canada (published 1969) 1 fr. etude speciale no. 9

- La chimie et le genie chimique au Canada; Etude sur la recherche et le developpement technique (A.E.R. Westman)

Pocket no. 1 containing loose material - chemistry questionnaires only

The following is listed seperately;

Survey of Chemical Research and Development in Canada (Analytical Chemistry) Cttee No 1 Survey of chemical and chemical engineering research and development in Canada

Report of Committee 03 Metallurgy

Research and Development of Chemistry in Canada - General Organic and Physical-Organia Chemistry - Committee 4

Committee 5 Report area 051 Fuels, etc.,-Area 052 Coatings and Detergents-Area 053

C.I.C. Survey - Report of Committee 6 - Pharmaceuticals and Natural Products

Report of Committee 8 - Pulp and Paper

Report of Committee 9 - Taextiles and Natural Leather

C.I.C. R & D Survey - Committee 10 - Chemical Kinetics etc., Final Report Report of Committee II Thermodynamics, Colloid Chemistry and Ion Exchange Nuclear and Radiation Chemistry - Report of Committee 12 on Survey of Chemical

Electrochemistry in Canada; Status and Opportunities - Report of Committee 13;

Report of Committee 14 - High Pressure and High Temperature Chemistry etc., Report of Committee 16 - Agriculture and Food Chemistry

Report of Committee 17 - Biochemistry

Chemical Institute of Canada - Survey of Chemical Research and Development on

behalf of the Science Secretariat Science Council of Cda

Report of Committee 19 - Chemisktry in the Earth Sciences and Related Fields

Report of Committee 20 - A Study of Canadian Literature and Information Services

The Chemical Institute of Canada - C.I.C. Survey of Chemistry R & D in Canada 1966 in Chemistry and Chemical Engineering Section 18 - Questionnaire processing record and data

tables

Listed seperately, are the 20 committee reports;

- 1. Survey of Chemical Research and Development in Canada "Analytical Chemistry"
- 2. Report of Committee No. 2 Inorganic Chemistry
- 3. Survey of Chemical and Chemical Engineering Research and Development - for the Scientific Secretariat by the Chemical Institute of Canada -Report of Committee 03 - Metallurgy
- 4. Research and Development of Chemistry in Canada General Organic and Physical Organic Chemistry - Committee 4
- 5. Committee 5 Report Area O51 Fuels, etc., Area O52 Coatings and detergents -Area 053 Dyestuffs
- 6. C.I.C. Survey Report of Committee 06 Pharmaceuticals and Natural Products
- 7. Report of Committee 7 Polymers, etc.,
- 8. Report of Committee 8 Pulp and Paper
- 9. Report of Committee 9 Textiles and Natural Leather
- 10. C.I.C. R & D Survey Committee 10 Chemical Kinetics etc., Final Report
- 11. Report of Committee 11 Thermodynamics, Colloid, Chemistry and Ion Exchange
- 12. Nuclear and Radiation Chemistry Report of Committee 12 on Survey of Chemical Research and Development in Canada
- 13. Electrochemistry in Canada; Status and opportunities Report of Committee 13; Electrochemistry
- 14. Report of Committee 14 High Pressure and High Temperature Chemistry etc.,
- 15. "Chemistry Research" Molecular Structure and Theoretical Chemistry
- 16. Report of Committee 16 Agriculture and Food Chemistry
- 17. Report of Committee 17 Biochemistry March 1968, Revised October 1968
- 18. Chemical Institute of Canada Survey of Chemical Research and Development on behalf of the Science Secretariat Science Council in Canada - Research in Chemical Engineering in Canada

.5.

- 19. Report of Committee 19 Chemistry in the Earth Science and Related fields
- 20. A Study of Canadian Literature and Information Services in Chemistry and Chemical Engineering
- 21. The Chemical Institute of Canada C.I.C. Survey of Chemistry & & D in Canada 1966 Section 18 - Questionnaire processing record and data tables
- 22. Committee Reports (Binded) # 1 to 20

see file 621-1 for further information 18:

pecial Study No. 8 - Scientific & Technical Information in Canada - Part 1 ude speciale no. 8 - L'information Scientifique et technique au Canada-lere part:

Part II - Chapter 1 (Government Depts. & Agencies)

Chapter 2 (Industry) Chapter 3 (Universities)

Chapter 4 (Intern. Agencies & Foreign Countries)

Chapter 5 (Techniques and Sources)

Chapter 6 (Libraries) Chapter 7 (Economics)

port no. 6 - A Policy for Scientific and Technical Information Dissemination port no. 6 - Une Politique pour la diffusion de l'information scientifique et technique.

Scientific & Technical Information - Study Scientific & Technical Information - Budget vols. 1,2, Scientific & Technical Information - Publications vol. 1, Scientific & Technical Information - Committee-General vols, 1,2, Scientific & Technical Information - Committee -

Agenda & Minutes of Meetings Vol..1,

of loose material;

R.C. Science-Technology Literature Resources in Canada - Survey by S. Bonn iference on Government Information System ef submitted by the University of Toronto Library - docus. attached Terms of reference for the Study "Guidelines for Briefs" by Study Committee Draft brief

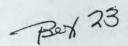
rd Ministerial Meeting on Science of OECD countries - Scientific and xTechnical information systems and policies Documentation Centre of the University of Guelph Library ligraphic Information Exchange - Some problem area olicy for scientific and tehenical information dissemination - Sept 1969 stionnaire on the recommendations contained in the report scientific & technical information in Canada - by J.P.I. Tyas et al. plicy for scientific and technical information dissemination final geport nic Energy of Canada - negatives - T ble 3 - Budgets for agencies 1967-68

Table 4 - budgets for agencies projected

Table 1 - personnel by number & training

Table 2 - personnel by number & training projected for 1972-73 1 25

UPPER ATMOSPHERE AND SPACE PROGRAM STUDY



l eng. special study no. 1 - Upper Atmosphere and Space Programs in Canada Ono french special study)

l eng. report no. 1 - A Space Program for Canada (no french report)

Files;

1)

10-2-27-3	Upper		and	Space	Program	 Publication • Committee Committee - Agenda &	vol. vol.	1	
		4.45				Minutes of Meetings	וחש	7	

l pocket of loose material;

- 1. Upper Atmosphere and Space Research in Canada Prepared by M.P. Pachynski
- 2. Upper Atmoshere and Space Research in Canadian Industry Replies to Questionnaires xof May 20 1966 giving statistical information
- 3. Upper Atmosphere and Space Research in Canada Part I of a Brief presented
- to Science Secretariate Committee 27 Sept 1966 Montreal 4. Proposal for Canadian TV Network Satellite System - Part II of a Brief present to Science Secretariate Committee - RCA Victor Company Ltd.
- 5. Upper Atmosphere and Space Research in Canadian Industry -
- 6. An Earth Natural Resources Satellite System
- 7. Space electronics at RCA Victor Company Ltd 7-year summary 1960-66

1 pocket of loose material;

- 1. Upper Atmosphere and Space Programs in Canada Part II Canadian International Space Programs - Texts of Agreements, memoranda of understanding, and other inter= national arrangement in force = 31 Oct 1906
- 2. Preliminary copy for distribution onl to Science Council Members; Special Study no. Part III - The Harp-McGill Program
- 3. Part 1 Findings and Recommendations Upper Atmosphere and Space Programs in Cda 4. Upper Atmosphere and Space Programs in Canada - Report of the Study Group Headed by Dr. J.H. Chapman

b pocket of loose material;

- 1. II Findings and Recommendations
- 2. Harp Clippings
- 3. Trans-Canada Telephone System /CN-CP Telecommunications Cdn Communication Satellite
- 4. Development of Gun Launched vertical probes for Upper Atmosphere Studies
- 5. Inospheric Winds Measured by Gun-Launched Projectiles 6. Sporadic E. and the Wind Structure of the E Region

(UPPER ATMOSPHERE AND SPACE PROGRAM STUDY cont'd)

7. Appendix I, II, V, IV.

8. N-S Wind Component (meters/sec) 20-21 Sept 1965

- 9. Motions of an electron-Ion Cloud released at 100 Kilometers from a Gun-Launched 10. Profiles of winds in the lower thermosphere by the gun-launched probe technique
- and their relation to Ionospheric sporadic E 11. Comparison of ionospheric drift velocities by the spaced receiver technique with

neutral winds from luminous rocket trails 12. A Review of Project Harp - The N.Y. Academy of Science 1917

13. Some considerations in the use of Black Brant Rocket Motors and of the McGill UCniversity Space Research Institute 16" Gun as Major Components in a Canadian Satellite Launch Vehicle Development Program

14. A Space program for Canada - report no. 1 - Ju ne 1967 - Final draft

15. Special report no. 1 - A space program for Canada - May 1967 - first draft 16. Pamphlets re; Defence Research telecommunications establishments

17. III Canadian activities in the Upper Atmosphere and Space

18. Privy Council Office - A Space Program for Canada

- 19. Consensus of opinions on the establishment of am National Advisory Committeeon space research and development and an associated central coordinating and contracting agency - prepared by G.N. Patterson
- 20. Terms of reference for a National Space Agencyo extracted from the Briefs submitted to the Study Group on The Canadian Upper Atmosphere and Space Program 21. Summary of a Satellite program proposed for a Canadian Domestic Satellite System